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Third National Health and Nutrition Examination Survey  
(NHANES III), 1988-94

Catalog Number 77550

NHANES III HOUSEHOLD YOUTH DATA FILE DOCUMENTATION

Ages 2 Months through 16 years

December 1996

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## Introduction

The National Center for Health Statistics (NCHS) of the Centers for Disease Control and Prevention (CDC) collects, analyzes, and disseminates data on the health status of U.S. residents. The results of surveys, analyses, and studies are made known through a number of data release mechanisms including publications, mainframe computer data files, CD-ROMs (Search and Retrieval Software, Statistical Export and Tabulation System (SETS)), and the Internet (<http://www.cdc.gov/nchswww/nchshome.htm>).

The National Health and Nutrition Examination Survey (NHANES) is a periodic survey conducted by NCHS. The third National Health and Nutrition Examination Survey (NHANES III), conducted from 1988 through 1994, was the seventh in a series of these surveys based on a complex, multi-stage sample plan. It was designed to provide national estimates of the health and nutritional status of the United States' civilian, noninstitutionalized population aged two months and older.

Data from NHANES III are being released in five public release data files:

NHANES III Household Adult Data File (Catalog Number 77560)

NHANES III Household Youth Data File (Catalog Number 77550)

NHANES III Examination Data File (Catalog Number 76200)

NHANES III Laboratory Data File (Catalog Number 76300)

NHANES III Dietary Recall Data Files (Catalog Number 76700)

A table showing the location of the interview and examination components in the five NHANES III public release data files follows.

Location of the interview and examination components in the five NHANES III public release data files

Data File

Topic	] HA	] HY	] EXAM	] LAB	] DIET ]
Sample weights	] X	] X	] X	] X	] . ]
Age/race/sex	] X	] X	] X	] X	] . ]
Ethnic background	] X	] X	] .	] .	] . ]
Household composition	] X	] X	] .	] .	] . ]
Individual characteristics	] X	] X	] .	] .	] . ]
Health insurance	] X	] X	] .	] .	] . ]
Family background	] X	] X	] .	] .	] . ]
Occupation of family head	] X	] X	] .	] .	] . ]
Housing characteristics	] X	] X	] .	] .	] . ]
Family characteristics	] X	] X	] .	] .	] . ]
Orientation	] X	] X	] .	] .	] . ]
Health services	] X	] X	] .	] .	] . ]
Selected health conditions	] X	] X	] X	] .	] . ]
Diabetes questions	] X	] .	] .	] .	] . ]
High blood pressure and cholesterol questions	] X	] .	] .	] .	] . ]
Cardiovascular disease questions	] X	] .	] .	] .	] . ]

Musculoskeletal conditions	] X ] . ] . ] . ] . ]
Physical functioning questions	] X ] . ] . ] . ] . ]
Gallbladder disease questions	] X ] . ] . ] . ] . ]

Location of the interview and examination components in the five NHANES III public release data files (continued)

#### Data File

Topic	] HA ] HY ] EXAM ] LAB ] DIET ]
Kidney conditions	] X ] . ] . ] . ] . ]
Respiratory and allergy questions	] X ] X ] . ] . ] . ]
Diet questions	] X ] . ] . ] . ] . ]
Food frequency	] X ] . ] X ] . ] . ]
Vision questions	] X ] X ] . ] . ] . ]
Hearing questions	] X ] X ] . ] . ] . ]
Dental care and status	] X ] X ] . ] . ] . ]
Tobacco	] X ] . ] X ] . ] . ]
Occupation	] X ] . ] . ] . ] . ]
Language usage	] X ] X ] . ] . ] . ]
Exercise	] X ] . ] . ] . ] . ]
Social support/residence	] X ] . ] . ] . ] . ]
Vitamin/mineral/medicine usage	] X ] X ] X ] . ] . ]
Blood pressure measurement	] X ] . ] X ] . ] . ]
Birth	] . ] X ] X ] . ] . ]
Infant feeding practices/diet	] . ] X ] . ] . ] . ]
Motor and social development	] . ] X ] . ] . ] . ]
Functional impairment	] X ] X ] . ] . ] . ]
School attendance	] . ] X ] . ] . ] . ]

Cognitive function	]	.	]	X	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											

Location of the interview and examination components in the five NHANES III public release data files (continued)

Data File

Topic	]	HA	]	HY	]	EXAM	]	LAB	]	DIET	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Alcohol and drug use	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Reproductive health	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Diagnostic interview schedule	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Activity	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Physician's examination	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Height and weight	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Body measurements	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Dental examination	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Allergy skin test	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Audiometry	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Tympanometry	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
WISC and WRAT	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Spirometry	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Bone densitometry	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Gallbladder ultrasonography	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Central nervous system function evaluation	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Fundus photography	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Physical function evaluation	]	.	]	.	]	X	]	.	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
Fasting questions	]	.	]	.	]	.	]	X	]	.	]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											

Location of the interview and examination components in the five NHANES III public release data files (continued)

## Data File

Topic	] HA	] HY	] EXAM	] LAB	] DIET ]
Laboratory tests on blood and urine	] .	] .	] .	] X	] . ]
Total nutrient intakes	] .	] .	] X	] .	] . ]
Individual foods	] .	] .	] .	] .	] X ]
Combination foods	] .	] .	] .	] .	] X ]
Ingredients	] .	] .	] .	] .	] X ]

### Data File Definitions

HA - Household Adult Data File  
 HY - Household Youth Data File  
 EXAM - Examination Data File  
 LAB - Laboratory Data File  
 DIET - Dietary Recall Data Files

This document includes the documentation for the NHANES III Household Youth Data File and also contains a general overview of the survey and the use of the data files. The general overview includes five sections. The first section, entitled "Guidelines for Data Users," contains important information about the use of the data files. The second section, "Survey Description," is a brief overview of the survey plan and operation. The third section, "Sample Design and Analysis Guidelines," describes some technical aspects of the sampling plan and discusses some analytic issues particularly related to the use of data from complex sample surveys. The "Data Preparation and Processing Procedures" section describes the editing conventions and the codes used to represent the data. The last and fifth section, "General References," includes a reference list for the survey overview sections of the document.

Public Use Data Files for the third National Health and Nutrition Examination Survey will also be available from the National Technical Information Service (NTIS). A list of NCHS public use data tapes available for purchase from NTIS may be obtained from the Data Dissemination Branch at NCHS. Information regarding a bibliography (on disk) of journal articles citing data from all the NHANES and the availability of NHANES III data in CD-ROM/SETS software format can be obtained from the Data Dissemination Branch(301-436-8500) or by writing to:

Data Dissemination Branch  
 National Center for Health Statistics  
 Room 1018  
 6525 Belcrest Road  
 Hyattsville, Maryland 20782

NTIS can be contacted at:

NTIS - Computer Products Office  
5285 Port Royal Road  
Springfield, Virginia 22161  
(703) 487-4807

Copies of all NHANES III questionnaires and data collection forms are included in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94 (NCHS, 1994; U.S. DHHS, 1996). This publication, along with detailed information on NHANES procedures, interviewing, data collection, quality control techniques, survey design, nonresponse, and sample weighting can be found on the NHANES III Reference Manuals and Reports CD-ROM (U.S. DHHS, 1996). Information on how to order this CD-ROM is available from the Data Dissemination Branch at NCHS at the address and telephone number given above.

#### GUIDELINES FOR DATA USERS

Please refer to the following important information before analyzing data.

##### NHANES III Background Documents

- o The Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94, (NCHS, 1994; U.S. DHHS, 1996) provides an overview of the survey and includes copies of the survey forms.
- o The sample design, nonresponse, and analytic guidelines documents on the NHANES III Reference Manuals and Reports CD-ROM (U.S. DHHS, 1996) discuss the reasons that sample weights and the complex survey design should be taken into account when conducting any analysis.
- o Instruction manuals, laboratory procedures, and other NHANES III reference manuals on the NHANES III Reference Manuals and Reports CD-ROM (U.S. DHHS, 1996) are also available for further information on the details of the survey.

##### Analytic Data Set Preparation

- o Most NHANES III survey design and demographic variables are found only on the Adult and Youth Household Data Files. In preparing a data set for analysis, other data files must be merged with either or both of these files to obtain many important analytic variables.
- o All of the NHANES III public use data files are linked with the common survey participant identification number (SEQN). Merging information from multiple NHANES III data files using this variable ensures that the appropriate information for each survey participant is linked correctly.
- o NHANES III public use data files do not have the same number of

records on each file. The Household Questionnaire Files (divided into two files, Adult and Youth) contain more records than the Examination Data File because not everyone who was interviewed completed the examination. The Laboratory Data File contains data only for persons aged one year and older. The Individual Foods Data File based on the dietary recall has multiple records for each person rather than the one record per sample person contained in the other data files.

- o For each data file, SAS program code with standard variable names and labels is provided as separate text files on the CD-ROM that contains the data files. This SAS program code can be used to create a SAS data set from the data file.
- o Modifications were made to items in the questionnaires, laboratory, and examination components over the course of the survey; as a result, data may not be available for certain variables for the full six years. In addition, variables may differ by phase since some changes were implemented between phases. Users are encouraged to read the Notes sections of this document carefully for information about changes.
- o Extremely high and low values have been verified whenever possible, and numerous consistency checks have been performed. Nonetheless, users should examine the range and frequency of values before analyzing data.
- o Some data were not ready for release at the time of this publication due to continued processing of the data or analysis of laboratory specimens. A listing of those data are available in the general information section of each data file.
- o Confidential and administrative data are not being released to the public. Additionally, some variables have been recoded to help protect the confidentiality of the survey participants. For example, all age-related variables were recoded to 90+ years for persons who were 90 years of age and older.
- o Some variable names may differ from those used in the Phase 1 NHANES III Provisional Data Release and some variables included in the Phase 1 provisional release may not appear on these files.
- o Although the data files have been edited carefully, errors may be detected. Please notify NCHS staff (301-436-8500) of any errors in the data file or the documentation.

#### Analytic Considerations

- o NHANES III (1988-94) was designed so that the survey's first three years, 1988-91, its last three years, 1991-94, and the entire six years were national probability samples. Analysts are encouraged to use all six years of survey results.
- o Sample weights are available for analyzing NHANES III data. One of the following three sample weights will be appropriate for nearly all



analyses: interviewed sample final weight (WTPFQX6), examined sample final weight (WTPFEX6), and mobile examination center (MEC)- and home-examined sample final weight (WTPFHX6). Choosing which of these sample weights to use in any analysis depends on the variables being used. A good rule of thumb is to use "the least common denominator" approach. In this approach, the user checks the variables of interest. The variable that was collected on the smallest number of persons is the "least common denominator," and the sample weight that applies to that variable is the appropriate one to use for that analysis. For more detailed information, see the Analytic and Reporting Guidelines for NHANES III (U.S. DHHS, 1996).

#### Referencing or Citing NHANES III Data

- o In publications, please acknowledge NCHS as the original data source. For instance, the reference for the NHANES III Laboratory Data File is:  
  
U.S. Department of Health and Human Services (DHHS). National Center for Health Statistics. Third National Health and Nutrition Examination Survey, 1988-1994, NHANES III Laboratory Data File (CD-ROM). Public Use Data File Documentation Number 76200. Hyattsville, MD.: Centers for Disease Control and Prevention, 1996. Available from National Technical Information Service (NTIS), Springfield, VA. Acrobat. PDF format; includes access software: Adobe Systems, Inc. Acrobat Reader 2.1.
- o Please place the acronym "NHANES III" in the titles or abstracts of journal articles and other publications in order to facilitate the retrieval of such materials in bibliographic searches.

#### SURVEY DESCRIPTION

The third National Health and Nutrition Examination Survey (NHANES III) was the seventh in a series of large health examination surveys conducted in the United States beginning in 1960. Three of these surveys, the National Health Examination Surveys (NHES), were conducted in the 1960's (NCHS, 1965; NCHS, 1967; NCHS, 1969). In 1970, an expanded nutrition component was added to provide data with which to assess nutritional status and dietary practices, and the name was changed to the National Health and Nutrition Examination Survey (Miller, 1973; Engel, 1978; McDowell, 1981). A special survey of Hispanic populations in the United States was conducted during 1982-1984 (NCHS, 1985).

The general structure of the NHANES III sample design was similar to that of the previous NHANES. All of the surveys used complex, multi-stage, stratified, clustered samples of civilian, noninstitutionalized populations. NHANES III was the first NHANES without an upper age limit; in fact, the age range for the survey was two months and older. A home examination option was employed for the first time in order to obtain examination data for very young children and for elderly persons who were unable to visit the mobile examination center (MEC). The home examination included only a subset of the components used in the full MEC examination

since it would have been difficult to collect some types of data in a home setting. A detailed description of design specifications and copies of the data collection forms can be found in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-1994 (NCHS, 1994; U.S. DHHS, 1996).

NHANES III was conducted from October 1988 through October 1994 in two phases, each of which comprised a national probability sample. The first phase was conducted from October 18, 1988, through October 24, 1991, at 44 locations. The second phase was conducted from September 20, 1991, through October 15, 1994, at 45 different locations. In NHANES III, 39,695 persons were selected over the six years; of those, 33,994 (86%) were interviewed in their homes. All interviewed persons were invited to the MEC for a medical examination. Seventy-eight percent (30,818) of the selected persons were examined in the MEC, and an additional 493 persons were given a special, limited examination in their homes.

Data collection began with a household interview. Several questionnaires were administered in the household: Household Screener Questionnaire, Family Questionnaire, Household Adult Questionnaire, and Household Youth Questionnaire.

At the MEC, an examination was performed, and five automated questionnaires or interviews were administered: MEC Adult Questionnaire, MEC Youth Questionnaire, MEC Proxy Questionnaire, 24-Hour Dietary Recall, and Dietary Food Frequency (ages 12-16 years). The health examination component included a variety of tests and procedures. The examinee's age at the time of the interview and other factors determined which procedures were administered. Blood and urine specimens were obtained, and a number of tests and measurements were performed including body measurements, spirometry, fundus photography, x-rays, electrocardiography, allergy and glucose tolerance tests, and ultrasonography. Measurements were taken of bone density, hearing, and physical, cognitive, and central nervous system functions. A physician performed a limited standardized medical examination and a dentist performed a standardized dental examination. While some of the blood and urine analyses were performed in the MEC laboratory, most analyses were conducted elsewhere by contract laboratories.

A home examination was conducted for those sample persons aged 2-11 months and aged 20 years or older who were unable to visit the mobile examination center. The home examination consisted of an abbreviated version of the tests and interviews performed in the MEC. Depending on age of the sample person, the components included body measurements, blood pressure, spirometry, venipuncture, physical function evaluation, and a questionnaire to inquire about infant feeding, selected health conditions, cognitive function, tobacco use, and reproductive history.

## SAMPLE DESIGN AND ANALYSIS GUIDELINES

### Sample Design

The general structure of the NHANES III sample design is the same as that

of the previous NHANES. Each of these surveys used a stratified, multi-stage probability design. The major design parameters of the two previous NHANES and the special Hispanic HANES, as well as NHANES III, have been previously summarized (Miller, 1973; McDowell, 1981; NCHS, 1985; NCHS, 1994). The NHANES III sample was designed to be self-weighting within a primary sampling unit (PSU) for subdomains (age, sex, and race-ethnic groups). While the sample was fairly close to self-weighting nationally for each of these subdomain groups, it was not representative of the total population, which includes institutionalized, non-civilian persons that were outside the scope of the survey.

The NHANES III sample represented the total civilian, noninstitutionalized population, two months of age or over, in the 50 states and the District of Columbia of the United States. The first stage of the design consisted of selecting a sample of 81 PSU's that were mostly individual counties. In a few cases, adjacent counties were combined to keep PSU's above a minimum population size. The PSU's were stratified and selected with probability proportional to size (PPS). Thirteen large counties (strata) were chosen with certainty (probability of one). For operational reasons, these 13 certainty PSU's were divided into 21 survey locations. After the 13 certainty strata were designated, the remaining PSU's in the United States were grouped into 34 strata, and two PSU's were selected per stratum (68 survey locations). The selection was done with PPS and without replacement. The NHANES III sample therefore consists of 81 PSU's or 89 locations.

The 89 locations were randomly divided into two groups, one for each phase. The first group consisted of 44 and the other of 45 locations. One set of PSU's was allocated to the first three-year survey period (1988-91) and the other set to the second three-year period (1991-94). Therefore, unbiased estimates (from the point of view of sample selection) of health and nutrition characteristics can be independently produced for both Phase 1 and Phase 2 as well as for both phases combined.

For most of the sample, the second stage of the design consisted of area segments composed of city or suburban blocks, combinations of blocks, or other area segments in places where block statistics were not produced in the 1980 Census. In the first phase of NHANES III, the area segments were used only for a sample of persons who lived in housing units built before 1980. For units built in 1980 and later, the second stage consisted of sets of addresses selected from building permits issued in 1980 or later. These are referred to as "new construction segments." In the second phase, 1990 Census data and maps were used to define the area segments. Because the second phase followed within a few years of the 1990 Census, new construction did not account for a significant part of the sample, and the entire sample came from the area segments.

The third stage of sample selection consisted of households and certain types of group quarters, such as dormitories. All households and eligible group quarters in the sample segments were listed, and a subsample was designated for screening to identify potential sample persons. The subsampling rates enabled production of a national, approximately equal-probability sample of households in most of the United States with higher rates for the geographic strata with high Mexican-American populations. Within each geographic stratum, there was a nearly

equal-probability sample of households across all 89 stands.

Persons within the sample of households or group quarters were the fourth stage of sample selection. All eligible members within a household were listed, and a subsample of individuals was selected based on sex, age, and race or ethnicity. The definitions of the sex, age, race or ethnic classes, subsampling rates, and designation of potential sample persons within screened households were developed to provide approximately self-weighting samples for each subdomain within geographic strata and at the same time to maximize the average number of sample persons per sample household. Previous NHANES indicated that this increased the overall participation rate. Although the exact sample sizes were not known until data collection was completed, estimates were made. Below is a summary of the sample sizes for the full six-year NHANES III at each stage of selection:

Number of PSU's	81
Number of stands (survey locations)	89
Number of segments	2,144
Number of households screened	93,653
Number of households with sample persons	19,528
Number of designated sample persons	39,695
Number of interviewed sample persons	33,994
Number of MEC-examined sample persons	30,818
Number of home-examined sample persons	493

More detailed information on the sample design and weighting and estimation procedures for NHANES III can be found in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94 (NCHS, 1994; U.S. DHHS, 1996) and in the Analytic and Reporting Guidelines: Third National Health and Nutrition Examination Survey (NHANES III), 1988-94 (U.S. DHHS, 1996).

#### Analysis Guidelines

Because of the complex survey design used in NHANES III, traditional methods of statistical analysis based on the assumption of a simple random sample are not applicable. Detailed descriptions of this issue and possible analytic methods for analyzing NHANES data have been described earlier (NCHS, 1985; Yetley, 1987; Landis, 1982; Delgado, 1990). Recent analytic and reporting guidelines that should be used for most NHANES III analyses and publications are contained in Analytic and Reporting Guidelines (U.S. DHHS, 1996). These recommendations differ slightly from those used by analysts for previous NHANES surveys. These suggested guidelines provide a framework to users for producing estimates that conform to the analytic design of the survey. All users are strongly urged to review these analytic and reporting guidelines before beginning any analyses of NHANES III data.

It is important to remember that this set of statistical guidelines is not absolute. When conducting analyses, the analyst needs to use his/her subject matter knowledge (including methodological issues) as well as information about the survey design. The more one deviates from the original analytic categories defined in the sample design, the more important it is to evaluate the results carefully and to interpret the findings cautiously.

In NHANES III, 89 survey locations were randomly divided into two sets or

phases, the first consisting of 44 and the other of 45 locations. One set of PSU's was allocated to the first three-year survey period (1988-91) and the other set to the second three-year period (1991-94). Therefore, unbiased national estimates of health and nutrition characteristics can be independently produced for each phase as well as for both phases combined. Computation of national estimates from both phases combined (i.e., total NHANES III) is the preferred option; individual phase estimates may be highly variable. In addition, individual phase estimates are not statistically independent. It is also difficult to evaluate whether differences in individual phase estimates are real or due to methodological differences. That is, differences may be due to changes in sampling methods or data collection methodology over time. At this time, there is no valid statistical test for examining differences between Phase 1 and Phase 2. Therefore, although point estimates can be produced separately for each phase, no test is available to test whether those estimates are significantly different from each other.

NHANES III is based on a complex, multi-stage probability sample design. Several aspects of the NHANES design must be taken into account in data analysis, including the sample weights and the complex survey design. Appropriate sample weights are needed to estimate prevalence, means, medians, and other statistics. Sample weights are used to produce correct population estimates because each sample person does not have the same probability of selection. The sample weights incorporate the differential probabilities of selection and include adjustments for noncoverage and nonresponse. A detailed discussion of nonresponse adjustments and issues related to survey coverage have been published (U.S. DHHS, 1996). With the large oversampling of young children, older persons, black persons, and Mexican-Americans in NHANES III, it is essential that the sample weights be used in all analyses. Otherwise, a misinterpretation of results is highly likely. Other aspects of the design that must be taken into account in data analyses are the strata and PSU pairings from the sample design. These pairings should be used to estimate variances and test for statistical significance. For weighted analyses, analysts can use special computer software packages that use an appropriate method for estimating variances for complex samples such as SUDAAN (Shah, 1995) and WesVarPC (Westat, 1996).

Although initial exploratory analyses may be performed on unweighted data using standard statistical packages and assuming simple random sampling, final analyses should be done on weighted data using appropriate sample weights. A summary of the weighting methodology and the type of sample weights developed for NHANES III is included in Weighting and Estimation Methodology (U.S. DHHS, 1996).

The purpose of weighting the sample data is to permit analysts to produce estimates of statistics that would have been obtained if the entire sampling frame (the United States) had been surveyed. Sample weights can be considered as measures of the number of persons the particular sample observation represents. Weighting takes into account several features of the survey: the specific probabilities of selection for the individual domains that were oversampled as well as nonresponse and differences between the sample and the total U.S. population. Differences between the sample and

the population may arise due to sampling variability, differential undercoverage in the survey among demographic groups, and possibly other

types of response errors, such as differential response rates or misclassification errors. Sample weighting in NHANES III was used to:

1. Compensate for differential probabilities of selection among subgroups (i.e., age-sex-race-ethnicity subdomains where persons living in different geographic strata were sampled at different rates);
2. Reduce biases arising from the fact that nonrespondents may be different from those who participate;
3. Bring sample data up to the dimensions of the target population totals;
4. Compensate, to the extent possible, for inadequacies in the sampling frame (resulting from omissions of some housing units in the listing of area segments, omissions of persons with no fixed address, etc.); and
5. To reduce variances in the estimation procedure by using auxiliary information that is known with a high degree of accuracy.

In NHANES III, the sample weighting was carried out in three stages. The first stage involved the computation of weights to compensate for unequal probabilities of selection (objective 1, above). The second stage adjusted for nonresponse (objective 2). The third stage used poststratification of the sample weights to Census Bureau estimates of the U.S. population to accomplish the third, fourth, and fifth objectives simultaneously. In NHANES III, several types of sample weights (see the sample weights table that follows) were computed for the interviewed and examined sample and are included in the NHANES III data file. Also, sample weights were computed separately for Phase 1 (1988-91), Phase 2 (1991-94), and total NHANES III (1988-94) to facilitate analysis of items collected only in Phase 1, only in Phase 2, and over six years of the survey. Three sets of pseudo strata and PSU pairings are provided to use with SUDAAN in variance estimation. Since NHANES III is based on a complex, multi-stage sample design, appropriate sample weights should be used in analyses to produce national estimates of prevalence and associated variances while accounting for unequal probability of selection of sample persons. For example, the final interview weight, WTPFQX6, should be used for analysis of the items or questions from the family or household questionnaires, and the final MEC examination weight, WTPFEX6, should be used for analysis of the questionnaires and measurements administered in the MEC. Furthermore, for a combined analysis of measurements from the MEC examinations and associated medical history questions from the household interview, the final MEC examination weight, WTPFEX6, should be used. We recommend using SUDAAN (Shah, 1995) to estimate statistics of interest and the associated variance. However, one can also use other published methods for variance estimation. Application of SUDAAN and alternative methods, such as the average design effect approach, balance repeated replication (BRR) methods, or jackknife methods for variance estimation, are discussed in Weighting and Estimation Methodology (U.S. DHHS, 1996).

#### Appropriate Uses of the NHANES III Sample Weights

##### Final interview weight, WTPFQX6

Use only in conjunction with the sample interviewed at home and with items collected during the household interview.

Final examination (MEC only) weight, WTPFEX6

Use only in conjunction with the MEC-examined sample and with interview and examination items collected at the MEC.

Final MEC+home examination weight, WTPFHX6

Use only in conjunction with the MEC+home-examined sample and with items collected at both the MEC and home.

Final allergy weight, WTPFALG6

Use only in conjunction with the allergy subsample and with items collected as part of the allergy component of the exam.

Final CNS weight, WTPFCNS6

Use only in conjunction with the CNS subsample and with items collected as part of the CNS component of the exam.

Final morning examination (MEC only) subsample weight, WTPFSD6

Use only in conjunction with the MEC-examined persons assigned to the morning subsample and only with items collected in the MEC exam.

Final afternoon/evening examination (MEC only) subsample weight, WTPFMD6

Use only in conjunction with the MEC-examined persons assigned to the afternoon/evening subsample and only with items collected in the MEC exam.

Final morning examination (MEC+home) subsample weight, WTPFHSD6

Use only in conjunction with the MEC- and home-examined persons assigned to the morning subsample and with items collected during the MEC and home examinations.

Final afternoon/evening examination (MEC+home) weight, WTPFHMD6

Use only in conjunction with the MEC- and home-examined persons assigned to the afternoon/evening subsample and with items collected during the MEC and home examinations.

Automated data collection procedures for the survey were introduced in NHANES III. In the mobile examination centers, data for the interview and examination components were recorded directly onto a computerized data collection form. With the exception of a few independently automated systems, the system was centrally integrated. This operation allowed for ongoing monitoring of much of the data. Before the introduction of the computer-assisted personal interview (CAPI), the household questionnaire data were reviewed manually by field editors and interviewers. CAPI (1992-1994 only) questionnaires featured built-in edits to prevent entering inconsistencies and out-of-range responses. The multi-level data collection and quality control systems are discussed in detail in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-1994 (NCHS, 1994; U.S. DHHS, 1996). All interview, laboratory, and examination data were sent to NCHS for final processing.

Guidelines were developed that provided standards for naming variables, filling missing values and coding conventional responses, handling missing records, and standardizing two-part quantity/unit questionnaire variables. NCHS staff, assisted by contract staff, developed data editing specifications that checked data sets for valid codes, ranges, and skip pattern consistencies and examined the consistency of values between interrelated variables. Comments, collected in both interviews and examination components, were reviewed and recoded when possible. Responses to "Other" and "Specify" were recoded either to existing code categories or to new categories. The documentation for each data set includes notes for those variables that have been recoded and standardized and for those variables that differ significantly from what appears in the original data collection instrument. While the data have undergone many quality control and editing procedures, there still may be values that appear extreme or illogical. Values that varied considerably from what was expected were examined by analysts who checked for comments or other responses that might help to clarify unusual values. Generally, values were retained unless they could not possibly be true, in which case they were changed to "Blank but applicable." Therefore, the user must review each data set for extreme or inconsistent values and determine the status of each value for analysis.

Several editing conventions were used in the creation of final analytic data sets:

1. Standardized variables were created to replace all two-part quantity/unit questions using standard conversion factors. Standardized variables have the same name as the variable of the two-part question with an "S" suffix. For instance, MAPF18S (Months received WIC benefits) in the MEC Adult Questionnaire was created from the two-part response option to question F18, "How long did you receive benefits from the WIC program?," using the conversion factor 12 months per year.
2. Recoded variables were created by combining responses from two or more like variables, or by collapsing responses to create a summary variable for the purpose of confidentiality. Recoded variables have the original variable name with an R suffix. For example, place of birth variable (HFA6X) in the Family Questionnaire was collapsed to a three level response category (U.S., Mexico, Other) and renamed HFA6XCR. Generally, only the recoded variable has been included in the data file.



3. Fill values, a series of one or more digits, were used to represent certain specific conditions or responses. Below is a list of the fill values that were employed. Some of the fill values pertain only to questionnaire data, although 8-fill and blank-fill values are found in all data sets. Other fill values, not included in this list, are used to represent component-specific conditions.

6-fills = Varies/varied. (Questionnaires only)

7-fills = Fewer than the smallest number that could be reported within the question structure (e.g., fewer than one cigarette per day). (Questionnaires only)

8-fills = Blank but applicable/cannot be determined. This means that a respondent was eligible to receive the question, test, or component but did not because of refusal, lack of time, lack of staff, loss of data, broken vial, language barrier, unreliability, or other similar reasons.

9-fills = Don't know. This fill was used only when a respondent did not know the response to a question and said, "I don't know." (Questionnaires only)

Blank fills = Inapplicable. If a respondent was not eligible for a questionnaire, test, or component because of age, gender, or specific reason, the variable was blank-filled. In the questionnaire, if a respondent was not asked a question because of a skip-pattern, variables corresponding to the question were blank-filled. For examination or laboratory components, if a person was excluded by a defined protocol (e.g., screening exclusion questions) and these criteria are included in the data set, then the corresponding variables were blank-filled for that person. For home examinees, variables for examination components and blood tests not performed as part of the home examination protocol were blank-filled.

4. For variables describing discrete data, codes of zero (0) were used to mean "none," "never," or the equivalent. Value labels for which "0" is used include: "has not had," "never regularly," "still taking," or "never stopped using." Unless otherwise labeled, for variables containing continuous data, "zero" means "zero."
5. Where there are logical skip patterns in the flow of the questionnaire or examination component, the skip was indicated by placing the variable label of the skip destination in parentheses as part of the value label of the response generating the skip. For example, in the Physical Function Evaluation, the variable PFPWC (in wheelchair) has a value label, "2 No (PFPSOOT)" that means that the next item for persons not in a wheelchair would be represented by the variable, PFPSOOT.

#### Variable Nomenclature

A unique name was assigned to every NHANES III variable using a standard convention. By following this naming convention, the origin of each

variable is clear, and there is no chance of overlaying similar variables across multiple components. Variables range in length from three to eight characters. The first two variable characters represent the topic (e.g., analyte, questionnaire instrument, examination component) and are listed below alphabetically by topic. For questionnaires administered in the household, the remainder of the variable name following the first two

characters indicates the question section and number. For example, data for the response to the Household Adult Questionnaire question B1 are contained in the variable HAB1. For most laboratory and examination variables, as well as some other variables, a "P" in the third position refers to "primary" and the remainder of the variable name is a brief description of the item. For instance, in the Laboratory Data File, information on the length of time the person fasted before the first blood draw is contained in the variable PHPFAST. The variable PHPFAST was derived as follows: characters 1-2 (PH) refer to "phlebotomy," character 3 (P) refers to "primary," characters 4-8 (FAST) refer to an abbreviation for "fasting."

CODE	TOPIC
AT	Alanine aminotransferase (from biochemistry profile)
AM	Albumin (from biochemistry profile)
AP	Alkaline phosphatase (from biochemistry profile)
AL	Allergy skin test
AC	Alpha carotene
AN	Anisocytosis
AA	Apolipoprotein (AI)
AB	Apolipoprotein (B)
AS	Aspartate aminotransferase (from biochemistry profile)
LA	Atypical lymphocyte
AU	Audiometry
BA	Band
BO	Basophil
BS	Basophilic stippling
BC	Beta carotene
BX	Beta cryptoxanthin
BL	Blast
BU	Blood urea nitrogen (BUN) (from biochemistry profile)
BM	Body measurements
BD	Bone densitometry
C1	C-peptide (first venipuncture)
C2	C-peptide (second venipuncture)
CR	C-reactive protein
UD	Cadmium
CN	Central nervous system function evaluation
CL	Chloride (from biochemistry profile)
CO	Cotinine
CE	Creatinine (serum)(from biochemistry profile)
UR	Creatinine (urine)
DM	Demographic
DE	Dental examination
MQ	Diagnostic interview schedule
DR	Dietary recall (total nutrient intakes)
EO	Eosinophil

EP	Erythrocyte protoporphyrin
FR	Ferritin
FB	Fibrinogen
RB	Folate (RBC)
FO	Folate (serum)
FH	Follicle stimulating hormone (FSH)
FP	Fundus photography

CODE	TOPIC
GG	Gamma glutamyl transferase (GGT) (from biochemistry profile)
GU	Gallbladder ultrasonography
GB	Globulin (from biochemistry profile)
G1	Glucose (first venipuncture)
G2	Glucose (second venipuncture)
SG	Glucose (from biochemistry profile)
GH	Glycated hemoglobin
GR	Granulocyte
C3	HCO <sub>3</sub> (Bicarbonate)(from biochemistry profile)
HD	HDL cholesterol
HP	Helicobacter pylori antibody
HT	Hematocrit
HG	Hemoglobin
AH	Hepatitis A antibody (HAV)
HB	Hepatitis B core antibody (anti-HBc)
SS	Hepatitis B surface antibody (anti-HBs)
SA	Hepatitis B surface antigen (HBsAg)
HC	Hepatitis C antibody (HCV)
DH	Hepatitis D antibody (HDV)
H1	Herpes 1 antibody
H2	Herpes 2 antibody
HX	Home examination (general)
HF	Household family questionnaire
HA	Household adult questionnaire
HQ	Household questionnaire variables (composite)
HS	Household screener questionnaire
HY	Household youth questionnaire
HZ	Hypochromia
I1	Insulin (first venipuncture)
I2	Insulin (second venipuncture)
UI	Iodine (urine)
FE	Iron
SF	Iron (from biochemistry profile)
LD	Lactate dehydrogenase (from biochemistry profile)
L1	Latex antibody
LC	LDL cholesterol (calculated)
PB	Lead
LP	Lipoprotein (a)
LH	Luteinizing hormone
LU	Lutein/zeaxanthin
LY	Lycopene
LM	Lymphocyte
MR	Macrocyte
MC	Mean cell hemoglobin (MCH)
MH	Mean cell hemoglobin concentration (MCHC)

MV	Mean cell volume (MCV)
PV	Mean platelet volume
MA	MEC adult questionnaire
MX	MEC examination (general)
FF	Dietary food frequency (ages 12-16 years)
MP	MEC proxy questionnaire
MY	MEC youth questionnaire
ME	Metamyelocyte
MI	Microcyte
MO	Monocyte
MN	Mononuclear cell
ML	Myelocyte

CODE	TOPIC
IC	Normalized calcium (derived from ionized calcium)
OS	Osmolality (from biochemistry profile)
PH	Phlebotomy data collected in MEC (e.g., questions)
PS	Phosphorus (from biochemistry profile)
PF	Physical function evaluation
PE	Physician's examination
PL	Platelet
DW	Platelet distribution width
PK	Poikilocytosis
PO	Polychromatophilia
SK	Potassium (from biochemistry profile)
PR	Promyelocyte
RC	Red blood cell count (RBC)
RW	Red cell distribution width (RDW)
RE	Retinyl esters
RF	Rheumatoid factor antibody
RU	Rubella antibody
WT	Sample weights
SE	Selenium
SI	Sickle cell
NA	Sodium (from biochemistry profile)
SH	Spherocyte
SP	Spirometry
SD	Survey design
TT	Target cell
TE	Tetanus
TB	Total bilirubin (from biochemistry profile)
CA	Total calcium
SC	Total calcium (from biochemistry profile)
TC	Total cholesterol
CH	Total cholesterol (from biochemistry profile)
TI	Total iron binding capacity (TIBC)
TP	Total protein (from biochemistry profile)
TX	Toxic granulation
TO	Toxoplasmosis antibody
PX	Transferrin saturation
TG	Triglycerides
TR	Triglycerides (from biochemistry profile)
TY	Tympanometry
UA	Uric acid (from biochemistry profile)

UB	Urinary albumin
VU	Vacuolated cells
VR	Varicella antibody
VA	Vitamin A
VB	Vitamin B12
VC	Vitamin C
VE	Vitamin E
WC	White blood cell count (WBC)
WW	WISC/WRAT cognitive test

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### NHANES III Household Youth Data File

#### GENERAL INFORMATION

The NHANES III Household Youth Questionnaire Data File contains all data collected during the household interviews for children and youths 2 months to 16 years of age. Demographic data, survey design variables, and sampling weights for this age group are also included. This first section provides a brief background and information about the contents of the Household Youth Questionnaire Data File. The second section is the Data File Index, a listing of all of the variables with the standard names and their positions in the data set. The third section contains the frequency counts and codes for all of the variables, followed by notes and appendices. References are found in the fourth section.

The data that comprise this file were obtained from three separate interviews administered in the household: the Screener, the Family, and Household Youth questionnaires. The Screener was a brief interview administered to all households within selected sampling units to determine eligibility for participation in the survey. Information obtained from the Screener questionnaire was the basis for the demographic variables, and survey-related variables. The purpose of the Family questionnaire was to obtain data on educational levels, occupation, health insurance coverage, income, and food security of family members, and to record characteristics of the house itself. The Household Youth questionnaire was administered to a proxy respondent,

usually the child's parent or guardian. Questions on topics such as birth experience, motor and social development, health services usage, dental care, selected medical conditions, school attendance, language, and vitamin, mineral and medicine usage were asked according to age subgroups. The Household Youth questionnaire was completed for 13,944 children and youths ages 2 months - 16 years of age during the six years of NHANES III.

Interviews were conducted by field staff, in both English and Spanish. All staff received intensive initial training, and formal retraining was conducted throughout the survey to ensure that high skill levels were maintained. The data collection system was automated in Phase 2, at which time interviews were conducted using CAPI (computer-assisted personal interview). Details on survey instruments and forms, training manuals and data collection procedures are published elsewhere (U.S. DHHS, 1996).

Data processing and editing were performed for consistency of responses within sections of the questionnaire sections. Identifiable information including names, addresses, and social security numbers, as well as other administrative items were excluded from the data file in order to ensure confidentiality. Notes are provided both for standardized and recoded variables, and for variables requiring additional explanation. Hand cards and other diagrams that were used during interviews are located with copies of the survey instruments in the Plan and Operation of the Third National Health and Nutrition Examination Survey (U.S. DHHS, 1996). Users should note that because questions were modified, reordered, added, or deleted, this documentation may not follow the exact ordering of the questions on survey instruments.

Since NHANES III was based on a complex multistage design, appropriate sample weights should be used in analyses to produce national estimates and associated variances. The final interview weights WTPFQX6 should be used for analysis of interview data alone. If interview data are combined with examination, laboratory or dietary data, the total MEC weights (WTPFEX6) or MEC+home weights (WTPFHX6) should be used.

NHANES III Household Youth Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)		
GENERAL INFORMATION		
Sequence number .....	SEQN	1-5
GENERAL INFORMATION		
Family sequence number .....	DMPFSEQ	6-10
Examination/interview status .....	DMPSTAT	11
Race-ethnicity .....	DMARETHN	12

Race .....	DMARACER	13
Ethnicity .....	DMAETHNR	14

#### GENERAL INFORMATION

Sex .....	HSSEX	15
Date of screener: month .....	HSDOIMO	16-17
Age at interview (screener) - qty .....	HSAGEIR	18-19
Age at interview (screener) - unit .....	HSAGEU	20
Age in months at interview (screener) .....	HSAITMOR	21-24
Family size (persons in family) .....	HSFSIZER	25-26
Household size (persons in dwelling) .....	HSHSIZER	27-28

#### GENERAL INFORMATION

County code .....	DMPCNTYR	29-31
FIPS code for State .....	DMPFIPSR	32-33
Rural/urban code based on USDA code .....	DMPMETRO	34
Census region, weighting(Texas in south) ....	DMPCREGN	35
Poverty Income Ratio (unimputed income) .....	DMPPIR	36-41

#### SURVEY DESIGN DATA

#### GENERAL INFORMATION

Phase of NHANES III Survey .....	SDPPHASE	42
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### NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Total NHANES III pseudo-PSU .....	SDPPSU6	43
Total NHANES III pseudo-stratum .....	SDPSTRA6	44-45
Pseudo-PSU for phase 1 .....	SDPPSU1	46
Pseudo-stratum for phase 1 .....	SDPSTRA1	47-48
Pseudo-PSU for phase 2 .....	SDPPSU2	49
Pseudo-stratum for phase 2 .....	SDPSTRA2	50-51

#### SAMPLING WEIGHTS

#### TOTAL NHANES III (1988-94)

Total interviewed sample final weight .....	WTPFQX6	52-59
Total MEC examined sample final weight .....	WTPFEX6	60-67
Total M+H examined sample final weight .....	WTPFHX6	68-75
Total allergy subsample final weight .....	WTPFALG6	76-83
Total CNS subsample final weight .....	WTPFCNS6	84
Total morning subsample final wgt .....	WTPFSD6	85-93
Total afternoon/eve subsample final wgt .....	WTPFMD6	94-102
Total M+H morning subsample final wgt .....	WTPFHSD6	103-111
Total M+H afternoon subsample final wgt .....	WTPFHMD6	112-120



# NHANES III PHASE 1 (1988-91)

Phase 1 interviewed sample final wgt .....	WTPFQX1	121-129
Phase 1 MEC examined sample final wgt .....	WTPFEX1	130-138
Phase 1 M+H examined sample final wgt .....	WTPFHX1	139-147
Phase 1 allergy subsample final wgt .....	WTPFALG1	148-156
Phase 1 CNS subsample final wgt .....	WTPFCNS1	157
Phase 1 morning sess subsample final wgt ....	WTPFSD1	158-166
Phase 1 aft/eve subsample final wgt .....	WTPFMD1	167-175
Phase 1 morning M+H subsample final wgt .....	WTPFHSD1	176-184
Phase 1 aft/eve M+H subsample final wgt .....	WTPFHMD1	185-193

# NHANES III PHASE 2 (1991-94)

Phase 2 interviewed sample final wgt .....	WTPFQX2	194-202
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## NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Phase 2 MEC examined sample final wgt .....	WTPFEX2	203-211
Phase 2 M+H examined sample final wgt .....	WTPFHX2	212-220
Phase 2 allergy subsample final wgt .....	WTPFALG2	221-229
Phase 2 CNS subsample final wgt .....	WTPFCNS2	230
Phase 2 morning sess subsample final wgt ....	WTPFSD2	231-239
Phase 2 aft/eve subsample final wgt .....	WTPFMD2	240-248
Phase 2 morning M+H subsample final wgt .....	WTPFHSD2	249-257
Phase 2 aft/eve M+H subsample final wgt .....	WTPFHMD2	258-266

## FAY'S BRR REPLICATE INTERVIEW WEIGHTS

### TOTAL NHANES III (1988-94)

Replicate 1 final interview weight .....	WTPQRP1	267-274
Replicate 2 final interview weight .....	WTPQRP2	275-282
Replicate 3 final interview weight .....	WTPQRP3	283-291
Replicate 4 final interview weight .....	WTPQRP4	292-299
Replicate 5 final interview weight .....	WTPQRP5	300-308
Replicate 6 final interview weight .....	WTPQRP6	309-316
Replicate 7 final interview weight .....	WTPQRP7	317-325
Replicate 8 final interview weight .....	WTPQRP8	326-333
Replicate 9 final interview weight .....	WTPQRP9	334-342
Replicate 10 final interview weight .....	WTPQRP10	343-351
Replicate 11 final interview weight .....	WTPQRP11	352-360
Replicate 12 final interview weight .....	WTPQRP12	361-369
Replicate 13 final interview weight .....	WTPQRP13	370-378
Replicate 14 final interview weight .....	WTPQRP14	379-386
Replicate 15 final interview weight .....	WTPQRP15	387-394
Replicate 16 final interview weight .....	WTPQRP16	395-403
Replicate 17 final interview weight .....	WTPQRP17	404-411

Replicate 18 final interview weight .....	WTPQRP18	412-420
Replicate 19 final interview weight .....	WTPQRP19	421-428
Replicate 20 final interview weight .....	WTPQRP20	429-436
Replicate 21 final interview weight .....	WTPQRP21	437-445
Replicate 22 final interview weight .....	WTPQRP22	446-454
Replicate 23 final interview weight .....	WTPQRP23	455-462
Replicate 24 final interview weight .....	WTPQRP24	463-470
Replicate 25 final interview weight .....	WTPQRP25	471-478

NHANES III Household Youth Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Replicate 26 final interview weight .....	WTPQRP26	479-486
Replicate 27 final interview weight .....	WTPQRP27	487-494
Replicate 28 final interview weight .....	WTPQRP28	495-503
Replicate 29 final interview weight .....	WTPQRP29	504-512
Replicate 30 final interview weight .....	WTPQRP30	513-521
Replicate 31 final interview weight .....	WTPQRP31	522-530
Replicate 32 final interview weight .....	WTPQRP32	531-538
Replicate 33 final interview weight .....	WTPQRP33	539-546
Replicate 34 final interview weight .....	WTPQRP34	547-554
Replicate 35 final interview weight .....	WTPQRP35	555-562
Replicate 36 final interview weight .....	WTPQRP36	563-571
Replicate 37 final interview weight .....	WTPQRP37	572-580
Replicate 38 final interview weight .....	WTPQRP38	581-589
Replicate 39 final interview weight .....	WTPQRP39	590-597
Replicate 40 final interview weight .....	WTPQRP40	598-605
Replicate 41 final interview weight .....	WTPQRP41	606-614
Replicate 42 final interview weight .....	WTPQRP42	615-623
Replicate 43 final interview weight .....	WTPQRP43	624-631
Replicate 44 final interview weight .....	WTPQRP44	632-639
Replicate 45 final interview weight .....	WTPQRP45	640-648
Replicate 46 final interview weight .....	WTPQRP46	649-656
Replicate 47 final interview weight .....	WTPQRP47	657-665
Replicate 48 final interview weight .....	WTPQRP48	666-674
Replicate 49 final interview weight .....	WTPQRP49	675-682
Replicate 50 final interview weight .....	WTPQRP50	683-691
Replicate 51 final interview weight .....	WTPQRP51	692-699
Replicate 52 final interview weight .....	WTPQRP52	700-707

FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS

TOTAL NHANES III (1988-94)

Replicate 1 final exam weight .....	WTPXRP1	708-715
Replicate 2 final exam weight .....	WTPXRP2	716-724
Replicate 3 final exam weight .....	WTPXRP3	725-733
Replicate 4 final exam weight .....	WTPXRP4	734-742
Replicate 5 final exam weight .....	WTPXRP5	743-750
Replicate 6 final exam weight .....	WTPXRP6	751-758

NHANES III Household Youth Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Replicate 7 final exam weight .....	WTPXRP7	759-767
Replicate 8 final exam weight .....	WTPXRP8	768-775
Replicate 9 final exam weight .....	WTPXRP9	776-784
Replicate 10 final exam weight .....	WTPXRP10	785-793
Replicate 11 final exam weight .....	WTPXRP11	794-802
Replicate 12 final exam weight .....	WTPXRP12	803-811
Replicate 13 final exam weight .....	WTPXRP13	812-820
Replicate 14 final exam weight .....	WTPXRP14	821-828
Replicate 15 final exam weight .....	WTPXRP15	829-836
Replicate 16 final exam weight .....	WTPXRP16	837-845
Replicate 17 final exam weight .....	WTPXRP17	846-853
Replicate 18 final exam weight .....	WTPXRP18	854-862
Replicate 19 final exam weight .....	WTPXRP19	863-870
Replicate 20 final exam weight .....	WTPXRP20	871-878
Replicate 21 final exam weight .....	WTPXRP21	879-886
Replicate 22 final exam weight .....	WTPXRP22	887-895
Replicate 23 final exam weight .....	WTPXRP23	896-904
Replicate 24 final exam weight .....	WTPXRP24	905-913
Replicate 25 final exam weight .....	WTPXRP25	914-921
Replicate 26 final exam weight .....	WTPXRP26	922-929
Replicate 27 final exam weight .....	WTPXRP27	930-937
Replicate 28 final exam weight .....	WTPXRP28	938-946
Replicate 29 final exam weight .....	WTPXRP29	947-955
Replicate 30 final exam weight .....	WTPXRP30	956-964
Replicate 31 final exam weight .....	WTPXRP31	965-973
Replicate 32 final exam weight .....	WTPXRP32	974-981
Replicate 33 final exam weight .....	WTPXRP33	982-989
Replicate 34 final exam weight .....	WTPXRP34	990-997
Replicate 35 final exam weight .....	WTPXRP35	998-1006
Replicate 36 final exam weight .....	WTPXRP36	1007-1015
Replicate 37 final exam weight .....	WTPXRP37	1016-1024
Replicate 38 final exam weight .....	WTPXRP38	1025-1033
Replicate 39 final exam weight .....	WTPXRP39	1034-1041
Replicate 40 final exam weight .....	WTPXRP40	1042-1049
Replicate 41 final exam weight .....	WTPXRP41	1050-1058
Replicate 42 final exam weight .....	WTPXRP42	1059-1067
Replicate 43 final exam weight .....	WTPXRP43	1068-1075
Replicate 44 final exam weight .....	WTPXRP44	1076-1083
Replicate 45 final exam weight .....	WTPXRP45	1084-1092

NHANES III Household Youth Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Replicate 46 final exam weight .....	WTPXRP46	1093-1100
Replicate 47 final exam weight .....	WTPXRP47	1101-1109
Replicate 48 final exam weight .....	WTPXRP48	1110-1118
Replicate 49 final exam weight .....	WTPXRP49	1119-1126
Replicate 50 final exam weight .....	WTPXRP50	1127-1134
Replicate 51 final exam weight .....	WTPXRP51	1135-1143
Replicate 52 final exam weight .....	WTPXRP52	1144-1151

#### HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

##### GENERAL INFORMATION

Age in months at youth interview .....	HYAITMO	1152-1155
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#### MEC EXAMINATION

##### GENERAL INFORMATION

Language used by SP in MEC .....	MXPLANG	1156
Session for MEC examination .....	MXPSESSR	1157
Date of MEC exam time in: month .....	MXPTIMO	1158-1159
Day of week of MEC exam .....	MXPTIDW	1160
Age in months at MEC exam .....	MXPAXTMR	1161-1163

#### HOME EXAMINATION

##### GENERAL INFORMATION

Session for home examination .....	HXPSESSR	1164
Date of home exam: month .....	HXPTIMO	1165-1166
Day of week of home exam .....	HXPTIDW	1167
Age in months at home exam .....	HXPAXTMR	1168-1169

#### HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

##### GENERAL INFORMATION

Version of household family quex .....	HFVERS	1170
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### NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Family interviewer number .....	HFINTVR	1171-1174
Language of family interview .....	HFLANG	1175

#### SECTION A. INDIVIDUAL CHARACTERISTICS

State or foreign country of birth .....	HFA6XCR	1176
Highest grade or yr of school completed .....	HFA8R	1177-1178
Marital status .....	HFA12	1179-1180
Military service .....	HFA13	1181

#### SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE

Any SP covered by Medicare in last month ....	HFB1	1182
Covered by Medicare in last month .....	HFB2	1183
Type of Medicare coverage .....	HFB3	1184
Covered by Medicare last mo for hospital ....	HFB4	1185
Covered by Medicare last mo for doctor .....	HFB5	1186
Any SP covered by Medicaid in last month ....	HFB6	1187
Covered by Medicaid in last month .....	HFB7	1188
Any SP covered by CHAMPUS, etc, last mo ....	HFB8	1189
Covered by CHAMPUS/VA/military last mo .....	HFB9	1190
Any SP cov by other health insur last mo ....	HFB10	1191
Covered by other health insur last month ....	HFB11	1192
Any plan cover any hospital expenses .....	HFB11A	1193
Any plan cover routine doctor's care .....	HFB11B	1194
Any plan cover dental care (phase 2) .....	HFB11C	1195
Any plan from employer or union (phase2) ....	HFB11D	1196
Covered plan pays for operations (ph 1) .....	HFB11E	1197
Refused/limited insur, poor health (ph2) ....	HFB12	1198
Insurance coverage check item .....	HFB13	1199
No insurance: unemployed or related(ph1) ....	HFB14AB	1200
No insur: poor health, illness, age(ph1) ....	HFB14AC	1201
No insurance: can't afford (phase 1) .....	HFB14AD	1202
No insur: dissatisfied w/ previous (ph1) ....	HFB14AE	1203
No insurance: don't believe in (phase 1) ....	HFB14AF	1204
No insurance: healthy, no need (phase 1) ....	HFB14AG	1205
No insurance: some other reason(phase 1) ....	HFB14AI	1206

#### NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
No insur: refused for health reason(ph2) ....	HFB14BA	1207
No insur: not employed,can't afford(ph2) ....	HFB14BB	1208
No insur: not employed,not continue(ph2) ....	HFB14BC	1209
No insur: employer does not offer (ph 2) ....	HFB14BD	1210
No insur:emplr offers,not eligible(ph2) ....	HFB14BE	1211
No insur:emplr offers,can't afford(ph2) ....	HFB14BF	1212
No insur:no believe/not get/no need(ph2) ....	HFB14BG	1213
No insurance:some other reason (phase 2) ....	HFB14BH	1214
Main reason not covered (phase 1) .....	HFB16A	1215-1216
Main reason not covered (phase 2) .....	HFB16B	1217-1218
Insurance that pays any dental (phase 1) ....	HFB17	1219

#### SECTION C. FAMILY BACKGROUND

Age 17+ years check item .....	HFC1	1220
Mother's weight calculated in pounds .....	HFC2S	1221-1223
Mother's height calculated in inches .....	HFC3S	1224-1226
Father's weight calculated in pounds .....	HFC4S	1227-1229
Father's height calculated in inches .....	HFC5S	1230-1232
Parent high blood pres/stroke before 50 .....	HFC6A	1233
Which parent, high blood pres/stroke .....	HFC6A1	1234
Parent heart attack/angina before 50 .....	HFC6B	1235
Which parent, heart attack/angina .....	HFC6B1	1236
Parent high blood cholesterol at any age ....	HFC6C	1237
Which parent, high blood cholesterol .....	HFC6C1	1238
Parent asthma or hay fever at any age .....	HFC6D	1239
Which parent, asthma or hay fever .....	HFC6D1	1240
Parent diabetes at any age .....	HFC6E	1241
Which parent, diabetes .....	HFC6E1	1242
How long at address calculated in weeks .....	HFC7S	1243-1246
How long in city/town/area calc in weeks ....	HFC8S	1247-1250
How many times moved .....	HFC9	1251-1252
Country mother born .....	HFC10	1253
Country father born .....	HFC11	1254

#### SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON

Head of family check item .....	HFD1	1255
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#### NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Work at job during past 2 weeks .....	HFD2	1256
Had job/business during last 2 weeks .....	HFD3	1257
Looking for work or on layoff .....	HFD4	1258
Which, looking for work or on layoff .....	HFD5	1259
What kind of business or industry .....	HFD9R	1260-1261
What kind of work was person doing .....	HFD10R	1262-1263
Class of worker .....	HFD12	1264-1265

#### SECTION E. HOUSING CHARACTERISTICS

When house/structure originally built .....	HFE1	1266
How many rooms are in this home .....	HFE2	1267-1268
How long family lived at address - years ....	HFE3	1269-1271
Is home drinking water bottled or tap .....	HFE4	1272
What is source of your home tap water .....	HFE5	1273
Water softening or conditioning system .....	HFE6	1274
Do any pets live in this home .....	HFE7	1275
Pet lives here - a dog .....	HFE8A	1276
Pet lives here - a cat .....	HFE8B	1277
Pet lives here - a bird .....	HFE8C	1278
Pet lives here - a fish .....	HFE8D	1279

Pet lives here - other pet .....	HFE8E	1280
Was forced air heat used in past 12 mo .....	HFE9	1281
Furnace fueled by oil, gas, elect, other ....	HFE10	1282
Was space heater used in past 12 months .....	HFE11	1283
Space htr fueled by elect, oil,gas,other ....	HFE12	1284-1285
Was wood stove used in past 12 months .....	HFE13	1286
Was fireplace used in past 12 months .....	HFE14	1287
Is gas stove or oven used for cooking .....	HFE15	1288
Is exhaust fan near this stove .....	HFE16	1289
How often is exhaust fan used .....	HFE17	1290
Was stove/oven used to heat, past 12 mo .....	HFE18	1291

#### SECTION F. FAMILY CHARACTERISTICS

Anyone living here smoke cigs in home .....	HFF1	1292
# persons who smoke cigarettes in home .....	HFF2R	1293-1294

#### NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Cigarettes per day person 1 smokes .....	HFF3A	1295-1297
Cigarettes per day person 2 smokes .....	HFF3B	1298-1300
Cigarettes per day person 3 smokes .....	HFF3C	1301-1303
Cigarettes per day person 4 smokes .....	HFF3D	1304-1306
Cigarettes per day person 5 smokes .....	HFF3E	1307-1309
Cigarettes per day person 6 smokes .....	HFF3F	1310-1312
Do you have enough food to eat .....	HFF4	1313
# days had no food/money in past month .....	HFF5	1314-1315
Reason no food: transportation problems .....	HFF6A	1316
Reason no food: no working appliances .....	HFF6B	1317
Reason no food: no money/food stamps/WIC ....	HFF6C	1318
Reason no food: other reason .....	HFF6D	1319
Cut meal size, no money/food, past month ....	HFF7	1320
Cut child's meal size, no money, past mo ....	HFF8	1321
Any receive benefits from WIC in last mo ....	HFF9	1322
Any receive food stamps in last 12 month ....	HFF10	1323
Any receive food stamps at present time .....	HFF11	1324
Any receive employment income,last month ....	HFF12A	1325
Receive employment income in last month .....	HFF12B	1326
Anyone receive SS/RR pay in last month .....	HFF13A	1327
Receive SS/RR pay in last month .....	HFF13B	1328
Reason getting SS/RR (phase 1) .....	HFF13DA	1329
Reason getting SS/RR (phase 2) .....	HFF13DB	1330-1331
Another reason getting SS (phase 1) .....	HFF13E	1332
Any receive SSI pay, Federal, last month ....	HFF14A	1333
Receive SSI pay, Federal, in last month .....	HFF14B	1334
Recv separate SSI,welfare,past 4 mo(ph1) ....	HFF14D	1335
Any receive other pension/disabl,last mo ....	HFF15A	1336
Receive other pension/disability,last mo ....	HFF15B	1337
Any receive public asst/welfare, last mo ....	HFF16A	1338

Receive public assist/welfare, last mo .....	HFF16B	1339
Anyone receive AFDC/ADC in last month .....	HFF16D	1340
Receive AFDC/ADC in last month .....	HFF16E	1341
Anyone receive other income, last month .....	HFF17A	1342
Receive other income in last month .....	HFF17B	1343
Total family 12 month income < \$20,000 .....	HFF18	1344
Total family 12 month income group (ph1) ....	HFF19R	1345-1346
Total family income, last mo, group(ph1) ....	HFF20R	1347-1348

#### DATA FOR FAMILY REFERENCE PERSON

Family reference person sequence number .....	HFHSEQN	1349-1353
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#### NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Family reference person age - years .....	HFHAGER	1354-1356
Family reference person sex .....	HFHSEX	1357
Family reference person birthplace .....	HFHFIPCR	1358
Family refer person high grade completed ....	HFHEDUCR	1359-1360
Family refer person employed, past 2 wks ....	HFHEMPL	1361
Family reference person marital status .....	HFHMRST	1362-1363
Family reference person military service ....	HFHMLSV	1364

#### DATA FOR RESPONDENT TO FAMILY QUESTIONNAIRE

Respondent relationship to refer person .....	HFRELRL	1365-1366
Respondent age in years .....	HFAGERR	1367-1369

#### HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

##### General Information

Interviewer number .....	HYINTVR	1370-1373
Language of interview .....	HYLANG	1374

##### SECTION A. BIRTH

Check item. Refer to age of SP .....	HYA1	1375
Age of biological mom when SP was born .....	HYA2	1376-1378
Did mother smoke while pregnant with SP .....	HYA3	1379
Did mom quit smoking when pregnant w/SP .....	HYA4	1380
Month mom stopped smoking when pregnant .....	HYA5	1381-1382
Did SP receive newborn intensive care... ....	HYA6	1383
How many days of post-natal care .....	HYA6A	1384-1386
SP weight at birth - grams .....	HYA7S	1387-1394
Did SP weigh more or less than 5-1/2 lbs ....	HYA8	1395
Did SP weigh more or less than 9 pounds .....	HYA9	1396
How much did SP weigh at birth (recode) .....	HYA9R	1397



# SECTION B. INFANT FEEDING PRACTICES/DIET

Check item. Refer to age of SP ..... HYB1 1398

## NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Was SP ever breastfed or fed breastmilk .....	HYB2	1399
Age first fed formula, juice, etc - days ....	HYB3S	1400-1403
Age when first fed formula daily - days .....	HYB4S	1404-1407
Age when stopped breastmilk - days .....	HYB5S	1408-1411
Age when first fed formula daily - days .....	HYB6S	1412-1415
Age when stopped drinking formula - days ....	HYB7S	1416-1419
Age when first fed milk daily - days .....	HYB8S	1420-1423
What type of milk was SP first fed daily ....	HYB9	1424-1425
Age start to eat solid food daily - days ....	HYB10S	1426-1429
Has SP ever used a baby bottle .....	HYB11	1430
Age stopped using baby bottle - months .....	HYB12S	1431-1434
Check item. Refer to age of SP .....	HYB13	1435
How often SP eats breakfast:some...never ....	HYB14	1436-1437
Past 12mo,changed eat habits to lose lbs ....	HYB15	1438
Past 12 mo,changed eat habits for health ....	HYB16	1439
Medical reason to change eating: obesity ....	HYB17A	1440
Medical reason to change eating: high BP ....	HYB17B	1441
Med reason to change eating: cholesterol ....	HYB17C	1442
Medical reason to change eating: allergy ....	HYB17D	1443
Medical reason to change eating:diabetes ....	HYB17E	1444
Medical reason to change eating: other .....	HYB17F	1445
Med reason change eating:formula related ....	HYB17I	1446
Med reason change eat: gastro/intestinal ....	HYB17J	1447
Med reason to change eating: infections .....	HYB17K	1448
Med reason to change eating: nutrition .....	HYB17L	1449
How tall/long is SP without shoes-inches ....	HYB18S	1450-1452
How much does SP weigh w/out clothes-lbs ....	HYB19S	1453-1455
SP over/underweight or right weight .....	HYB20	1456

# SECTION C. MOTOR AND SOCIAL DEVELOPMENT

Check item. Refer to age of SP .....	HYC1	1457
Check item. Age today - months .....	HYC2	1458
When on stomach, SP lift head for moment ....	HYC3	1459
When on stomach, turn head side to side .....	HYC4	1460
Have eyes ever followed a moving object .....	HYC5	1461
Eyes followed moving object side to side ....	HYC6	1462
When on stomach,SP raised head and chest ....	HYC7	1463

## NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable	
	Name	Positions
Has SP ever turned head around to look .....	HYC8	1464
On back, SP held head stiff as pulled up ....	HYC9	1465
Ever laughed w/out being tickled,touched ....	HYC10	1466
Ever held moderate size object in 1 hand ....	HYC11	1467
Ever rolled over on own on purpose .....	HYC12	1468
Ever looked around w/ eyes for lost toy .....	HYC13	1469
Ever smiled when talked to & not touched ....	HYC14	1470
Ever enjoy looking in mirror at self .....	HYC15	1471
Ever pick up object w/thumb,first finger ....	HYC16	1472
Ever sat alone with no help/little help .....	HYC17	1473
Ever said recognizable word, mama, dada .....	HYC18	1474
Knows object name if somebody names them ....	HYC19	1475
Ever walked 2 steps with one hand held .....	HYC20	1476
Ever sat 10 minutes without any support .....	HYC21	1477
Ever crawled when left lying on stomach .....	HYC22	1478
Ever pulled from sit to stand on own .....	HYC23	1479
Ever waved goodbye without help .....	HYC24	1480
Ever pulled self to standing w/out help .....	HYC25	1481
Stood alone 10+ seconds w/out holding on ....	HYC26	1482
Ever walked 2 steps w/out holding on .....	HYC27	1483
Ever show want something by pointing,etc ....	HYC28	1484
Ever said the name of a familiar object .....	HYC29	1485
Ever crawled up at least 2 steps .....	HYC30	1486
Ever said 2 words besides mama or dada .....	HYC31	1487
Let one know pants wet without crying .....	HYC32	1488
Ever walk up 2 steps with one hand held ....	HYC33	1489
Has SP ever run .....	HYC34	1490
Ever made a line with crayon or pencil .....	HYC35	1491
Ever fed self w/ spoon,fork w/out spill .....	HYC36	1492
Ever spoke partial sentence of 3+ words ....	HYC37	1493
Ever said first & last name without help ....	HYC38	1494
Ever walk up stairs without holding rail ....	HYC39	1495
Ever counted 3 objects correctly .....	HYC40	1496
Walk up stairs, no help, 1 foot per step ....	HYC41	1497
Does SP know own age and sex .....	HYC42	1498
Ever said the names of at least 4 colors ....	HYC43	1499
Ever pedaled a tricycle at least 40 feet ....	HYC44	1500
Ever done a somersault without help .....	HYC45	1501
Ever washed, dried hands without help... ....	HYC46	1502

NHANES III Household Youth Data File Index  
Including demographic, family, and survey weighting data

Description	Variable	
	Name	Positions
Ever dressed self without help ... ..	HYC47	1503

Has SP ever gone to the toilet alone .....	HYC48	1504
Has SP ever counted out loud up to 10 .....	HYC49	1505
Ever draw person w/ 2 parts besides head ....	HYC50	1506

#### SECTION D. HEALTH SERVICES AND FUNCTIONAL IMPAIRMENT

Is health in general excellent, ... poor ....	HYD1	1507
Go to particular place for health care .....	HYD2	1508
Is there one particular doctor SP sees .....	HYD3	1509
How long since last saw doctor about SP .....	HYD4	1510
Since born,# times SP stayed in hospital ....	HYD5	1511-1512
Check item. Refer to age of SP .....	HYD6	1513
Able to take part in SP age activities .....	HYD7	1514
Limited in activities by health problem .....	HYD8	1515
Does health problem keep SP from school .....	HYD9	1516
Attend special school because of health .....	HYD10	1517
Need special school because of health .....	HYD11	1518
# months ago health problem noticed .....	HYD12S	1519-1521

#### SECTION E. SELECTED CONDITIONS

Doctor ever say SP had rheumatic fever .....	HYE1A	1522
Doctor ever say epilepsy/fit/convulsion .....	HYE1B	1523
Doctor ever say SP had cerebral palsy .....	HYE1C	1524
Doctor ever say had mental retardation .....	HYE1D	1525
Doctor say had arm muscle weak/paralysis ....	HYE1E	1526
Doctor say had leg muscle weak/paralysis ....	HYE1F	1527
Doctor ever say SP had asthma .....	HYE1G	1528
Doctor ever say had chronic bronchitis .....	HYE1H	1529
Doctor ever say SP had hayfever .....	HYE1I	1530
Age first had rheumatic fever - months .....	HYE2AS	1531-1533
Age when first had epilepsy/fit - months ....	HYE2BS	1534-1536
Age first had arm weak/paralysis -months ....	HYE2ES	1537-1539
Age first had leg weak/paralysis -months ....	HYE2FS	1540-1542
Age when first had asthma - months .....	HYE2GS	1543-1545
Age first had chronic bronchitis -months ....	HYE2HS	1546-1548

#### NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Age when first had hayfever - months .....	HYE2IS	1549-1551
Does SP still have rheumatic fever... ..	HYE3A	1552
SP still have epilepsy/fit/convulsion .....	HYE3B	1553
Does SP still have arm weak or paralysis ....	HYE3E	1554
Does SP still have leg weak or paralysis ....	HYE3F	1555
Does SP still have asthma .....	HYE3G	1556
Does SP still have chronic bronchitis .....	HYE3H	1557
Does SP still have hayfever .....	HYE3I	1558
Ever treated by doctor for rheumatic ... ..	HYE4A	1559
Ever treated by doctor for epilepsy/fit ....	HYE4B	1560

Ever treated by doctor for asthma .....	HYE4G	1561
Ever treat by doctor: chronic bronchitis ....	HYE4H	1562
Ever treated by doctor for hayfever .....	HYE4I	1563
Check item. Refer to age of SP .....	HYE5	1564
Doctor ever say hypertension/HBP - qty .....	HYE6A	1565
Doc ever say high blood cholesterol-unit ....	HYE6B	1566
Age first had hypertension/HBP - months .....	HYE7AS	1567-1569
Age first had high blood cholesterol -mo ....	HYE7BS	1570-1572
Does SP still have hypertension/high BP .....	HYE8A	1573
Still have high blood cholesterol .....	HYE8B	1574
Doctor ever treat hypertension/high BP .....	HYE9A	1575
Doctor ever treat high blood cholesterol ....	HYE9B	1576
SP ever see psychologist...about problem ....	HYE10	1577
Past 12 mo, taken RX drugs for behavior .....	HYE11	1578
Past 12 mo, had headache: never...always ....	HYE12	1579
Past 12 mo, stomach ache: never...always ....	HYE13	1580
Any speech defect: stutter,stammer,lisp .....	HYE14	1581
Ever had anemia (tired or low blood) .....	HYE15	1582
Ever been tested for lead poisoning .....	HYE16	1583
How long ago SP tested for lead - months ....	HYE17S	1584-1586
Did result indicate lead high/poisoning .....	HYE18	1587
Ever treated in hospital for lead poison ....	HYE19	1588
How long ago SP treated for lead -months ....	HYE20S	1589-1591
Is immunization record available to see .....	HYE21	1592
Ever received a DPT or tetanus shot .....	HYE22	1593
How long ago last DPT/tetanus shot - mo .....	HYE23S	1594-1596
Past 12 mo, had accident, injury, poison ....	HYE24	1597
Past 12 mos, # times SP had accident... ..	HYE24A	1598-1599

#### SECTION F. DENTAL CARE AND STATUS

Check item. Refer to age of SP .....	HYF1	1600
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#### NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Describe natural teeth: excellent...poor ....	HYF2	1601
Dental care SP needs now:fillings/crowns ....	HYF3A	1602
Dental care SP needs now: teeth pulled .....	HYF3B	1603
Dental care SP needs now: gum treatment .....	HYF3C	1604
Dental care SP needs now: denture work .....	HYF3D	1605
Dental care SP needs now: relief of pain ....	HYF3E	1606
Dental care needs now:improve appearance ....	HYF3F	1607
Dental care SP needs now: other .....	HYF3G	1608
Dental care SP needs now: nothing .....	HYF3I	1609
Dental care SP needs now: cleaning .....	HYF3K	1610
Type of dental care needed now: checkup .....	HYF3L	1611
How long ago was last dental visit -days ....	HYF4S	1612-1616
How often does SP go to dentist/hygienist ...	HYF5	1617
Check item. Refer to age of SP .....	HYF6	1618

Ever received orthodontic treatment .....	HYF7	1619
Age started recent orthodontic treatment ....	HYF8	1620-1621
Ever had cold sores in past 12 months .....	HYF9	1622
Had canker or mouth sores in past 12 mo .....	HYF10	1623

#### SECTION G. RESPIRATORY AND ALLERGY

Check item. Refer to age of SP .....	HYG1	1624
Cough on most days,3+ consec mos in year ....	HYG2	1625
How many years has SP had this cough .....	HYG3	1626-1627
Bring up phlegm,3+ consecutive mos in yr ....	HYG4	1628
How many years had trouble with phlegm .....	HYG5	1629-1630
Had problems with coughing in past 12 mo ....	HYG6	1631
# episodes of cough in past 12 months .....	HYG7	1632-1634
Had wheezing/whistle in chest,past 12 mo ....	HYG8	1635
# episodes of wheezing in past 12 months ....	HYG9	1636-1638
# times in hospital, wheezing, past 12mo ....	HYG10	1639-1640
# times to ER for wheezing in past 12 mo ....	HYG11	1641-1642
Chest sound wheezy when not have cold .....	HYG12	1643
Had stuffy,itchy,runny nose, past 12 mo .....	HYG13A	1644
Had watery, itchy eyes in past 12 months ....	HYG13B	1645
# episodes itchy... nose/eyes past 12 mo ....	HYG14	1646-1648
Check item. Refer to G8, G12, and G13 .....	HYG15	1649
Symptoms brought on by exercise/cold air ....	HYG16A	1650

#### NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Symptoms brought on by animals .....	HYG16B	1651
Symptoms brought on by house dust .....	HYG16C	1652
Symptoms brought on by pollen .....	HYG16D	1653
Month pollen symptoms worse: all months ....	HYG17A	1654
Month pollen symptoms worse: January .....	HYG17B	1655
Month pollen symptoms worse: February .....	HYG17C	1656
Month pollen symptoms worse: March .....	HYG17D	1657
Month pollen symptoms worse: April .....	HYG17E	1658
Month pollen symptoms worse: May .....	HYG17F	1659
Month pollen symptoms worse: June .....	HYG17G	1660
Month pollen symptoms worse: July .....	HYG17H	1661
Month pollen symptoms worse: August .....	HYG17I	1662
Month pollen symptoms worse: September .....	HYG17J	1663
Month pollen symptoms worse: October .....	HYG17K	1664
Month pollen symptoms worse: November .....	HYG17L	1665
Month pollen symptoms worse: December .....	HYG17M	1666
Had severe reaction after insect sting .....	HYG18A	1667
Ever had severe reaction after eating .....	HYG18B	1668
Severe reaction after allergy shot/test ....	HYG19	1669
Ever given up/avoid pet due to allergies ....	HYG20	1670
Had colds or flu in past 12 months .....	HYG21A	1671
Had sinusitis/sinus probs in past 12 mo ....	HYG21B	1672

Had pneumonia in past 12 months .....	HYG21C	1673
# episodes of colds or flu in past 12 mo ....	HYG22A	1674-1676
# episodes of sinusitis... in past 12 mo ....	HYG22B	1677-1679
# episodes of pneumonia in past 12 month ....	HYG22C	1680-1682

#### SECTION H. VISION AND HEARING

Check item. Refer to age of SP .....	HYH1	1683
Trouble seeing, 1/both eyes, w/glasses .....	HYH2	1684
Does SP use eyeglasses or contacts .....	HYH3	1685
When was last time SP had vision tested .....	HYH4	1686
Did SP ever have ear infection/earache .....	HYH5	1687
# times SP had ear infection or earache .....	HYH6	1688
Age had first earache/infection - months ....	HYH7S	1689-1691
Treated by doctor for earache/infection .....	HYH8	1692
Doctor ever treat ear infection w/tubes .....	HYH9	1693

#### NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Had trouble hearing with 1 or both ears .....	HYH10	1694
Still have trouble hearing w/1,both ears ....	HYH11	1695
Does SP use a hearing aid .....	HYH12	1696
How long ago SP had last hearing test .....	HYH13	1697

#### SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE

Before age 4, attend day care w/ 6+ kids ....	HYJ1	1698
Ever attend day care 10+ hours per week .....	HYJ2	1699
Before age 4, # months attended day care ....	HYJ3S	1700-1702
Check item. Refer to age of SP .....	HYJ4	1703
Has SP ever attended school .....	HYJ5	1704
Why SP never attended school: too young .....	HYJ6A	1705
Why never attended school:health problem ....	HYJ6B	1706
Why never attend school: need child home ....	HYJ6C	1707
Why never attended school: other .....	HYJ6D	1708
Is SP now going to school or on vacation ....	HYJ7	1709
What grade is SP now in/will be in .....	HYJ8	1710-1711
School serve fixed price full breakfast .....	HYJ9	1712
# times per week eat breakfast at school ....	HYJ10	1713-1714
Does school serve lunch with fixed price ....	HYJ11	1715
# times per week SP eats lunch at school ....	HYJ12	1716
Why did SP stop going to school .....	HYJ13	1717-1718
Past 12 mos, # days absent from school .....	HYJ14	1719-1721
Ever skip any grades for any reason .....	HYJ15	1722
Ever repeated any grades for any reason .....	HYJ16	1723
What grade did SP repeat: kindergarten .....	HYJ17A	1724
What grade did SP repeat: first grade .....	HYJ17B	1725
What grade did SP repeat: second grade .....	HYJ17C	1726
What grade did SP repeat: third grade .....	HYJ17D	1727

What grade did SP repeat: fourth grade .....	HYJ17E	1728
What grade did SP repeat: fifth grade .....	HYJ17F	1729
What grade did SP repeat: sixth grade .....	HYJ17G	1730
What grade did SP repeat: seventh grade .....	HYJ17H	1731
What grade did SP repeat: eighth grade .....	HYJ17I	1732
What grade did SP repeat: ninth grade .....	HYJ17J	1733
What grade did SP repeat: tenth grade .....	HYJ17K	1734
What grade did SP repeat: eleventh grade .....	HYJ17L	1735

NHANES III Household Youth Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
What grade did SP repeat: twelfth grade .....	HYJ17M	1736
Reason repeated grade: academic failure .....	HYJ18A	1737
Reason repeated grade:immature/too young ....	HYJ18B	1738
Reason repeated grade: frequently absent ....	HYJ18C	1739
Reason repeat:move into difficult school ....	HYJ18D	1740
Reason repeated grade: other .....	HYJ18E	1741
Reason repeated grade: language problem .....	HYJ18G	1742
Reason repeat:learning/behavior problems ....	HYJ18H	1743
Reason repeated grade: health problem .....	HYJ18I	1744
Reason repeat grade:hearing/vision prob .....	HYJ18J	1745
Reason repeated grade: relocation prob .....	HYJ18K	1746
Ever been suspended, excluded, expelled .....	HYJ19	1747
# times suspended, excluded, or expelled ....	HYJ20	1748-1750
Check item. Refer to age of SP .....	HYJ21	1751
Avg hours/week SP works during school yr ....	HYJ22	1752-1753
# hours SP watched TV yesterday .....	HYJ23	1754-1755
How many good friends does SP have .....	HYJ24	1756
# SP friends you know by sight:all...few ....	HYJ25	1757
When meeting new friends, is SP shy ... ..	HYJ26	1758
How well does SP get along w/ other kids ....	HYJ27	1759
Language SP mainly speaks at home now .....	HYJ28	1760-1761
Language SP mainly speaks at school .....	HYJ29	1762-1763
Language SP's parents speak at home now .....	HYJ30	1764

SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE

Taken vitamins/minerals in past month .....	HYK1A	1765
Taken prescriptn medicines in past month ....	HYK1B	1766
How many vitamins/minerals taken .....	HYK2A	1767-1768
How many prescription medicines taken .....	HYK2B	1769-1770
Certainty index code-1st .....	HYK3CG	1771-1772
Product class-1st .....	HYK3DG	1773-1774
How often did -- take in past month-1st .....	HYK6SG	1775-1778
How long been taking (month)-1st .....	HYK8SG	1779-1782
Certainty index code-2nd .....	HYK3CH	1783-1784
Product class-2nd .....	HYK3DH	1785-1786
How often did -- take in past month-2nd .....	HYK6SH	1787-1790
How long been taking (month)-2nd .....	HYK8SH	1791-1794

NHANES III Household Youth Data File Index  
Including demographic, family, and survey weighting data

Description	Variable Name	Positions
Certainty index code-3rd .....	HYK3CI	1795-1796
Product class-3rd .....	HYK3DI	1797-1798
How often did -- take in past month-3rd .....	HYK6SI	1799-1802
How long been taking (month)-3rd .....	HYK8SI	1803-1806
Certainty index code-4th .....	HYK3CJ	1807-1808
Product class-4th .....	HYK3DJ	1809-1810
How often did -- take in past month-4th .....	HYK6SJ	1811-1814
How long been taking (month)-4th .....	HYK8SJ	1815-1818
Certainty index code-5th .....	HYK3CK	1819-1820
Product class-5th .....	HYK3DK	1821-1822
How often did -- take in past month-5th .....	HYK6SK	1823-1826
How long been taking (month)-5th .....	HYK8SK	1827-1830
Certainty index code-6th .....	HYK3CL	1831-1832
Product class-6th .....	HYK3DL	1833-1834
How often did -- take in past month-6th .....	HYK6SL	1835-1838
How long been taking (month)-6th .....	HYK8SL	1839-1842
Certainty index code-7th .....	HYK3CM	1843-1844
Product class-7th .....	HYK3DM	1845-1846
How often did -- take in past month-7th .....	HYK6SM	1847-1850
How long been taking (month)-7th .....	HYK8SM	1851-1854
Certainty index code-8th .....	HYK3CN	1855-1856
Product class-8th .....	HYK3DN	1857-1858
How often did -- take in past month-8th .....	HYK6SN	1859-1862
How long been taking (month)-8th .....	HYK8SN	1863-1866
Certainty index code-9th .....	HYK3CO	1867-1868
Product class-9th .....	HYK3DO	1869-1870
How often did -- take in past month-9th .....	HYK6SO	1871-1874
How long been taking (month)-9th .....	HYK8SO	1875-1878
Certainty index code-10th .....	HYK3CP	1879-1880
Product class-10th .....	HYK3DP	1881-1882
How often did -- take in past month-10th ....	HYK6SP	1883-1886
How long been taking (month)-10th .....	HYK8SP	1887-1890
Primary drug class code-1st .....	HYK9DG	1891-1894
Secondary drug class code-1st .....	HYK9EG	1895-1898
Tertiary drug class code-1st .....	HYK9FG	1899-1902
ICD-9-CM code-1st .....	HYK11AG	1903-1908
For how long been taking (days)-1st .....	HYK12SG	1909-1913
Primary drug class code-2nd .....	HYK9DH	1914-1917
Secondary drug class code-2nd .....	HYK9EH	1918-1921

NHANES III Household Youth Data File Index  
Including demographic, family, and survey weighting data



Description	Variable Name	Positions
Tertiary drug class code-2nd .....	HYK9FH	1922-1925
ICD-9-CM code-2nd .....	HYK11AH	1926-1931
For how long been taking (days)-2nd .....	HYK12SH	1932-1936
Primary drug class code-3rd .....	HYK9DI	1937-1940
Secondary drug class code-3rd .....	HYK9EI	1941-1944
Tertiary drug class code-3rd .....	HYK9FI	1945-1948
ICD-9-CM code-3rd .....	HYK11AI	1949-1954
For how long been taking (days)-3rd .....	HYK12SI	1955-1959
Primary drug class code-4th .....	HYK9DJ	1960-1963
Secondary drug class code-4th .....	HYK9EJ	1964-1967
Tertiary drug class code-4th .....	HYK9FJ	1968-1971
ICD-9-CM code-4th .....	HYK11AJ	1972-1977
For how long been taking (days)-4th .....	HYK12SJ	1978-1982
Primary drug class code-5th .....	HYK9DK	1983-1986
Secondary drug class code-5th .....	HYK9EK	1987-1990
Tertiary drug class code-5th .....	HYK9FK	1991-1994
ICD-9-CM code-5th .....	HYK11AK	1995-2000
For how long been taking (days)-5th .....	HYK12SK	2001-2005
Primary drug class code-6th .....	HYK9DL	2006-2009
Secondary drug class code-6th .....	HYK9EL	2010-2013
Tertiary drug class code-6th .....	HYK9FL	2014-2017
ICD-9-CM code-6th .....	HYK11AL	2018-2023
For how long been taking (days)-6th .....	HYK12SL	2024-2028
Primary drug class code-7th .....	HYK9DM	2029-2032
Secondary drug class code-7th .....	HYK9EM	2033-2036
Tertiary drug class code-7th .....	HYK9FM	2037-2040
ICD-9-CM code-7th .....	HYK11AM	2041-2046
For how long been taking (days)-7th .....	HYK12SM	2047-2051
Primary drug class code-8th .....	HYK9DN	2052-2055
Secondary drug class code-8th .....	HYK9EN	2056-2059
Tertiary drug class code-8th .....	HYK9FN	2060-2063
ICD-9-CM code-8th .....	HYK11AN	2064-2069
For how long been taking (days)-8th .....	HYK12SN	2070-2074
Primary drug class code-9th .....	HYK9DO	2075-2078
Secondary drug class code-9th .....	HYK9EO	2079-2082
Tertiary drug class code-9th .....	HYK9FO	2083-2086
ICD-9-CM code-9th .....	HYK11AO	2087-2092
For how long been taking (days)-9th .....	HYK12SO	2093-2097

#### SECTION M. RESPONDENT

Main respondents relationship to SP .....	HYM1	2098-2099
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#### NHANES III Household Youth Data File Index Including demographic, family, and survey weighting data

Description	Variable Name	Positions
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Was SP present during any of interview .....	HYM2	2100
Quality of interview .....	HYM3	2101

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

FILENAME=YOUTH	N=13944
VERSION 0.9	

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

GENERAL INFORMATION

Positions		Item description	
SAS name	Counts	and code	Notes
1-5		Sample person identification number	
SEQN		Sequence number	
	13944	00007-53622	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

GENERAL INFORMATION

Positions		Item description	
SAS name	Counts	and code	Notes
6-10		Family sequence number	See note
DMPFSEQ	13944	00001-20073	
11		Examination/interview status	See note
DMPSTAT	795	1 Interviewed, not examined	
	13113	2 Interviewed, MEC-examined	
	36	3 Interviewed, home-examined	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

GENERAL INFORMATION

Positions		Item description		
SAS name	Counts	and code		Notes
12		Race-ethnicity		See note
DMARETHN	4602	1 Non-Hispanic white		
	4141	2 Non-Hispanic black		
	4445	3 Mexican-American		
	756	4 Other		
13		Race		See note
DMARACER	9048	1 White		
	4328	2 Black		
	563	3 Other		
	5	8 Mexican-American of unknown race		
14		Ethnicity		See note
DMAETHNR	4445	1 Mexican-American		
	463	2 Other Hispanic		
	9036	3 Not Hispanic		

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

GENERAL INFORMATION

Positions		Item description		
SAS name	Counts	and code		Notes
15		Sex		
HSSEX	6894	1 Male		
	7050	2 Female		
16-17		Date of screener (month)		
HSDOIMO	1342	01		
	1412	02		
	1229	03		
	1359	04		
	1257	05		
	649	06		
	1138	07		
	1050	08		
	1005	09		
	1214	10		
	1481	11		
	808	12		
18-19		Age at interview (Screener)		See note
HSAGEIR	13944	01-16		

20		Age at interview-unit (Screener)
HSAGEU	2107	1 Months
	11837	2 Years

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

GENERAL INFORMATION

Positions		Item description	
SAS name	Counts	and code	Notes
21-24		Age in months (Screener)	See note
HSAITMOR	13941	0002-0203	
	3	9999 Don't know	
25-26		Family size	See note
HSFSIZER	6	01	
	585	02	
	2710	03	
	4048	04	
	2886	05	
	1577	06	
	831	07	
	534	08	
	290	09	
	477	10 10+	
27-28		Household size	See note
HSHSIZER	1	01	
	535	02	
	2644	03	
	4022	04	
	2876	05	
	1613	06	
	849	07	
	570	08	
	300	09	
	534	10 10+	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

GENERAL INFORMATION

Positions		Item description	
SAS name	Counts	and code	Notes
29-31		County FIPS codes for United States	See note
DMPCNTYR		counties with populations >= 500,000	
	6744	001-439	
	7200	Blank	
32-33		State FIPS codes for United States	See note
DMPFIPSR		counties with populations >= 500,000	
	186	04	
	2346	06	
	547	12	
	457	17	
	112	25	
	309	26	
	125	29	
	745	36	
	297	39	
	357	42	
	148	44	
	962	48	
	153	53	
	7200	Blank	
34		Urbanization classification based on	See note
DMPMETRO		USDA Rural/Urban continuum codes.	
	7204	1 Central counties of metro areas of	
		1 million population or more,	
		OR,	
		Fringe counties of metro areas of	
		1 million population or more	
	6740	2 All other areas	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

GENERAL INFORMATION

Positions		Item description	
SAS name	Counts	and code	Notes
35		Census region	See note
DMPCREGN	1707	1 Northeast	
	2576	2 Midwest	
	5826	3 South	
	3835	4 West	

36-41		Poverty Income Ratio	See note
DMPPIR	33	00.000 No reported income	
	12651	000.02-08.472	
	1260	888888 Blank but applicable	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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SURVEY DESIGN DATA  
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GENERAL INFORMATION  
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Positions SAS name	Counts	Item description and code	Notes
42 SDPPHASE	7344 6600	Phase of NHANES III survey 1 1988-1991 2 1991-1994	See note
43 SDPPSU6	7191 6753	Total NHANES III Pseudo-PSU 1 2	See note
44-45 SDPSTRA6	13944	Total NHANES III Pseudo-stratum 01-49	See note
46 SDPPSU1	3816 3528 6600	Phase 1 Pseudo-PSU 1 2 Blank	See note
47-48 SDPSTRA1	7344 6600	Phase 1 Pseudo-stratum 01-23 Blank	See note
49 SDPPSU2	3139 3461 7344	Phase 2 Pseudo-PSU 1 2 Blank	See note
50-51 SDPSTRA2	6600 7344	Phase 2 Pseudo-stratum 01-23 Blank	See note

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data  
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SAMPLING WEIGHTS

TOTAL NHANES III (1988-94)			
Positions SAS name	Counts	Item description and code	Notes
52-59 WTPFQX6	13944	Total NHANES III interviewed sample final weight 00215.53-79381.54	See note
60-67 WTPFEX6	831 13113	Total NHANES III MEC-examined sample final weight 00000.00 00213.45-86271.48	See note
68-75 WTPFHX6	795 13149	Total NHANES III MEC and home- examined final weight 00000.00 00214.25-86297.79	See note
76-83 WTPFALG6	318 5365 8261	Total NHANES III allergy subsample final weight 00000.00 00213.45-86271.48 Blank	See note
84 WTPFCNS6	13944	Total NHANES III central nervous system (CNS) subsample final weight Blank	See note
85-93 WTPFSD6	241 839 12864	Total NHANES III morning session MEC-examined subsample final weight 000000.00 001517.39-159764.09 Blank	See note
94-102 WTPFMD6	156 980 12808	Total NHANES III afternoon/evening session MEC-examined subsample final weight 000000.00 001523.54-162688.19 Blank	See note

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

SAMPLING WEIGHTS

TOTAL NHANES III (1988-94)	
Positions	Item description

SAS name	Counts	and code	Notes
103-111 WTPFHSD6		Total NHANES III morning session MEC and home-examined subsample final weight	See note
	241	000000.00	
	839	001518.28-159377.29	
	12864	Blank	
112-120 WTPFHMD6		Total NHANES III afternoon/evening session MEC and home-examined subsample final weight	See note
	156	000000.00	
	980	001528.75-163200.78	
	12808	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

SAMPLING WEIGHTS			
NHANES III PHASE 1 (1988-91)			
Positions SAS name	Counts	Item description and code	Notes
121-129 WTPFQX1		Phase 1 interviewed sample final weight	See note
	7344	000535.87-158763.09	
	6600	Blank	
130-138 WTPFEX1		Phase 1 MEC-examined sample final weight	See note
	519	000000.00	
	6825	000552.43-172542.96	
	6600	Blank	
139-147 WTPFHX1		Phase 1 MEC and home-examined sample final weight	See note
	494	000000.00	
	6850	000551.87-172595.57	
	6600	Blank	
148-156 WTPFALG1		Phase 1 allergy subsample final weight	See note
	187	000000.00	
	2756	000821.62-172542.96	
	11001	Blank	
157 WTPFCNS1		Phase 1 central nervous system (CNS) subsample final weight	See note
	13944	Blank	



158-166		Phase 1 morning session MEC-examined	See note
WTPFSD1		subsample final weight	
	119	000000.00	
	383	003115.25-0302579.2	
	13442	Blank	

167-175		Phase 1 afternoon/evening session MEC-	See note
WTPFMD1		examined subsample final weight	
	67	000000.00	
	431	004140.54-325376.38	
	13446	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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SAMPLING WEIGHTS  
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NHANES III PHASE 1 (1988-91)  
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Positions		Item description	
SAS name	Counts	and code	Notes
176-184		Phase 1 morning session MEC and home-	See note
WTPFHSD1		examined subsample final weight	
	119	000000.00	
	383	003143.93-000302496	
	13442	Blank	
185-193		Phase 1 afternoon/evening session MEC	See note
WTPFHMD1		and home-examined subsample final weight	
	67	000000.00	
	431	0004137.3-326401.55	
	13446	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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SAMPLING WEIGHTS  
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NHANES III PHASE 2 (1991-94)  
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Positions		Item description	
SAS name	Counts	and code	Notes
194-202		Phase 2 interviewed sample final	See note
WTPFQX2		weight	

	6600	000431.06-141674.09	
	7344	Blank	
203-211		Phase 2 MEC-examined sample	See note
WTPFEX2		final weight	
	312	000000.00	
	6288	000426.91-157365.24	
	7344	Blank	
212-220		Phase 2 MEC and home-examined sample	See note
WTPFHX2		final weight	
	301	000000.00	
	6299	0000428.5-156935.17	
	7344	Blank	
221-229		Phase 2 allergy subsample final weight	See note
WTPFALG2	131	000000.00	
	2609	000426.91-157365.24	
	11204	Blank	
230		Phase 2 central nervous system (CNS)	See note
WTPFCNS2		subsample final weight	
	13944	Blank	
231-239		Phase 2 morning session MEC-examined	See note
WTPFSD2		subsample final weight	
	122	000000.00	
	456	003034.79-319528.17	
	13366	Blank	
240-248		Phase 2 afternoon/evening session MEC-	See note
WTPFMD2		examined subsample final weight	
	89	000000.00	
	549	003047.08-0287657.5	
	13306	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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SAMPLING WEIGHTS  
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NHANES III PHASE 2 (1991-94)  
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Positions		Item description	
SAS name	Counts	and code	Notes
249-257		Phase 2 morning session MEC and home-	See note
WTPFHSD2		examined subsample final weight	
	122	000000.00	
	456	003036.55-318754.58	
	13366	Blank	

258-266	Phase 2 afternoon/evening session MEC	See note
WTPFHMD2	and home-examined subsample final weight	
89	000000.00	
549	003057.51-286659.88	
13306	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

FAY'S BRR REPLICATE INTERVIEW WEIGHTS			
TOTAL NHANES III (1988-94)			
Positions SAS name	Counts	Item description and code	Notes
267-274 WTPQRP1	13944	Replicate 1 final interview weight 00089.73-83987.31	See note
275-282 WTPQRP2	13944	Replicate 2 final interview weight 00069.61-91977.97	See note
283-291 WTPQRP3	13944	Replicate 3 final interview weight 000073.29-101275.82	See note
292-299 WTPQRP4	13944	Replicate 4 final interview weight 000076.5-106809.5	See note
300-308 WTPQRP5	13944	Replicate 5 final interview weight 000057.54-100842.25	See note
309-316 WTPQRP6	13944	Replicate 6 final interview weight 00076.93-099090.2	See note
317-325 WTPQRP7	13944	Replicate 7 final interview weight 000000093-101828.11	See note
326-333 WTPQRP8	13944	Replicate 8 final interview weight 00063.18-90863.35	See note
334-342 WTPQRP9	13944	Replicate 9 final interview weight 000053.27-105323.57	See note
343-351 WTPQRP10	13944	Replicate 10 final interview weight 000078.88-104937.91	See note
352-360 WTPQRP11	13944	Replicate 11 final interview weight 000058.56-109604.97	See note
361-369 WTPQRP12	13944	Replicate 12 final interview weight 000053.67-106808.68	See note

370-378		Replicate 13 final interview weight	See note
WTPQRP13	13944	000067.93-100078.86	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE INTERVIEW WEIGHTS  
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TOTAL NHANES III (1988-94)  
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Positions SAS name	Counts	Item description and code	Notes
379-386 WTPQRP14	13944	Replicate 14 final interview weight 00072.64-95085.22	See note
387-394 WTPQRP15	13944	Replicate 15 final interview weight 000065.1-95282.31	See note
395-403 WTPQRP16	13944	Replicate 16 final interview weight 000061.05-105703.36	See note
404-411 WTPQRP17	13944	Replicate 17 final interview weight 00058.85-88819.75	See note
412-420 WTPQRP18	13944	Replicate 18 final interview weight 000079.28-101565.25	See note
421-428 WTPQRP19	13944	Replicate 19 final interview weight 00061.49-095456.5	See note
429-436 WTPQRP20	13944	Replicate 20 final interview weight 00060.59-95190.62	See note
437-445 WTPQRP21	13944	Replicate 21 final interview weight 000054.87-100817.32	See note
446-454 WTPQRP22	13944	Replicate 22 final interview weight 0000059.5-113736.33	See note
455-462 WTPQRP23	13944	Replicate 23 final interview weight 00068.76-96395.43	See note
463-470 WTPQRP24	13944	Replicate 24 final interview weight 00057.42-104350.7	See note
471-478 WTPQRP25	13944	Replicate 25 final interview weight 00050.63-93563.02	See note
479-486 WTPQRP26	13944	Replicate 26 final interview weight 00070.53-94835.65	See note

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

FAY'S BRR REPLICATE INTERVIEW WEIGHTS			
TOTAL NHANES III (1988-94)			
Positions SAS name	Counts	Item description and code	Notes
487-494 WTPQRP27	13944	Replicate 27 final interview weight 00063.26-94417.95	See note
495-503 WTPQRP28	13944	Replicate 28 final interview weight 000000046-100397.91	See note
504-512 WTPQRP29	13944	Replicate 29 final interview weight 000093.76-112636.76	See note
513-521 WTPQRP30	13944	Replicate 30 final interview weight 000058.09-110005.41	See note
522-530 WTPQRP31	13944	Replicate 31 final interview weight 0000077.1-121079.06	See note
531-538 WTPQRP32	13944	Replicate 32 final interview weight 00066.17-90922.49	See note
539-546 WTPQRP33	13944	Replicate 33 final interview weight 000057.8-90484.22	See note
547-554 WTPQRP34	13944	Replicate 34 final interview weight 00062.28-88029.08	See note
555-562 WTPQRP35	13944	Replicate 35 final interview weight 00098.94-00110211	See note
563-571 WTPQRP36	13944	Replicate 36 final interview weight 0000069.1-0104998.6	See note
572-580 WTPQRP37	13944	Replicate 37 final interview weight 000043.47-106839.56	See note
581-589 WTPQRP38	13944	Replicate 38 final interview weight 000054.27-115403.91	See note
590-597 WTPQRP39	13944	Replicate 39 final interview weight 000057.1-101103.4	See note

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

FAY'S BRR REPLICATE INTERVIEW WEIGHTS			
TOTAL NHANES III (1988-94)			
Positions SAS name	Counts	Item description and code	Notes
598-605 WTPQRP40	13944	Replicate 40 final interview weight 000057.2-87807.32	See note
606-614 WTPQRP41	13944	Replicate 41 final interview weight 000060.59-106424.55	See note
615-623 WTPQRP42	13944	Replicate 42 final interview weight 000091.95-105166.24	See note
624-631 WTPQRP43	13944	Replicate 43 final interview weight 00061.37-98599.45	See note
632-639 WTPQRP44	13944	Replicate 44 final interview weight 00061.71-89690.13	See note
640-648 WTPQRP45	13944	Replicate 45 final interview weight 000061.04-108055.21	See note
649-656 WTPQRP46	13944	Replicate 46 final interview weight 00078.43-95162.67	See note
657-665 WTPQRP47	13944	Replicate 47 final interview weight 000076.83-107581.69	See note
666-674 WTPQRP48	13944	Replicate 48 final interview weight 000061.69-108629.58	See note
675-682 WTPQRP49	13944	Replicate 49 final interview weight 00000081-86616.34	See note
683-691 WTPQRP50	13944	Replicate 50 final interview weight 0000079.2-113027.76	See note
692-699 WTPQRP51	13944	Replicate 51 final interview weight 00055.85-97723.36	See note
700-707 WTPQRP52	13944	Replicate 52 final interview weight 00072.04-99409.36	See note

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS

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TOTAL NHANES III (1988-94)

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Positions SAS name	Counts	Item description and code	Notes
708-715 WTPXRP1	831 13113	Replicate 1 final exam weight 00000.00 00092.06-90754.19	See note
716-724 WTPXRP2	831 13113	Replicate 2 final exam weight 000000.00 000068.89-103666.49	See note
725-733 WTPXRP3	831 13113	Replicate 3 final exam weight 000000.00 000074.17-110837.93	See note
734-742 WTPXRP4	831 13113	Replicate 4 final exam weight 000000.00 000076.95-113998.28	See note
743-750 WTPXRP5	831 13113	Replicate 5 final exam weight 00000.00 00058.95-96693.01	See note
751-758 WTPXRP6	831 13113	Replicate 6 final exam weight 00000.00 00079.31-97820.32	See note
759-767 WTPXRP7	831 13113	Replicate 7 final exam weight 000000.00 000092.74-114821.03	See note
768-775 WTPXRP8	831 13113	Replicate 8 final exam weight 00000.00 00064.05-93797.97	See note
776-784 WTPXRP9	831 13113	Replicate 9 final exam weight 000000.00 000052.31-114521.03	See note
785-793 WTPXRP10	831 13113	Replicate 10 final exam weight 000000.00 000081.03-116292.48	See note

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS

TOTAL NHANES III (1988-94)			
Positions		Item description	
SAS name	Counts	and code	Notes
794-802		Replicate 11 final exam weight	See note
WTPXRP11	831	000000.00	
	13113	000053.54-116381.71	
803-811		Replicate 12 final exam weight	See note
WTPXRP12	831	000000.00	
	13113	000055.35-100022.33	
812-820		Replicate 13 final exam weight	See note
WTPXRP13	831	000000.00	
	13113	0000067.9-110559.89	
821-828		Replicate 14 final exam weight	See note
WTPXRP14	831	00000.00	
	13113	00074.55-102829.8	
829-836		Replicate 15 final exam weight	See note
WTPXRP15	831	00000.00	
	13113	00066.69-94329.12	
837-845		Replicate 16 final exam weight	See note
WTPXRP16	831	000000.00	
	13113	000059.41-114529.78	
846-853		Replicate 17 final exam weight	See note
WTPXRP17	831	00000.00	
	13113	000059.3-90645.54	
854-862		Replicate 18 final exam weight	See note
WTPXRP18	831	000000.00	
	13113	000081.69-104812.46	
863-870		Replicate 19 final exam weight	See note
WTPXRP19	831	00000.00	
	13113	00061.95-96017.69	
871-878		Replicate 20 final exam weight	See note
WTPXRP20	831	00000.00	
	13113	00057.95-98991.22	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS			
TOTAL NHANES III (1988-94)			



Positions SAS name	Counts	Item description and code	Notes
879-886 WTPXRP21	831 13113	Replicate 21 final exam weight 00000.00 00056.22-96599.97	See note
887-895 WTPXRP22	831 13113	Replicate 22 final exam weight 000000.00 000057.38-116506.68	See note
896-904 WTPXRP23	831 13113	Replicate 23 final exam weight 000000.00 000068.85-104328.49	See note
905-913 WTPXRP24	831 13113	Replicate 24 final exam weight 000000.00 000054.91-112389.63	See note
914-921 WTPXRP25	831 13113	Replicate 25 final exam weight 00000.00 00049.93-93358.92	See note
922-929 WTPXRP26	831 13113	Replicate 26 final exam weight 00000.00 00071.23-93658.35	See note
930-937 WTPXRP27	831 13113	Replicate 27 final exam weight 00000.00 00063.15-92550.46	See note
938-946 WTPXRP28	831 13113	Replicate 28 final exam weight 000000.00 000045.61-104966.85	See note
947-955 WTPXRP29	831 13113	Replicate 29 final exam weight 000000.00 000097.18-116710.98	See note
956-964 WTPXRP30	831 13113	Replicate 30 final exam weight 000000.00 000059.05-117945.74	See note

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS

TOTAL NHANES III (1988-94)

Positions	Item description
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SAS name	Counts	and code	Notes
965-973		Replicate 31 final exam weight	See note
WTPXRP31	831	000000.00	
	13113	000079.65-119711.97	
974-981		Replicate 32 final exam weight	See note
WTPXRP32	831	00000.00	
	13113	00067.05-96054.93	
982-989		Replicate 33 final exam weight	See note
WTPXRP33	831	00000.00	
	13113	00055.58-97170.06	
990-997		Replicate 34 final exam weight	See note
WTPXRP34	831	00000.00	
	13113	00063.45-91128.51	
998-1006		Replicate 35 final exam weight	See note
WTPXRP35	831	000000.00	
	13113	0000100.8-115471.75	
1007-1015		Replicate 36 final exam weight	See note
WTPXRP36	831	000000.00	
	13113	000070.92-112785.03	
1016-1024		Replicate 37 final exam weight	See note
WTPXRP37	831	000000.00	
	13113	000045.36-114124.06	
1025-1033		Replicate 38 final exam weight	See note
WTPXRP38	831	000000.00	
	13113	000055.94-117231.41	
1034-1041		Replicate 39 final exam weight	See note
WTPXRP39	831	00000.00	
	13113	00057.47-92592.89	
1042-1049		Replicate 40 final exam weight	See note
WTPXRP40	831	00000.00	
	13113	00057.86-91203.01	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS			
TOTAL NHANES III (1988-94)			
Positions		Item description	
SAS name	Counts	and code	Notes

1050-1058		Replicate 41 final exam weight	See note
WTPXRP41	831	000000.00	
	13113	0000061.4-111418.46	
1059-1067		Replicate 42 final exam weight	See note
WTPXRP42	831	000000.00	
	13113	0000094.7-111117.78	
1068-1075		Replicate 43 final exam weight	See note
WTPXRP43	831	00000.00	
	13113	00059.85-96096.45	
1076-1083		Replicate 44 final exam weight	See note
WTPXRP44	831	00000.00	
	13113	00060.92-92504.72	
1084-1092		Replicate 45 final exam weight	See note
WTPXRP45	831	000000.00	
	13113	000062.13-117203.84	
1093-1100		Replicate 46 final exam weight	See note
WTPXRP46	831	00000.00	
	13113	00000081-94583.82	
1101-1109		Replicate 47 final exam weight	See note
WTPXRP47	831	000000.00	
	13113	000077.82-110996.62	
1110-1118		Replicate 48 final exam weight	See note
WTPXRP48	831	000000.00	
	13113	000057.31-113501.48	
1119-1126		Replicate 49 final exam weight	See note
WTPXRP49	831	00000.00	
	13113	00082.75-091275.5	
1127-1134		Replicate 50 final exam weight	See note
WTPXRP50	831	00000.00	
	13113	00082.82-117101.5	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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FAY'S BRR REPLICATE MEC EXAMINATION WEIGHTS  
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TOTAL NHANES III (1988-94)  
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Positions		Item description	
SAS name	Counts	and code	Notes
1135-1143		Replicate 51 final exam weight	See note

WTPXRP51	831	000000.00	
	13113	000054.04-109913.81	
1144-1151		Replicate 52 final exam weight	See note
WTPXRP52	831	00000.00	
	13113	00073.26-113449.6	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

GENERAL INFORMATION

Positions		Item description	
SAS name	Counts	and code	Notes
1152-1155		Age in months at household youth	See note
HYAITMO		interview	
	13918	0002-0204	
	23	8888 Blank but applicable	
	3	9999 Don't know	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
MEC EXAMINATION  
-----

GENERAL INFORMATION

Positions		Item description	
SAS name	Counts	and code	Notes
1156		Language used by sample person in MEC	See note
MXPLANG	11101	1 English	
	1749	2 Spanish	
	3	3 Other	
	1091	Blank	
1157		Examination session for MEC	See note
MXPSESSR		examinees	
	5862	1 Morning	
	4242	2 Afternoon	
	3009	3 Evening	
	831	Blank	
1158-1159		Date of MEC exam time in (month)	

MXPTIMO	1179	01
	1185	02
	1427	03
	1270	04
	1148	05
	1082	06
	728	07
	1190	08
	951	09
	848	10
	1195	11
	910	12
	831	Blank

	1160	Day of week of MEC exam	
MXPTIDW	1091	1	Sunday
	1079	2	Monday
	1354	3	Tuesday
	1432	4	Wednesday
	2617	5	Thursday
	2145	6	Friday
	3395	7	Saturday
	831	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
MEC EXAMINATION  
-----

-----  
GENERAL INFORMATION  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
1161-1163		Age in months at MEC exam	See note
MXPAXTMR	13120	002-205	
	824	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOME EXAMINATION  
-----

-----  
GENERAL INFORMATION  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			

1164		Examination session for home	See note
HXPSESSR		examinees	
	16	1 Morning	
	18	2 Afternoon	
	2	3 Evening	
	13908	Blank	

1165-1166		Date of home exam (month)
HXPTIMO	2	01
	1	02
	2	03
	3	04
	3	06
	2	07
	6	08
	4	09
	2	10
	5	11
	6	12
	13908	Blank

1167		Day of week of home exam
HXPTIDW	2	1 Sunday
	5	2 Monday
	13	5 Thursday
	11	6 Friday
	5	7 Saturday
	13908	Blank

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOME EXAMINATION  
-----

-----  
GENERAL INFORMATION  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
1168-1169		Age in months at home exam	See note
HXPAXTMR	2	02	
	5	03	
	2	04	
	2	05	
	5	06	
	2	07	
	4	08	
	5	09	
	3	10	
	2	11	
	2	12	

1	13
1	29
13908	Blank

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

GENERAL INFORMATION

Positions		Item description	
SAS name	Counts	and code	Notes
	1170	Version of household family questionnaire	See note
HFVERS	6599	1	
	745	2	
	2621	3	
	3979	4	
	1171-1174	Interviewer number	
HFINTVR	13861	6038-7106	
	83	8888 Blank but applicable	
	1175	Language of interview for family questionnaire	See note
HFLANG	11545	1 English	
	2293	2 Spanish	
	14	3 Other	
	92	8 Blank but applicable	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION A. INDIVIDUAL CHARACTERISTICS

Positions		Item description	
SAS name	Counts	and code	Notes
	1176	In what state or foreign country was -- born?	See note
HFA6XCR	13047	1 50 United States	
	516	2 Mexico	
	296	3 Other	

	83	8	Blank but applicable	
	2	9	Don't know	
1177-1178			What is the highest grade or year of regular school -- has completed?	See note
HFA8R	9017	00	Never attended or kindergarten only	
	4861	01-12		
	62	88	Blank but applicable	
	4	99	Don't know	
1179-1180			Is -- now married, living together with someone as married, widowed, divorced, separated or has -- never been married?	
HFA12	13	01	Married - spouse in household	
	1	02	Married - spouse not in household	
	7	03	Living as married	
	1	06	Separated	
	1250	07	Never married	
	12639	55	Under 14	
	33	88	Blank but applicable	
1181			Did -- ever serve in the armed forces of the United States?	
HFA13	13944	3	Under 17	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
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Positions		Item description	
SAS name	Counts	and code	Notes
		Medicare is a Social Security health insurance program for certain disabled persons and for persons 65 years old and over. People covered by Medicare have a card that looks like this. HAND CARD F3.	
1182		During the last month (were/was) (NAME(S) OF ALL SPs IN FAMILY) covered by Medicare?	See note
HFB1	545	1 Yes	
	8743	2 No (HFB6)	
	4656	8 Blank but applicable	

ASK TO DETERMINE WHICH SPs IN FAMILY ARE COVERED. MARK BOX IN EACH COLUMN BEFORE ASKING HFB3.



	1183		During the last month was -- covered by Medicare?	See note
HFB2				
	37	1	Yes	
	493	2	No	
	4671	8	Blank but applicable	
	8743		Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

FOR EACH SAMPLE PERSON WITH "COVERED"  
IN HFB2, ASK HFB3

	1184		May I please see the Medicare card(s) for -- (and --) to record the claim number and type of coverage?	See note
HFB3				

TRANSCRIBE THE INFORMATION FROM THE CARD  
OR MARK THE "CARD NOT AVAILABLE" BOX.

		(Type of Medicare coverage for -- )
1	1	Hospital only (Part A) (HFB6)
7	3	Both (HFB6)
29	4	Card not available
4656	8	Blank but applicable
9251		Blank

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

IF "CARD NOT AVAILABLE" ASK HFB4-HFB5.

HFB4	1185	During the last month was -- covered by the part of Medicare that pays for hospital bills?		See note
	18	1	Yes	
	4	2	No	
	4663	8	Blank but applicable	
	9259		Blank	
HFB5	1186	Medicare has an optional feature that costs extra and helps pay for doctor bills. During the last month was -- covered by the part of Medicare that pays for doctor's bills?		See note
	17	1	Yes	
	5	2	No	
	4663	8	Blank but applicable	
	9259		Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
		There is a national program called Medicaid which pays for health care for persons in need. (In this State it is also called --.)	
HFB6	1187	During the last month (were/was) (NAME(S) OF ALL SPs IN FAMILY) covered by Medicaid (or -- )?	See note
	4476	1 Yes	
	5898	2 No (HFB8)	
	3566	8 Blank but applicable	
	4	9 Don't know	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE

Positions SAS name	Counts	Item description and code	Notes
ASK FOR EACH SP:			
HFB7	1188	During the last month was -- covered by Medicaid?	See note
	3952	1 Yes	
	492	2 No	
	3598	8 Blank but applicable	
	5902	Blank	
HFB8	1189	During the last month (were/was) (NAME(S) OF ALL SPs IN FAMILY) covered by CHAMPUS, CHAMPVA, the VA or military health care?	See note
		(These programs cover active duty and retired career military personnel and their dependents and survivors and also disabled veterans and their dependents and survivors.)	
	277	1 Yes	
	9429	2 No (HFB10)	
	4238	8 Blank but applicable	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE

Positions SAS name	Counts	Item description and code	Notes
ASK FOR EACH SP:			
HFB9	1190	During the last month was -- covered by CHAMPUS, CHAMPVA, the VA or military health care?	See note
	188	1 Yes	
	76	2 No	
	4251	8 Blank but applicable	
	9429	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		We are interested in all kinds of health insurance plans except those that pay only for accidents.	
HFB10	1191	(Not counting Medicare, Medicaid, or Veteran's Payments) During the last month (were/was) (NAME(S) OF ALL SPs IN FAMILY) covered by a health insurance plan obtained privately or through a current or former employer or union that pays any part of a hospital stay or routine doctor's care? Include membership in a health maintenance organization.	See note
	8372	1 Yes	
	3866	2 No (HFB12)	
	1686	8 Blank but applicable	
	20	9 Don't know	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
		ASK HFB11-HFB11D FOR EACH SAMPLE PERSON BEFORE ASKING HFB12.	
HFB11	1192	During the last month was -- covered by one or more health insurance plans	See note

obtained privately or through an employer or union?

FOR EACH SAMPLE PERSON WITH "COVERED" IN HFB11, ASK HFB11A-HFB11D.

	7627	1	Yes	
	704	2	No	
	1725	8	Blank but applicable	
	2	9	Don't know	
	3886		Blank	
HFB11A	1193		Did any of these plans cover any part of hospital expenses?	See note
	7500	1	Yes	
	21	2	No	
	1771	8	Blank but applicable	
	21	9	Don't know	
	4631		Blank	
HFB11B	1194		Did any of these plans cover any part of the costs of routine doctor's care? (Versions 2, 3, and 4)	See note
	2893	1	Yes	
	278	2	No	
	13	8	Blank but applicable	
	12	9	Don't know	
	10748		Blank	
HFB11C	1195		Did any of these plans cover any part of dental care? (Versions 3 and 4)	See note
	2615	1	Yes	
	1066	2	No	
	162	8	Blank but applicable	
	40	9	Don't know	
	10061		Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE

Positions		Item description	
SAS name	Counts	and code	Notes
HFB11D	1196	Are any of these plans from someone's current or former employer or union? (Versions 3 and 4)	See note
	2972	1 Yes	
	205	2 No	
	14	8 Blank but applicable	

	5	9	Don't know	
	10748		Blank	
HFB11E	1197		Is -- now covered by a plan that pays any part of doctor's or surgeon's bills for operations? (Versions 1 and 2)	See note
	4303	1	Yes	
	18	2	No	
	1766	8	Blank but applicable	
	30	9	Don't know	
	7827		Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

-----

ASK FOR EACH SP:

HFB12	1198		Has -- ever been refused health insurance or limited in the kind of insurance coverage (he/she) could obtain because of poor health? (Versions 3 and 4)	See note
	65	1	Yes	
	6506	2	No	
	24	8	Blank but applicable	
	5	9	Don't know	
	7344		Blank	
HFB13	1199		CHECK ITEM. REVIEW RESPONSES TO HFB2, HFB7, HFB9, AND HFB11 AND MARK BOX FOR EACH SP. IF ALL COVERED, GO TO HFC1. IF NOT CONTINUE.	
	11180	1	Covered in HFB2, HFB7, HFB9, or HFB11 (HFC1)	
	1764	2	No	
	991	8	Blank but applicable	
	9	9	Don't know	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
		Many people do not carry health insurance for various reasons. HAND CARD F4.	
		Which of these statements describes why -- is currently not covered by any health insurance?	
1200		Unemployed, or reasons related to unemployment? (Versions 1 and 2)	See note
HFB14AB	43	1 Yes	
	554	2 No	
	987	8 Blank but applicable	
	6	9 Don't know	
	12354	Blank	
1201		Can't obtain insurance because of poor health, illness, or age? (Versions 1 and 2)	See note
HFB14AC	9	1 Yes	
	588	2 No	
	987	8 Blank but applicable	
	6	9 Don't know	
	12354	Blank	
1202		Too expensive, can't afford health insurance? (Versions 1 and 2)	See note
HFB14AD	528	1 Yes	
	69	2 No	
	987	8 Blank but applicable	
	6	9 Don't know	
	12354	Blank	
1203		Dissatisfied with previous insurance? (Versions 1 and 2)	See note
HFB14AE	3	1 Yes	
	594	2 No	
	987	8 Blank but applicable	
	6	9 Don't know	
	12354	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
1204 HFB14AF		Don't believe in insurance? (Versions 1 and 2)	See note
	7	1 Yes	
	590	2 No	
	987	8 Blank but applicable	
	6	9 Don't know	
	12354	Blank	
1205 HFB14AG		Have been healthy, not much sickness in the family, haven't needed health insurance? (Versions 1 and 2)	See note
	39	1 Yes	
	558	2 No	
	987	8 Blank but applicable	
	6	9 Don't know	
	12354	Blank	
1206 HFB14AI		Some other reason? (Versions 1 and 2)	See note
	34	1 Yes	
	563	2 No	
	987	8 Blank but applicable	
	6	9 Don't know	
	12354	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
1207 HFB14BA		Refused insurance for health reasons (Versions 3 and 4)	See note
	10	1 Yes	
	1125	2 No	
	33	8 Blank but applicable	
	6	9 Don't know	
	12770	Blank	
1208		Not employed - can't afford insurance	See note



HFB14BB		premiums? (Versions 3 and 4)	
	413	1	Yes
	722	2	No
	33	8	Blank but applicable
	6	9	Don't know
	12770		Blank
1209		Not employed - lost job, did not	See note
HFB14BC		continue insurance? (Versions 3 and 4)	
	129	1	Yes
	1006	2	No
	33	8	Blank but applicable
	6	9	Don't know
	12770		Blank
1210		Employed but employer does not offer	See note
HFB14BD		insurance? (Versions 3 and 4)	
	195	1	Yes
	940	2	No
	33	8	Blank but applicable
	6	9	Don't know
	12770		Blank

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
1211		Employed and employer offers insurance,	See note
HFB14BE		but -- is not eligible for insurance	
		(for example because of working only	
		part-time)? (Versions 3 and 4)	
	60	1	Yes
	1075	2	No
	33	8	Blank but applicable
	6	9	Don't know
	12770		Blank
1212		Employed, employer offers insurance,	See note
HFB14BF		and -- is eligible, but can't afford	
		employee part of premium?	
		(Versions 3 and 4)	
	108	1	Yes
	1027	2	No
	33	8	Blank but applicable
	6	9	Don't know
	12770		Blank

1213		Don't believe in, don't think can get,	See note
HFB14BG		or haven't needed health insurance?	
		(Versions 3 and 4)	
	47	1 Yes	
	1088	2 No	
	33	8 Blank but applicable	
	6	9 Don't know	
	12770	Blank	
1214		Some other reason? (Versions 3 and 4)	See note
HFB14BH	256	1 Yes	
	879	2 No	
	33	8 Blank but applicable	
	6	9 Don't know	
	12770	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
1215-1216		What is the main reason -- is currently	See note
HFB16A		not covered by any health insurance?	
		(Versions 1 and 2)	
	14	02 Unemployment, or reasons related to unemployment	
	3	03 Can't obtain insurance because of poor health, illness, or age	
	29	04 Too expensive, can't afford health insurance	
	1	06 Don't believe in insurance	
	9	07 Have been healthy, not much sickness in the family, haven't needed health insurance	
	8	09 Some other reason	
	527	55 Only one reason given in HFB14	
	993	88 Blank but applicable	
	6	99 Don't know	
	12354	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION B. HEALTH INSURANCE AND INCOME ASSISTANCE  
-----

Positions SAS name	Counts	Item description and code	Notes
1217-1218 HFB16B		What is the main reason -- is currently not covered by any health insurance? (Versions 3 and 4)	See note
	1	02 Refused insurance for health reasons	
	16	03 Not employed - can't afford insurance premiums	
	7	04 Not employed - lost job, did not continue insurance	
	5	05 Employed but employer does not offer insurance	
	12	06 Employed and employer offers insurance but -- is not eligible for insurance (for example because of only working part-time)	
	5	07 Employed, employer offers insurance and -- is eligible, but can't afford employee part of premium	
	22	10 Some other reason	
	9	11 Can't afford premiums, employment not mentioned	
	1056	55 Only one reason given in HFB14	
	35	88 Blank but applicable	
	6	99 Don't know	
	12770	Blank	
1219 HFB17		Is -- covered by health insurance that pays any part of dental care? (Version 1)	See note
	3289	1 Yes	
	3090	2 No	
	100	8 Blank but applicable	
	120	9 Don't know	
	7345	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION C. FAMILY BACKGROUND  
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Positions SAS name	Counts	Item description and code	Notes
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	1220	CHECK ITEM. REFER TO AGE OF SAMPLE PERSON AND MARK BOX.		
HFC1				
	13944	2	Under 17 years old	
			Now I have some questions about --'s biological parents.	
	1221-1223	How much (does --'s mother/do you) weigh? (pounds)		See note
HFC2S				
	13302	075-349		
	109	888	Blank but applicable	
	533	999	Don't know	
	1224-1226	How tall (is --'s mother/are you)? (inches)		See note
HFC3S				
	13163	048-079		
	132	888	Blank but applicable	
	649	999	Don't know	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)				
SECTION C. FAMILY BACKGROUND				
Positions		Item description		
SAS name	Counts	and code		Notes
1227-1229		How much (does --'s father/do you)		See note
HFC4S		weigh? (pounds)		
	12138	090-400		
	144	888 Blank but applicable		
	1662	999 Don't know		
1230-1232		How tall (is --'s father/are you)?		See note
HFC5S		(inches)		
	12399	051-090		
	167	888 Blank but applicable		
	1378	999 Don't know		

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION C. FAMILY BACKGROUND

Positions		Item description	
SAS name	Counts	and code	Notes
		Has either of --'s biological parents ever been told by a doctor that he or she had ...	
HFC6A	1233	High blood pressure or stroke before the age of 50?	
	2270	1 Yes	
	11416	2 No (HFC6B)	
	61	8 Blank but applicable	
	197	9 Don't know (HFC6B)	
HFC6A1	1234	Which, --'s biological parent	
	1004	1 Father	
	1163	2 Mother	
	101	3 Both father and mother	
	63	8 Blank but applicable	
	11613	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION C. FAMILY BACKGROUND

Positions		Item description	
SAS name	Counts	and code	Notes
		Has either of --'s biological parents ever been told by a doctor that he or she had ...	
HFC6B	1235	Heart attack or angina before the age of 50?	
	280	1 Yes	
	13432	2 No (HFC6C)	
	62	8 Blank but applicable	
	170	9 Don't know (HFC6C)	
HFC6B1	1236	Which, --'s biological parent	
	167	1 Father	
	111	2 Mother	

2	3	Both father and mother
62	8	Blank but applicable
13602		Blank

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION C. FAMILY BACKGROUND

Positions		Item description	
SAS name	Counts	and code	Notes

Has either of --'s biological parents  
ever been told by a doctor that he or  
she had ...

	1237		High blood cholesterol at any age?
HFC6C	1359	1	Yes
	12122	2	No (HFC6D)
	65	8	Blank but applicable
	398	9	Don't know (HFC6D)

	1238		Which, --'s biological parent
HFC6C1	756	1	Father
	541	2	Mother
	62	3	Both father and mother
	65	8	Blank but applicable
	12520		Blank

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION C. FAMILY BACKGROUND

Positions		Item description	
SAS name	Counts	and code	Notes

Has either of --'s biological parents  
ever been told by a doctor that he or  
she had ...

	1239		Asthma or hay fever at any age?
HFC6D	2600	1	Yes
	11086	2	No (HFC6E)
	61	8	Blank but applicable
	197	9	Don't know (HFC6E)

	1240		Which, --'s biological parent
HFC6D1	1028	1	Father
	1310	2	Mother
	261	3	Both father and mother
	62	8	Blank but applicable
	11283		Blank

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION C. FAMILY BACKGROUND  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

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Has either of --'s biological parents  
ever been told by a doctor that he or  
she had ...

	1241		Diabetes at any age?
HFC6E	668	1	Yes
	13025	2	No (HFC7)
	66	8	Blank but applicable
	185	9	Don't know (HFC7)

	1242		Which, --'s biological parent
HFC6E1	213	1	Father
	424	2	Mother
	30	3	Both father and mother
	67	8	Blank but applicable
	13210		Blank

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION C. FAMILY BACKGROUND  
-----

Positions SAS name	Counts	Item description and code	Notes
1243-1246 HFC7S		How long has -- lived at this address? (weeks)	See note
	13806	0001-0886	
	133	8888 Blank but applicable	
	5	9999 Don't know	
1247-1250 HFC8S		How long has -- lived in this (city/town/area)? (weeks)	See note
	8306	0001-0890	
	109	8888 Blank but applicable	
	15	9999 Don't know	
	5514	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION C. FAMILY BACKGROUND

Positions SAS name	Counts	Item description and code	Notes
1251-1252 HFC9		How many times has -- moved?	
	3221	01-22	
	129	88 Blank but applicable	
	59	99 Don't know	
	10535	Blank	
1253 HFC10		In what country (was --'s mother/were you) born?	
	10517	1 50 United States	
	2269	2 Mexico	
	1079	3 Other	
	50	8 Blank but applicable	
	29	9 Don't know	
1254 HFC11		In what country (was --'s father/were you) born?	
	10270	1 50 United States	
	2433	2 Mexico	
	1096	3 Other	
	55	8 Blank but applicable	
	90	9 Don't know	



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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
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Positions SAS name	Counts	Item description and code	Notes
-----			
	1255	CHECK ITEM.	
HFD1	7233	1	Family reference person is a sample person (HFE1)
	6603	2	Family reference person is not a sample person
	77	3	Family reference person is active military living at home (HFD10)
	31	8	Blank but applicable
	1256	During past 2 weeks, did -- work at any time at a job or business, not counting work around the house?	
HFD2		INCLUDE UNPAID WORK IN THE FAMILY FARM OR BUSINESS.	
	4916	1	Yes (HFD9)
	1562	2	No
	156	8	Blank but applicable
	7310	Blank	
	1257	Even though -- did not work during those 2 weeks, did -- have a job or business?	
HFD3	89	1	Yes
	1473	2	No
	156	8	Blank but applicable
	12226	Blank	
	1258	Was -- looking for work or on layoff from a job?	
HFD4	356	1	Yes
	1206	2	No (HFD6)
	156	8	Blank but applicable
	12226	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
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Positions SAS name	Counts	Item description and code	Notes
HFD5	1259	Which, looking for work or on layoff from a job?	
	233	1 Looking (HFD8)	
	95	2 Layoff (HFD9)	
	28	3 Both (HFD9)	
	156	8 Blank but applicable	
	13432	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON

Positions SAS name	Counts	Item description and code	Notes
HFD9R	1260-1261	What kind of business or industry is this? (For example, TV and radio manufacturing, retail shoe store, State Labor Department, farm.)	See note
	157	01 Agriculture production	
	84	02 Agricultural services, forestry, and fishing	
	44	03 Mining	
	564	04 Construction	
	155	05 Food and kindred products	
	53	06 Textile mill products	
	52	07 Apparel and other finished textile products	
	116	08 Paper products, printing, publishing, and allied industries	
	96	09 Chemicals, petroleum, and coal products	
	67	10 Rubber, plastics, and leather products	
	90	11 Lumber and wood products, including furniture	
	124	12 Metal industries	
	120	13 Machinery, except electrical	
	84	14 Electrical machinery, equipment, and supplies	
	193	15 Transportation equipment	
	137	16 Miscellaneous and not specified manufacturing industries	
	112	17 Trucking service	

154	18	Transportation, except trucking
52	19	Communications
98	20	Utilities
125	21	Wholesale trade, durable goods
108	22	Wholesale trade, nondurable and not specified goods
51	23	Department stores
128	24	Food stores
88	25	Vehicle dealers, supply and service stores
20	26	Apparel and accessory stores

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
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Positions		Item description	
SAS name	Counts	and code	Notes
	246	27 Eating and drinking places	
	157	28 Other retail trade	
	96	29 Banking and other finance	
	111	30 Insurance and real estate	
	216	31 Business services	
	111	32 Repair services	
	30	33 Private households	
	53	34 Lodging places	
	55	35 Personal services, except private households and lodging	
	37	36 Entertainment and recreation services	
	61	37 Offices of health practitioners	
	128	38 Hospitals	
	95	39 Health services, n. e. c.	
	205	40 Educational services	
	56	41 Social services	
	165	42 Other professional and related services	
	122	43 Justice, public order, and safety	
	148	44 Public administration, except justice, public order, and safety	
	314	88 Blank but applicable	
	8466	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)			
SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON			
Positions SAS name	Counts	Item description and code	Notes
1262-1263 HFD10R		What kind of work was -- doing? (For example, electrical engineer, stock clerk, typist, farmer.)	See note
	418	01 Executive, administrators, and managers	
	115	02 Management related occupations	
	153	03 Engineers and scientists	
	100	04 Health diagnosing, assessment, and treating occupations	
	118	05 Teachers	
	56	06 Writers, artists, entertainers, and athletes	
	133	07 Other professional specialty occupations	
	159	08 Technicians and related support occupations	
	151	09 Supervisors and proprietors, sales occupations	
	126	10 Sales representatives, finance, business, and, commodities except retail	
	183	11 Sales workers, retail and personal services	
	63	12 Secretaries, stenographers, and typists	
	28	13 Information clerks	
	52	14 Records processing occupations	
	82	15 Material recording, scheduling, and distributing clerks	
	211	16 Miscellaneous administrative support occupations	
	23	17 Private household occupations	
	115	18 Protective service occupations	
	40	19 Waiters and waitresses	
	121	20 Cooks	
	69	21 Miscellaneous food preparation and service occupations	
	76	22 Health service occupations	
	154	23 Cleaning and building service occupations	
	47	24 Personal service occupations	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
-----

Positions SAS name	Counts	Item description and code	Notes
	72	25 Farm operators, managers, and supervisors	
	89	26 Farm and nursery workers	
	72	27 Related agricultural, forestry, and fishing occupations	
	134	28 Vehicle and mobile equipment mechanics and repairers	
	211	29 Other mechanics and repairers	
	402	30 Construction trades	
	223	31 Extractive and precision production occupations	
	57	32 Textile, apparel, and furnishings machine operators	
	345	33 Machine operators, assorted materials	
	165	34 Fabricators, assemblers, inspectors, and samplers	
	262	35 Motor vehicle operators	
	106	36 Other transportation and material moving occupations	
	70	37 Construction laborers	
	79	38 Laborers, except construction	
	93	39 Freight, stock, and material movers, hand	
	53	40 Other handlers, equipment cleaners, and handlers	
	184	88 Blank but applicable	
	141	99 Don't know	
	8393	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION D. OCCUPATION OF FAMILY REFERENCE PERSON  
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Positions SAS name	Counts	Item description and code	Notes
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COMPLETE FROM ENTRIES IN QUESTIONS  
HFD7 THRU HFD11.  
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IF NOT CLEAR ASK:

1264-1265		Class of worker	See note
HFD12	4011	01 Private company	
	210	02 Federal government	
	223	03 State government	
	297	04 Local government	
	105	05 Self employed - incorporated	
	390	06 Self employed - not incorporated	
	1	07 Worked without pay	
	209	08 Armed forces	
	102	88 Blank but applicable	
	7	99 Don't know	
	8389	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION E. HOUSING CHARACTERISTICS  
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Positions		Item description	
SAS name	Counts	and code	Notes
	1266	When was this (house/structure)	See note
HFE1		originally built? (Was it ...?)	
	2366	1 Before 1946	
	5574	2 1946-1973	
	4071	3 1974 to present	
	615	8 Blank but applicable	
	1318	9 Don't know	
	1267-1268	How many rooms are in this home?	
HFE2		Count the kitchen but not the bathroom.	
	13895	01-18	
	43	88 Blank but applicable	
	6	99 Don't know	
	1269-1271	How long has your family lived at this	
HFE3		address? (years)	
	10620	001-098	
	3234	777 Less than one year	
	85	888 Blank but applicable	
	5	999 Don't know	
	1272	Is your home drinking water bottled or	
HFE4		from the tap (faucet)?	
	1949	1 Bottled (HFE7)	
	11954	2 Tap	
	41	8 Blank but applicable	

	1273		What is the source of your home tap water?
HFE5			
	10643	1	Private or public water company
	1165	2	Private or public well or cistern
	35	3	Spring
	48	8	Blank but applicable
	104	9	Don't know
	1949		Blank

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION E. HOUSING CHARACTERISTICS  
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Positions		Item description	
SAS name	Counts	and code	Notes
	1274	Does your home drinking water have a water softening or conditioning system? This includes both systems at the (tap/faucet) and systems for the entire home.	
HFE6			
	1077	1 Yes	
	10431	2 No	
	50	8 Blank but applicable	
	437	9 Don't know	
	1949	Blank	
	1275	Do any pets live in this home?	
HFE7			
	4565	1 Yes	
	9345	2 No (HFE9)	
	34	8 Blank but applicable	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION E. HOUSING CHARACTERISTICS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
	1276	What kind of pet lives here . . .	
HFE8A		A dog?	
	2612	1 Yes	

	1944	2	No
	43	8	Blank but applicable
	9345		Blank
	1277		A cat?
HFE8B	1832	1	Yes
	2724	2	No
	43	8	Blank but applicable
	9345		Blank
	1278		A bird?
HFE8C	619	1	Yes
	3937	2	No
	43	8	Blank but applicable
	9345		Blank
	1279		A fish?
HFE8D	871	1	Yes
	3685	2	No
	43	8	Blank but applicable
	9345		Blank
	1280		Any other pet?
HFE8E	285	1	Rodent
	132	2	Rabbit
	99	3	Reptile
	36	4	Farm pet
	22	5	Other
	43	8	Blank but applicable
	13327		Blank

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION E. HOUSING CHARACTERISTICS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
	1281	During the past 12 months was a furnace that forces out hot air used to heat this place?	
HFE9	9551	1 Yes	
	4287	2 No (HFE11)	
	36	8 Blank but applicable	
	70	9 Don't know (HFE11)	
	1282	Was the hot-air furnace fueled by oil, by gas, by electricity, or by something else?	
HFE10			



	626	1	Oil
	6322	2	Gas
	2426	3	Electricity
	28	4	Other
	46	5	Propane
	49	8	Blank but applicable
	90	9	Don't know
	4357		Blank
HFE11	1283		During the past 12 months was one or more space heaters used to heat this place? We are interested only in heaters that are not vented to the outside.
	2948	1	Yes
	10899	2	No (HFE13)
	47	8	Blank but applicable
	50	9	Don't know (HFE13)

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION E. HOUSING CHARACTERISTICS  
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Positions		Item description	
SAS name	Counts	and code	Notes
-----			
HFE12	1284-1285	Was the room or space heater fueled by electricity, kerosene, propane, or by something else?	
	1682	01 Electricity	
	448	02 Kerosene	
	180	03 Propane	
	613	04 Natural gas	
	8	05 Oil	
	15	06 Gasoline	
	47	88 Blank but applicable	
	2	99 Don't know	
	10949	Blank	
HFE13	1286	During the past 12 months was one or more wood stoves used here?	
	774	1 Yes	
	13126	2 No	
	36	8 Blank but applicable	
	8	9 Don't know	
HFE14	1287	During the past 12 months was one or more fireplaces used here?	
	2151	1 Yes	
	11741	2 No	

	42	8	Blank but applicable
	10	9	Don't know
HFE15	1288		Is a gas stove or oven used for cooking at this place?
	8144	1	Yes
	5763	2	No (HFF1)
	37	8	Blank but applicable
HFE16	1289		Is there an exhaust fan near this stove that sends fumes outside the house?
	4242	1	Yes
	3901	2	No (HFE18)
	37	8	Blank but applicable
	1	9	Don't know (HFE18)
	5763		Blank

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION E. HOUSING CHARACTERISTICS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
HFE17	1290	When the stove or oven is being used, how often is this exhaust fan used? Would you say it is used always, sometimes, rarely, or never?	
	1766	1 Always	
	1574	2 Sometimes	
	521	3 Rarely	
	369	4 Never	
	39	8 Blank but applicable	
	11	9 Don't know	
	9664	Blank	
HFE18	1291	During the past 12 months was the stove or oven ever used to heat this place?	
	1354	1 Yes	
	6742	2 No	
	54	8 Blank but applicable	
	31	9 Don't know	
	5763	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

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SECTION F. FAMILY CHARACTERISTICS

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Positions		Item description	
SAS name	Counts	and code	Notes
	1292	Does anyone who lives here smoke	
HFF1		cigarettes in the home?	
	5376	1 Yes	
	8526	2 No (HFF4)	
	42	8 Blank but applicable	
	1293-1294	Total number of persons who smoke	See note
HFF2R		cigarettes in the home.	
	8526	00 No smokers in the home	
	3481	01	
	1581	02	
	229	03	
	58	04	
	15	05	
	12	06	
	42	88 Blank but applicable	
	1295-1297	How many cigarettes a day does person 1	
HFF3A		usually smoke in the home?	
	5334	001-060	
	42	888 Blank but applicable	
	42	999 Don't know	
	8526	Blank	
	1298-1300	How many cigarettes a day does person 2	
HFF3B		usually smoke in the home?	
	1881	001-060	
	42	888 Blank but applicable	
	14	999 Don't know	
	12007	Blank	
	1301-1303	How many cigarettes a day does person 3	
HFF3C		usually smoke in the home?	
	311	001-045	
	42	888 Blank but applicable	
	3	999 Don't know	
	13588	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

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SECTION F. FAMILY CHARACTERISTICS

Positions		Item description	
SAS name	Counts	and code	Notes
1304-1306		How many cigarettes a day does person 4	
HFF3D		usually smoke in the home?	
	82	001-040	
	42	888 Blank but applicable	
	3	999 Don't know	
	13817	Blank	
1307-1309		How many cigarettes a day does person 5	
HFF3E		usually smoke in the home?	
	3	001	
	1	003	
	3	005	
	5	006	
	3	009	
	6	010	
	6	020	
	42	888 Blank but applicable	
	13875	Blank	
1310-1312		How many cigarettes a day does person 6	
HFF3F		usually smoke in the home?	
	9	010	
	3	015	
	42	888 Blank but applicable	
	13890	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION F. FAMILY CHARACTERISTICS

Positions		Item description	
SAS name	Counts	and code	Notes
		Which one of the following statements	
		best describes the food eaten by (you/	
		your family)?	
1313		Do you have enough food to eat,	See note
HFF4		sometimes not enough to eat, or often	
		not enough to eat?	
	12407	1 Enough food to eat (HFF7)	
	1361	2 Sometimes not enough food to eat	

	129	3	Often not enough to eat	
	47	8	Blank but applicable	
1314-1315			Thinking about the past month, how many	See note
HFF5			days did (you/your family) have no food	
			or money to buy food?	
	440	00	None (HFF7)	
	1029	01-31		
	56	88	Blank but applicable	
	12	99	Don't know	
	12407		Blank	

NHANES III Household Youth Data File  
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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
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Positions		Item description	
SAS name	Counts	and code	Notes
-----			
		Which of the following reasons explains why (you have/your family has) had this problem?	
	1316	Because of transportation problems?	See note
HFF6A	74	1 Yes	
	969	2 No	
	54	8 Blank but applicable	
	12847	Blank	
	1317	Because you did not have working appliances for storing or preparing foods (such as stove or refrigerator)?	See note
HFF6B	25	1 Yes	
	1018	2 No	
	54	8 Blank but applicable	
	12847	Blank	
	1318	Because you did not have enough money, food stamps, or WIC vouchers to buy food or beverages?	See note
HFF6C	1029	1 Yes	
	14	2 No	
	54	8 Blank but applicable	
	12847	Blank	
	1319	Any other reason?	See note
HFF6D	33	1 Yes	
	1000	2 No	

64	8	Blank but applicable
12847		Blank

NHANES III Household Youth Data File  
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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION F. FAMILY CHARACTERISTICS

Positions SAS name	Counts	Item description and code	Notes
HFF7	1320	Thinking about the past month, did (you/ adult members of your family) ever cut the size of your meals because there was not enough money or food? (Versions 3 and 4)	See note
	921	1 Yes	
	5667	2 No	
	12	8 Blank but applicable	
	7344	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)

SECTION F. FAMILY CHARACTERISTICS

Positions SAS name	Counts	Item description and code	Notes
HFF8	1321	Thinking about the past month, did you cut the size of your children's meals or did they skip meals because there was not enough money for food? (Versions 3 and 4)	See note
	389	1 Yes	
	6186	2 No	
	25	8 Blank but applicable	
	7344	Blank	

REFER TO SCREENER. IF CHILDREN LESS THAN AGE 17 ASK THIS, OTHERWISE SKIP TO F9.

HFF9	1322	Did (you/any member of this family) receive benefits from the WIC program, that is, the Women, Infants, and Children program in (NAME OF LAST MONTH)?		See note
	3193	1	Yes	
	10695	2	No	
	56	8	Blank but applicable	
HFF10	1323	Did (you/any member of this family) receive food stamps in any of the last 12 months?		See note
	4397	1	Yes	
	9477	2	No (HFF12A)	
	58	8	Blank but applicable	
	12	9	Don't know (HFF12A)	
HFF11	1324	(Are you/Is your family) receiving food stamps at the present time?		See note
	4005	1	Yes	
	391	2	No	
	58	8	Blank but applicable	
	1	9	Don't know	
	9489	Blank		

NHANES III Household Youth Data File  
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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION F. FAMILY CHARACTERISTICS  
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Positions		Item description	
SAS name	Counts	and code	Notes

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The following questions are about different types of family income. We ask them to see if there is a relationship between family income and health.

HFF12A	1325	During the last month, did anyone in the family receive income from working for an employer or from self-employment? (Versions 3 and 4)		See note
	5361	1	Yes	
	1227	2	No (HFF13A)	
	12	8	Blank but applicable	
	7344	Blank		
	1326	During the last month, did -- receive		See note

HFF12B		income from working for an employer or from self-employment? (Versions 3 and 4)
	76	1 Yes
	5283	2 No
	14	8 Blank but applicable
	8571	Blank

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
	1327	During the last month, did anyone in	See note
HFF13A		the family receive Social Security or	
		Railroad Retirement payments?	
	977	1 Yes	
	6351	2 No (HFF14A)	
	6616	8 Blank but applicable	
	1328	During the last month, did -- receive	See note
HFF13B		Social Security or Railroad Retirement	
		payments?	
	257	1 Yes	
	695	2 No	
	6641	8 Blank but applicable	
	6351	Blank	
	1329	What is the reason -- is getting Social	See note
HFF13DA		Security or Railroad Retirement? Is it	
		because -- is retired, disabled,	
		widowed, a surviving child, a spouse or	
		a dependent child?	
		(Versions 1 and 2)	
	5	2 Disabled	
	72	3 Widowed or surviving child	
	52	4 Spouse or dependent child	
	6	5 Some other reason	
	6604	8 Blank but applicable	
	2	9 Don't know	
	7203	Blank	
	1330-1331	What is the reason -- is getting Social	See note
HFF13DB		Security or Railroad Retirement? Is it	
		because -- is retired, disabled,	
		widowed, a surviving child, a spouse or	
		a dependent child?	



		(Versions 3 and 4)
5	02	Disabled
59	04	Surviving child
53	06	Dependent child
12	88	Blank but applicable
13815		Blank

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION F. FAMILY CHARACTERISTICS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
	1332	Sometimes people get Social Security for	See note
HFF13E		more than one reason. Is there another	
		reason -- receives Social Security?	
		(Versions 1 and 2)	
	3	3 Widowed or surviving child	
	1	4 Spouse or dependent child	
	114	5 No other reason	
	6622	8 Blank but applicable	
	1	9 Don't know	
	7203	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION F. FAMILY CHARACTERISTICS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
	1333	During the last month, did anyone in	See note
HFF14A		the family receive any SSI (Supplemental	
		Security Income) payments from the	
		Federal Government?	
	464	1 Yes	
	8778	2 No (HFF15A)	
	4702	8 Blank but applicable	
	1334	During the last month, did -- receive	See note

HFF14B		any SSI (Supplemental Security Income)	
		payments from the Federal Government?	
	102	1	Yes
	348	2	No
	4716	8	Blank but applicable
	8778		Blank
1335		Did -- also receive a separate SSI	See note
HFF14D		payment from the State or Local welfare	
		office during the past 4 months?	
		(Versions 1 and 2)	
	24	1	Yes
	40	2	No
	4792	8	Blank but applicable
	9088		Blank

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
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Positions		Item description	
SAS name	Counts	and code	Notes
1336		During the last month, did anyone in	See note
HFF15A		the family receive any pension or	
		disability payment other than Social	
		Security or Railroad Retirement?	
		(Versions 3 and 4)	
	240	1	Yes
	6347	2	No (HFF16A)
	12	8	Blank but applicable
	1	9	Don't know (HFF16A)
	7344		Blank
1337		During the last month, did -- receive	See note
HFF15B		any pension or disability payment other	
		than Social Security or Railroad	
		Retirement?	
		(Versions 3 and 4)	
	5	1	Yes
	233	2	No
	14	8	Blank but applicable
	13692		Blank

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

SECTION F. FAMILY CHARACTERISTICS  
-----

Positions SAS name	Counts	Item description and code	Notes
HFF16A	1338	During the last month, did anyone in the family receive Public assistance or welfare payments from the State or Local welfare office? Do not include SSI. (Versions 3 and 4)	See note
	1486	1 Yes	
	5101	2 No (HFF17A)	
	12	8 Blank but applicable	
	1	9 Don't know (HFF17A)	
	7344	Blank	
HFF16B	1339	During the last month, did -- receive Public assistance or welfare payments from the State or Local welfare office? Do not include SSI. (Versions 3 and 4)	See note
	1040	1 Yes	
	422	2 No	
	36	8 Blank but applicable	
	12446	Blank	
HFF16D	1340	During the last month, did anyone in the family receive "Aid to Families with Dependent Children", sometimes called AFDC or ADC? (Versions 2, 3, and 4)	See note
	1354	1 Yes	
	871	2 No (HFF17A)	
	13	8 Blank but applicable	
	5	9 Don't know (HFF17A)	
	11701	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
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1341		During the last month, did -- receive	See note
HFF16E		"Aid to Families with Dependent Children", sometimes called AFDC or ADC? (Versions 2, 3, and 4)	
	1016	1 Yes	
	326	2 No	
	25	8 Blank but applicable	
	12577	Blank	

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
1342		During the last month, did anyone in	See note
HFF17A		the family receive income from any other source such as veteran's payments, workman's compensation, rental income, interest and dividend income, or child support and alimony? (Versions 3 and 4)	
	1063	1 Yes	
	5525	2 No (HFF18)	
	12	8 Blank but applicable	
	7344	Blank	
1343		During the last month, did -- receive	See note
HFF17B		income from any other source such as veteran's payments, workman's compensation, rental income, interest and dividend income, or child support and alimony? (Versions 3 and 4)	
	277	1 Yes	
	786	2 No	
	12	8 Blank but applicable	
	12869	Blank	
1344		Including wages, salaries, self-	
HFF18		employment, and any other source of income we just talked about, was the total combined family income during the last 12 months - (that is, yours, READ THE NAMES OF ALL FAMILY MEMBERS, INCLUDING ARMED FORCES MEMBERS LIVING AT HOME) - more or less than \$20,000?	

33	0	No income (HFF21)
6968	1	Less than \$20,000
6720	2	\$20,000 or more
122	8	Blank but applicable
101	9	Don't know

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
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READ PARENTHETICAL PHRASE IF ARMED  
FORCES MEMBER LIVING AT HOME OR IF  
NECESSARY.

1345-1346 HFF19R	Of those income groups, which letter best represents the total combined family income during the last 12 months (that is yours, READ NAMES, INCLUDING ARMED FORCES MEMBERS LIVING AT HOME)? Include all sources of income we just talked about.	See note
33	00 No income	
158	01 Less than \$1000 (including loss)	
197	02 \$ 1,000 - 1,999	
218	03 \$ 2,000 - 2,999	
215	04 \$ 3,000 - 3,999	
260	05 \$ 4,000 - 4,999	
268	06 \$ 5,000 - 5,999	
315	07 \$ 6,000 - 6,999	
405	08 \$ 7,000 - 7,999	
306	09 \$ 8,000 - 8,999	
411	10 \$ 9,000 - 9,999	
391	11 \$10,000 - 10,999	
266	12 \$11,000 - 11,999	
523	13 \$12,000 - 12,999	
327	14 \$13,000 - 13,999	
351	15 \$14,000 - 14,999	
356	16 \$15,000 - 15,999	
272	17 \$16,000 - 16,999	
329	18 \$17,000 - 17,999	
340	19 \$18,000 - 18,999	
358	20 \$19,000 - 19,999	
1170	21 \$20,000 - 24,999	
943	22 \$25,000 - 29,999	
864	23 \$30,000 - 34,999	

642	24	\$35,000 - 39,999
585	25	\$40,000 - 44,999
491	26	\$45,000 - 49,999
1689	27	\$50,000 and over
274	88	Blank but applicable

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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
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987	99	Don't know	
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HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
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SECTION F. FAMILY CHARACTERISTICS  
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Positions SAS name	Counts	Item description and code	Notes
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HAND CARD F7

1347-1348 HFF20R	33 211 223 366 408 413 511 609 549	<p>Now, please think about your family income during (NAME LAST MONTH). Which letter best represents the total family income during (NAME OF LAST MONTH) (that is yours, READ NAMES, INCLUDING ARMED FORCES MEMBERS LIVING AT HOME)? Again, include all sources of income we just talked about.</p> <p>00 No income</p> <p>01 Less than \$100 (including loss)</p> <p>02 \$100 - 199</p> <p>03 \$200 - 299</p> <p>04 \$300 - 399</p> <p>05 \$400 - 499</p> <p>06 \$500 - 599</p> <p>07 \$600 - 699</p> <p>08 \$700 - 799</p>	See note
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542	09	\$800 - 899
436	10	\$900 - 999
679	11	\$1000 - 1099
421	12	\$1100 - 1199
629	13	\$1200 - 1299
312	14	\$1300 - 1399
417	15	\$1400 - 1499
790	16	\$1500 - 1799
1127	17	\$1800 - 2199
1441	18	\$2200 - 2999
1139	19	\$3000 - 3999
1481	20	\$4000 and over
291	88	Blank but applicable
916	99	Don't know

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

DATA FOR FAMILY REFERENCE PERSON  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
1349-1353 HFHSEQN		Sequence number for family reference person	See note
	7233	00011-53581	
	31	88888 Blank but applicable	
	6680	Blank	
1354-1356 HFHAGER		Age of family reference person (years)	See note
	13789	015-084	
	5	090 90+	
	150	888 Blank but applicable	
1357 HFHSEX		Sex of family reference person	See note
	9109	1 Male	
	4715	2 Female	
	120	8 Blank but applicable	
1358 HFHFIPCR		Code for birthplace of family reference person	See note
	10246	1 50 United States	
	2362	2 Mexico	
	1126	3 Other	
	200	8 Blank but applicable	
	10	9 Don't know	
1359-1360 HFHEDUCR		Highest grade family reference person completed	See note

300	00	Never attended or kindergarten only
13395	01-17	
172	88	Blank but applicable
77	99	Don't know

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)  
-----

DATA FOR FAMILY REFERENCE PERSON  
-----

Positions SAS name	Counts	Item description and code	Notes
1361 HFHEMPL		During past 2 weeks did family reference person work at any time at a job or business, not counting work around the house; or, even though family reference person did not work during those 2 weeks, did family reference person have a job or business?	See note
	9961	1 Yes	
	3366	2 No	
	617	8 Blank but applicable	
1362-1363 HFHMRST		Marital status of family reference person	
	9069	01 Married - spouse in household	
	235	02 Married - spouse not in household	
	694	03 Living as married	
	397	04 Widowed	
	1015	05 Divorced	
	900	06 Separated	
	1533	07 Never married	
	15	55 Under 14 years	
	81	88 Blank but applicable	
	5	99 Don't know	
1364 HFHMLSV		Military service of family reference person	
	1894	1 Yes, ever served in armed forces	
	11833	2 No, never served in armed forces	
	23	3 Under 17 years	
	187	8 Blank but applicable	
	7	9 Don't know	



Including demographic, family, and survey weighting data

HOUSEHOLD FAMILY QUESTIONNAIRE (HFQ)			
DATA FOR RESPONDENT TO FAMILY QUESTIONNAIRE			
Positions SAS name	Counts	Item description and code	Notes
1365-1366 HFRELRL		Relationship of respondent to family reference person	See note
	12	01 Family reference person living alone	
	4	02 Unrelated individual	
	7647	03 Family reference person living with other family members	
	4614	04 Wife (husband non-military)	
	70	05 Wife (husband in military)	
	176	06 Husband (wife non-military)	
	529	08 Child or spouse of child	
	38	09 Grandchild or spouse of grandchild	
	53	10 Parent or spouse of parent	
	198	11 Other relative (i.e. in-law)	
	603	88 Blank but applicable	
1367-1369 HFAGERR		Age in years of respondent to HFQ	See note
	13274	017-086	
	2	090 90+	
	668	888 Blank but applicable	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
General Information			
Positions SAS name	Counts	Item description and code	Notes
1370-1373 HYINTVR		Interviewer number	
	13776	5006-7607	
	168	8888 Blank but applicable	
1374 HYLANG		Language of interview for household youth questionnaire	See note
	11555	1 English	
	2301	2 Spanish	
	48	3 Other	
	40	8 Blank but applicable	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION A. BIRTH  
-----

Positions SAS name	Counts	Item description and code	Notes
	1375	CHECK ITEM. REFER TO AGE OF SP	
HYA1	2216	1 12+ years (HYD1)	
	11728	2 Under 12 years	
	1376-1378	How old (was --'s biological mother/ were you) when -- was born? (years)	
HYA2	11615	011-049	
	31	888 Blank but applicable	
	82	999 Don't know	
	2216	Blank	
	1379	Did (--'s mother/you) smoke at any time while (she was/you were) pregnant with --?	
HYA3	2308	1 Yes	
	9311	2 No (HYA6)	
	11	8 Blank but applicable	
	98	9 Don't know (HYA6)	
	2216	Blank	
	1380	At any time during the pregnancy did (--'s mother/you) quit or refrain from smoking for the rest of the pregnancy?	
HYA4	676	1 Yes	
	1609	2 No (HYA6)	
	14	8 Blank but applicable	
	20	9 Don't know (HYA6)	
	11625	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION A. BIRTH  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
1381-1382		About what month of the pregnancy did	
HYA5		(--'s mother/you) stop smoking?	
		USE ROUNDING RULE IF NECESSARY.	
	67	01 First month	
	133	02 Second month	
	138	03 Third month	
	87	04 Fourth month	
	66	05 Fifth month	
	75	06 Sixth month	
	58	07 Seventh month	
	16	08 Eighth month	
	22	09 Ninth month	
	16	88 Blank but applicable	
	12	99 Don't know	
	13254	Blank	
1383		Did -- receive any newborn care in an	
HYA6		intensive care unit, premature nursery,	
		or any other type of special care	
		facility?	
	1312	1 Yes	
	10382	2 No	
	2	8 Blank but applicable	
	32	9 Don't know	
	2216	Blank	
1384-1386		How many days of post-natal care?	
HYA6A	1295	001-270	
	6	888 Blank but applicable	
	13	999 Don't know	
	12630	Blank	
1387-1394		How much did -- weigh at birth? (grams)	See note
HYA7S	11026	0396.886-5896.592	
	238	88888888 Blank but applicable	
	464	99999999 Don't know	
	2216	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION A. BIRTH  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			

	1395		Did -- weigh more than 5-1/2 pounds (2500 grams) or less?	
HYA8		260	1	More than 5-1/2 lbs (2500g) (HYA9)
		44	2	Less than 5-1/2 (2500g) (HYB1)
		291	8	Blank but applicable
		107	9	Don't know (HYB1)
	13242			Blank
	1396		Did -- weigh more than 9 pounds (4100 grams) or less?	
HYA9		14	1	More than 9 lb (4100g)
		240	2	Less than 9 lb (4100g)
		291	8	Blank but applicable
		6	9	Don't know
	13393			Blank
	1397		Birth weight categories. (recode)	See note
HYA9R		954	1	Less than 2500g
		9534	2	2500g - 4100g
		836	3	Greater than 4100g
		291	8	Blank but applicable
		113	9	Don't know
	2216			Blank

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION B. INFANT FEEDING PRACTICES/DIET  
-----

Positions		Item description		
SAS name	Counts	and code		Notes
	1398	CHECK ITEM. REFER TO AGE OF SP.		
HYB1	3467	1	6+ years (HYB13)	
	8261	2	Under 6 years	
	2216		Blank	
	1399	Was -- ever breast-fed or fed breast milk?		
HYB2	3878	1	Yes	
	4370	2	No (HYB6)	
	13	9	Don't know	
	5683		Blank	
	1400-1403	How old was -- when -- was first fed something other than breast milk or water? (days) (Phase 2)		See note
HYB3S		0000	Never (HYB11)	
	27			
	1817	0001-0730		

	5	9999 Don't know	
	12095	Blank	
1404-1407 HYB4S		How old was -- when -- was first fed formula on a daily basis? (days)	See note
	605	0000 Never	
	3221	0001-0821	
	15	8888 Blank but applicable	
	10	9999 Don't know	
	10093	Blank	
1408-1411 HYB5S		How old was -- when -- completely stopped breast feeding or being fed breast milk? (days)	See note
	354	0000 Still breast feeding (HYB7)	
	3479	0001-1277 (HYB7)	
	7	8888 Blank but applicable	
	11	9999 Don't know	
	10093	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION B. INFANT FEEDING PRACTICES/DIET  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
1412-1415 HYB6S		How old was -- when -- was first fed formula on a daily basis? (days)	See note
	43	0000 Never on a daily basis (HYB8)	
	4209	0001-0395	
	110	8888 Blank but applicable	
	21	9999 Don't know	
	9561	Blank	
1416-1419 HYB7S		How old was -- when -- completely stopped drinking formula? (days)	See note
		IF "NEVER" IN HYB4S, THEN SKIP TO HYB8	
	1681	0000 Still drinking formula	
	5839	0001-1459	
	20	8888 Blank but applicable	
	46	9999 Don't know	
	6358	Blank	
1420-1423 HYB8S		How old was -- when -- was first fed milk on a daily basis? (days)	See note
	1859	0000 Never on a daily basis (HYB10)	
	6323	0001-1490	

13	8888	Blank but applicable
39	9999	Don't know
5710		Blank

1424-1425                      What type of milk was -- first fed on  
HYB9                              a daily basis?

4883	01	Regular whole milk
1245	02	Low-fat milk (1% or 2%)
95	03	Skim milk (1/2% or nonfat)
11	04	Nonfat dry milk (reconstituted)
41	05	Evaporated milk
12	06	Goat's milk
16	07	Other
7	09	Acidophilus milk
10	10	Soy milk
9	11	Misc cows milk
23	88	Blank but applicable
23	99	Don't know
7569		Blank

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION B. INFANT FEEDING PRACTICES/DIET  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
1426-1429		How old was -- when -- started eating	See note
HYB10S		solid foods (such as strained foods or any other non-liquid foods) on a daily basis? (days)	
	429	0000 Never on a daily basis	
	7737	0001-1459	
	23	8888 Blank but applicable	
	45	9999 Don't know	
	5710	Blank	
1430		Has -- ever used a baby bottle?	
HYB11	7971	1 Yes	
	286	2 No (HYB13)	
	4	9 Don't know (HYB13)	
	5683	Blank	
1431-1434		How old was -- when -- stopped	See note
HYB12S		using a baby bottle? (months)	
	3431	0000 Never stopped	
	4511	0001-0360	
	7	8888 Blank but applicable	
	22	9999 Don't know	

	5973	Blank
1435		CHECK ITEM. REFER TO AGE OF SP.
HYB13	2105	1 Under 1 year (HYB16)
	9623	2 1 - 11 years
	2216	Blank
1436-1437		How often does -- eat breakfast:
HYB14		every day, on some days, rarely, never,
		or on weekends only?
	21	00 Never
	8440	01 Every day
	974	02 Some days
	103	03 Rarely
	67	05 Weekends only
	18	88 Blank but applicable
	4321	Blank

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION B. INFANT FEEDING PRACTICES/DIET  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
	1438	During the past 12 months, has --	
HYB15		changed -- eating habits to try to lose	
		weight?	
	258	1 Yes	
	9344	2 No	
	20	8 Blank but applicable	
	1	9 Don't know	
	4321	Blank	
	1439	During the past 12 months, has --	
HYB16		changed what -- eats for any medical	
		reason or health condition?	
	659	1 Yes	
	11066	2 No (HYB18)	
	3	8 Blank but applicable	
	2216	Blank	

NHANES III Household Youth Data File  
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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION B. INFANT FEEDING PRACTICES/DIET

Positions		Item description	
SAS name	Counts	and code	Notes
		What was the medical reason or health condition that caused -- to change what -- eats?	
	1440	Overweight/Obesity	
HYB17A	32	1 Yes	
	622	2 No	
	8	8 Blank but applicable	
	13282	Blank	
	1441	High Blood Pressure/Hypertension	
HYB17B	1	1 Yes	
	653	2 No	
	8	8 Blank but applicable	
	13282	Blank	
	1442	High Blood Cholesterol	
HYB17C	18	1 Yes	
	636	2 No	
	8	8 Blank but applicable	
	13282	Blank	
	1443	Allergy	
HYB17D	197	1 Yes	
	457	2 No	
	8	8 Blank but applicable	
	13282	Blank	
	1444	Diabetes	
HYB17E	4	1 Yes	
	650	2 No	
	8	8 Blank but applicable	
	13282	Blank	
	1445	Other	
HYB17F	99	1 Yes	
	555	2 No	
	8	8 Blank but applicable	
	13282	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)



SECTION B. INFANT FEEDING PRACTICES/DIET

Positions		Item description	
SAS name	Counts	and code	Notes
	1446	Formula-related reason	
HYB17I	48	1 Yes	
	606	2 No	
	8	8 Blank but applicable	
	13282	Blank	
	1447	Gastro-intestinal Problems	
HYB17J	145	1 Yes	
	509	2 No	
	8	8 Blank but applicable	
	13282	Blank	
	1448	Due to infections	
HYB17K	72	1 Yes	
	582	2 No	
	8	8 Blank but applicable	
	13282	Blank	
	1449	Nutrition/Anemia	
HYB17L	59	1 Yes	
	595	2 No	
	8	8 Blank but applicable	
	13282	Blank	
1450-1452		How (tall/long) is -- without shoes?	See note
HYB18S		(inches)	
	5899	012-078	
	66	888 Blank but applicable	
	5763	999 Don't know	
	2216	Blank	
1453-1455		How much does -- weigh without clothes	See note
HYB19S		or shoes? (pounds)	
	9186	005-190	
	36	888 Blank but applicable	
	2506	999 Don't know	
	2216	Blank	

NHANES III Household Youth Data File  
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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION B. INFANT FEEDING PRACTICES/DIET

Positions		Item description	
SAS name	Counts	and code	Notes

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      1456      Do you consider -- to be overweight,
HYB20      underweight, or about the right weight?
           1098      1      Overweight
           1228      2      Underweight
           9382      3      About the right weight
              18      8      Blank but applicable
              2      9      Don't know
           2216      Blank

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NHANES III Household Youth Data File  
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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION C. MOTOR AND SOCIAL DEVELOPMENT  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
	1457	CHECK ITEM. REFER TO AGE OF SP.	See note
HYC1	5745	1 4 + years (HYD1)	
	5983	2 Under 4 years	
	2216	Blank	
		Now I would like to ask a few questions about various things children do at different ages.	
	1458	CHECK ITEM. RECORD AGE IN MONTHS AS OF	See note
HYC2		HYQ (TODAY'S) INTERVIEW. THEN MARK CORRECT BOX AND ASK THE 15 QUESTIONS INDICATED FOR THAT AGE.	
	434	1 0-3 months old (HYC3-HYC17)	
	620	2 4-6 months old (HYC10-HYC24)	
	620	3 7-9 months old (HYC14-HYC28)	
	522	4 10-12 months old (HYC20-HYC34)	
	322	5 13-15 months old (HYC24-HYC38)	
	352	6 16-18 months old (HYC28-HYC42)	
	316	7 19-21 months old (HYC31-HYC45)	
	2797	8 22 months-3 years 11 months (HYC35-HYC50)	
	7961	Blank	
	1459	When lying on (his/her) stomach, did -- ever lift (his/her) head off the surface for a moment?	
HYC3	410	1 Yes	
	6	2 No	
	18	8 Blank but applicable	

13510 Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION C. MOTOR AND SOCIAL DEVELOPMENT

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
HYC4	1460	When lying on (his/her) stomach, has	
		-- ever turned (his/her) head from	
		side to side?	
	406	1 Yes	
	9	2 No	
	18	8 Blank but applicable	
HYC5	1	9 Don't know	
	13510	Blank	
	1461	Have --'s eyes ever followed a moving	
		object?	
	411	1 Yes	
	3	2 No	
HYC6	18	8 Blank but applicable	
	2	9 Don't know	
	13510	Blank	
	1462	Have --'s eyes ever followed a moving	
		object all the way from one side to	
		the other?	
HYC7	385	1 Yes	
	25	2 No	
	18	8 Blank but applicable	
	6	9 Don't know	
	13510	Blank	
	1463	When lying on (his/her) stomach, has	
HYC7		-- ever raised (his/her) head and	
		chest from the surface while resting	
		(his/her) weight on (his/her) lower arms	
		or hands?	
	299	1 Yes	
	114	2 No	
HYC7	18	8 Blank but applicable	
	3	9 Don't know	
	13510	Blank	

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-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION C. MOTOR AND SOCIAL DEVELOPMENT  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
	1464	Has -- ever turned (his/her) head around to look at something?	
HYC8			
	383	1 Yes	
	31	2 No	
	18	8 Blank but applicable	
	2	9 Don't know	
	13510	Blank	
	1465	While lying on (his/her) back and being pulled up to a sitting position, did -- ever hold (his/her) head stiffly so that it did not bend back as (he/she) was pulled up?	
HYC9			
	299	1 Yes	
	111	2 No	
	18	8 Blank but applicable	
	6	9 Don't know	
	13510	Blank	
	1466	Has -- ever laughed out loud without being tickled or touched?	
HYC10			
	912	1 Yes	
	123	2 No	
	17	8 Blank but applicable	
	2	9 Don't know	
	12890	Blank	
	1467	Has -- ever held in one hand a moderate size object such as a block or a rattle?	
HYC11			
	890	1 Yes	
	147	2 No	
	17	8 Blank but applicable	
	12890	Blank	

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-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION C. MOTOR AND SOCIAL DEVELOPMENT  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HYC12	1468	Has -- ever rolled over on (his/her) own on purpose?	
	763	1 Yes	
	270	2 No	
	17	8 Blank but applicable	
	4	9 Don't know	
	12890	Blank	
HYC13	1469	Has -- ever looked around with (his/her) eyes for a toy which was lost or not nearby?	
	647	1 Yes	
	363	2 No	
	18	8 Blank but applicable	
	26	9 Don't know	
	12890	Blank	
HYC14	1470	Has -- ever smiled at someone when that person talked to or smiled at but did not touch (him/her)?	
	1633	1 Yes	
	22	2 No	
	18	8 Blank but applicable	
	1	9 Don't know	
	12270	Blank	
HYC15	1471	Has -- ever seemed to enjoy looking in the mirror at (himself/herself)?	
	1430	1 Yes	
	177	2 No	
	17	8 Blank but applicable	
	50	9 Don't know	
	12270	Blank	

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-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION C. MOTOR AND SOCIAL DEVELOPMENT  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HYC16	1472	Has -- ever picked up small objects such as raisins or cookie crumbs, using only (his/her) thumb and first finger?	
	738	1 Yes	

	880	2	No
	17	8	Blank but applicable
	39	9	Don't know
	12270		Blank
HYC17	1473		Has -- ever sat alone with no help except for leaning forward on (his/her) hands or with just a little help from someone else?
	1007	1	Yes
	649	2	No
	16	8	Blank but applicable
	2	9	Don't know
	12270		Blank
HYC18	1474		Has -- ever said any recognizable words such as "mama" or "dada"?
	656	1	Yes
	559	2	No
	23	8	Blank but applicable
	2	9	Don't know
	12704		Blank
HYC19	1475		Has -- ever shown by (his/her) behavior that (he/she) knows the names of common objects when somebody else names them out loud?
	553	1	Yes
	646	2	No
	23	8	Blank but applicable
	18	9	Don't know
	12704		Blank

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-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION C. MOTOR AND SOCIAL DEVELOPMENT  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
HYC20	1476	Has -- ever walked at least 2 steps with one hand held or holding on to something?	
	886	1	Yes
	839	2	No
	36	8	Blank but applicable
	1	9	Don't know
	12182		Blank

	1477		Has -- ever sat for 10 minutes without any support at all?
HYC21		1157	1 Yes
		568	2 No
		36	8 Blank but applicable
		1	9 Don't know
	12182		Blank
	1478		Has -- ever crawled when left lying on (his/her) stomach?
HYC22		1172	1 Yes
		551	2 No
		36	8 Blank but applicable
		3	9 Don't know
	12182		Blank
	1479		Has -- ever been pulled from a sitting position to a standing position and supported (his/her) own weight with legs stretched out?
HYC23		1282	1 Yes
		442	2 No
		37	8 Blank but applicable
		1	9 Don't know
	12182		Blank

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-----  
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION C. MOTOR AND SOCIAL DEVELOPMENT  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
	1480		Has -- ever waved good-bye without help from another person?
HYC24		1088	1 Yes
		956	2 No
		36	8 Blank but applicable
		4	9 Don't know
	11860		Blank
	1481		Has -- ever pulled (himself/herself) to a standing position without help from another person?
HYC25		1196	1 Yes
		235	2 No
		33	8 Blank but applicable
	12480		Blank

HYC26	1482	Has -- ever stood alone on (his/her) feet for 10 seconds or more without holding on to anything or another person?	
	904	1	Yes
	527	2	No
	33	8	Blank but applicable
	12480	Blank	
HYC27	1483	Has -- ever walked at least 2 steps without holding on to anything or another person?	
	730	1	Yes
	700	2	No
	34	8	Blank but applicable
	12480	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION C. MOTOR AND SOCIAL DEVELOPMENT  
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Positions		Item description	
SAS name	Counts	and code	Notes
HYC28	1484	Has -- ever shown that (he/she) wanted something by pointing, pulling, or making pleasant sounds rather than crying or whining?	
	1525	1	Yes
	248	2	No
	38	8	Blank but applicable
	5	9	Don't know
	12128	Blank	
HYC29	1485	Has -- ever said the name of a familiar object, such as ball?	
	751	1	Yes
	403	2	No
	39	8	Blank but applicable
	3	9	Don't know
	12748	Blank	
HYC30	1486	Has -- ever crawled up at least 2 steps?	
	976	1	Yes
	167	2	No
	39	8	Blank but applicable
	14	9	Don't know
	12748	Blank	



	1487		Has -- said 2 recognizable words besides "mama" or "dada"?
HYC31			
	1105	1	Yes
	359	2	No
	46	8	Blank but applicable
	2	9	Don't know
	12432		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION C. MOTOR AND SOCIAL DEVELOPMENT  
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Positions		Item description	
SAS name	Counts	and code	Notes
	1488	Has -- ever let someone know, without crying, that wearing wet (soiled) pants or diapers bothered (him/her)?	
HYC32			
	836	1	Yes
	624	2	No
	46	8	Blank but applicable
	6	9	Don't know
	12432		Blank
	1489	Did -- ever walk up at least 2 steps with one hand held or holding the rail?	
HYC33			
	1006	1	Yes
	447	2	No
	46	8	Blank but applicable
	13	9	Don't know
	12432		Blank
	1490	Has -- ever run?	
HYC34			
	984	1	Yes
	481	2	No
	47	8	Blank but applicable
	12432		Blank
	1491	Has -- ever made a line with a crayon or pencil?	
HYC35			
	3529	1	Yes
	234	2	No
	19	8	Blank but applicable
	5	9	Don't know
	10157		Blank
	1492	Has -- ever fed (himself/herself) with a spoon or fork without spilling much?	
HYC36			
	3457	1	Yes

312	2	No
18	8	Blank but applicable
10157		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION C. MOTOR AND SOCIAL DEVELOPMENT  
-----

Positions		Item description		
SAS name	Counts	and code		Notes
-----				
	1493	Has -- ever spoken a partial sentence of 3 words or more?		
HYC37	2995	1 Yes		
	768	2 No		
	21	8 Blank but applicable		
	3	9 Don't know		
	10157	Blank		
	1494	Has -- ever said (his/her) first and last name together without someone's help?		
HYC38				
		NICKNAME MAY BE USED FOR FIRST NAME.		
	1673	1 Yes		
	2085	2 No		
	19	8 Blank but applicable		
	10	9 Don't know		
	10157	Blank		
	1495	Has -- ever walked up stairs by (himself/herself) without holding on to a rail?		
HYC39				
	2625	1 Yes		
	787	2 No		
	21	8 Blank but applicable		
	32	9 Don't know		
	10479	Blank		
	1496	Has -- ever counted 3 objects correctly?		
HYC40				
	2326	1 Yes		
	1100	2 No		
	22	8 Blank but applicable		
	17	9 Don't know		
	10479	Blank		

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
SECTION C. MOTOR AND SOCIAL DEVELOPMENT			
Positions		Item description	
SAS name	Counts	and code	Notes
HYC41	1497	Has -- ever walked up stairs by (himself/herself) with no help, stepping on each step with only one foot?	
	2338	1 Yes	
	1058	2 No	
	25	8 Blank but applicable	
	44	9 Don't know	
	10479	Blank	
HYC42	1498	Does -- know his/her own age and sex?	
	1900	1 Yes	
	1500	2 No	
	21	8 Blank but applicable	
	44	9 Don't know	
	10479	Blank	
HYC43	1499	Has -- ever said the names of at least 4 colors?	
	1749	1 Yes	
	1324	2 No	
	28	8 Blank but applicable	
	12	9 Don't know	
	10831	Blank	
HYC44	1500	Has -- ever pedaled a tricycle at least 40 feet?	
	1848	1 Yes	
	1207	2 No	
	34	8 Blank but applicable	
	24	9 Don't know	
	10831	Blank	
HYC45	1501	Has -- ever done a somersault without help from anybody?	
	1963	1 Yes	
	1090	2 No	
	30	8 Blank but applicable	
	30	9 Don't know	
	10831	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

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SECTION C. MOTOR AND SOCIAL DEVELOPMENT

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Positions		Item description	
SAS name	Counts	and code	Notes
	1502	Has -- ever washed and dried (his/her) hands without any help except for turning the water on and off?	
HYC46	2492	1 Yes	
	284	2 No	
	19	8 Blank but applicable	
	2	9 Don't know	
	11147	Blank	
	1503	Has -- ever dressed (himself/herself) without any help except for tying shoes (and buttoning the backs of dresses)?	
HYC47	1927	1 Yes	
	849	2 No	
	19	8 Blank but applicable	
	2	9 Don't know	
	11147	Blank	
	1504	Has -- ever gone to the toilet alone?	
HYC48	2174	1 Yes	
	604	2 No	
	19	8 Blank but applicable	
	11147	Blank	
	1505	Has -- ever counted out loud up to 10?	
HYC49	1213	1 Yes	
	1563	2 No	
	19	8 Blank but applicable	
	2	9 Don't know	
	11147	Blank	
	1506	Has -- ever drawn a picture of a man or woman with at least 2 parts of the body besides a head?	
HYC50	529	1 Yes	
	2226	2 No	
	19	8 Blank but applicable	
	23	9 Don't know	
	11147	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION D. HEALTH SERVICES AND FUNCTIONAL IMPAIRMENT

Positions		Item description	
SAS name	Counts	and code	Notes
HYD1	1507	Would you say --'s health in general is excellent, very good, good, fair, or poor?	
	5430	1	Excellent
	3672	2	Very good
	3750	3	Good
	1000	4	Fair
	90	5	Poor
	1	8	Blank but applicable
	1	9	Don't know
HYD2	1508	Is there a particular clinic, health center, doctor's office, or other place that -- usually goes to if -- is sick, needs advice about health or for routine care?	
	12509	1	Yes
	1435	2	No (HYD4)
HYD3	1509	Is there one particular doctor or health professional that -- usually sees?	
	10098	1	Yes
	2409	2	No
	1	8	Blank but applicable
	1	9	Don't know
	1435	Blank	
HYD4	1510	About how long has it been since (--/you/anyone) last saw or talked to a medical doctor or other health professional about --? Include doctors seen while a patient in a hospital.	
	96	0	Never
	11433	1	Less than 1 year
	1584	2	1 year, less than 2 years
	627	3	2 years, less than 5 years
	176	4	5 years or more
	6	8	Blank but applicable
	22	9	Don't know

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

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SECTION D. HEALTH SERVICES AND FUNCTIONAL IMPAIRMENT

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Positions		Item description				Notes
SAS name	Counts	and code				
	1511-1512	Since -- was born, how many different				
HYD5		times has -- stayed in the hospital				
		overnight or longer? Do not include the				
		hospitalization when -- was born.				
	10921	00 None				
	2992	01-50				
	11	88 Blank but applicable				
	20	99 Don't know				
	1513	CHECK ITEM. REFER TO AGE OF SP.				
HYD6	6793	1 5 + years (HYD9)				
	7151	2 Under 5 years				
	1514	Is -- able to take part at all in any of				
HYD7		the usual kinds of activities done by				
		most (children/babies) --'s age?				
	7084	1 Yes				
	58	2 No (HYD10)				
	4	8 Blank but applicable				
	5	9 Don't know (HYD10)				
	6793	Blank				
	1515	Is -- limited in the kind or amount of				
HYD8		activities -- can do because of an				
		impairment or health problem?				
	69	1 Yes (HYD10)				
	7013	2 No (HYE1)				
	5	8 Blank but applicable				
	1	9 Don't know (HYE1)				
	6856	Blank				
	1516	Does any impairment or health problem				
HYD9		now keep -- from attending school?				
	64	1 Yes				
	6720	2 No (HYE1)				
	8	8 Blank but applicable				
	1	9 Don't know (HYE1)				
	7151	Blank				

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

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SECTION D. HEALTH SERVICES AND FUNCTIONAL IMPAIRMENT

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Positions SAS name	Counts	Item description and code	Notes
-----			
HYD10	1517	Does -- attend a special school or special classes because of any impairment or health problem?	
	63	1 Yes (HYD12)	
	115	2 No	
	31	8 Blank but applicable	
	13735	Blank	
HYD11	1518	Does -- need to attend a special school or special classes because of any impairment or health problem?	
	15	1 Yes	
	100	2 No	
	4	8 Blank but applicable	
	13825	Blank	
HYD12S	1519-1521	How long ago was the impairment or health problem first noticed? (months)	See note
	131	001-156	
	6	777 Less than 1 month	
	62	888 Blank but applicable	
	10	999 Don't know	
	13735	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION E. SELECTED CONDITIONS  
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Positions SAS name	Counts	Item description and code	Notes
-----			
HYE1A	1522	Did a doctor ever say that -- had rheumatic fever/rheumatic heart disease?	
		If "Yes" ask HYE2A - HYE4A before going to next condition.	
	28	1 Yes (HYE2A)	
	13913	2 No (HYE1B)	
	1	8 Blank but applicable	
	2	9 Don't know (HYE1B)	
HYE1B	1523	Did a doctor ever say that -- had epilepsy/fit/convulsion?	

			If "Yes" ask HYE2B - HYE4B before going to next condition.
	176	1	Yes (HYE2B)
	13765	2	No (HYE1C)
		1	Blank but applicable
		2	Don't know (HYE1C)
	1524		Did a doctor ever say that -- had cerebral palsy?
HYE1C			
	20	1	Yes (HYE1D)
	13919	2	No (HYE1D)
		3	Blank but applicable
		2	Don't know (HYE1D)
	1525		Did a doctor ever say that -- had mental retardation?
HYE1D			
	38	1	Yes (HYE1E)
	13902	2	No (HYE1E)
		4	Blank but applicable

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION E. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1526		Did a doctor ever say that -- had muscle weakness or paralysis of the arms?
HYE1E			
			If "Yes" ask HYE2E - HYE3E before going to next condition.
	51	1	Yes (HYE2E)
	13891	2	No (HYE1F)
		1	Blank but applicable
		1	Don't know (HYE1F)
	1527		Did a doctor ever say that -- had muscle weakness or paralysis of the legs?
HYE1F			
			If "Yes" ask HYE2F - HYE3F before going to next condition.
	84	1	Yes (HYE2F)
	13859	2	No (HYE1G)
		1	Blank but applicable



1528 Did a doctor ever say that -- had  
HYE1G asthma?

If "Yes" ask HYE2G - HYE4G before  
going to next condition.

1025	1	Yes (HYE2G)
12915	2	No (HYE1H)
4	9	Don't know (HYE1H)

1529 Did a doctor ever say that -- had  
HYE1H chronic bronchitis?

If "Yes" ask HYE2H - HYE4H before  
going to next condition.

607	1	Yes (HYE2H)
13335	2	No (HYE1I)
2	9	Don't know (HYE1I)

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION E. SELECTED CONDITIONS

Positions		Item description	
SAS name	Counts	and code	Notes
1530		Did a doctor ever say that -- had	
HYE1I		hayfever?	
		If "Yes" ask HYE2I - HYE4I before	
		going to next condition.	
	482	1 Yes (HYE2I)	
	13461	2 No (HYE5)	
	1	9 Don't know (HYE5)	
1531-1533		Age when -- first had	See note
HYE2AS		rheumatic fever/rheumatic heart	
		disease? (months)	
	24	001-132	
	2	777 Less than 1 month	
	2	888 Blank but applicable	
	1	999 Don't know	
	13915	Blank	
1534-1536		Age when -- first had	See note
HYE2BS		epilepsy/fit/convulsion? (months)	
	157	001-156	
	9	777 Less than 1 month	
	10	888 Blank but applicable	
	1	999 Don't know	

	13767	Blank	
1537-1539 HYE2ES		Age when -- first had muscle weakness or paralysis of the arms? (months)	See note
	33	001-156	
	8	777 Less than 1 month	
	10	888 Blank but applicable	
	1	999 Don't know	
	13892	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION E. SELECTED CONDITIONS  
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Positions SAS name	Counts	Item description and code	Notes
1540-1542 HYE2FS		Age when -- first had muscle weakness or paralysis of the legs? (months)	See note
	66	001-180	
	8	777 Less than 1 month	
	10	888 Blank but applicable	
	1	999 Don't know	
	13859	Blank	
1543-1545 HYE2GS		Age when -- first had asthma? (months)	See note
	954	001-192	
	33	777 Less than 1 month	
	33	888 Blank but applicable	
	5	999 Don't know	
	12919	Blank	
1546-1548 HYE2HS		Age when -- first had chronic bronchitis? (months)	See note
	571	001-180	
	11	777 Less than 1 month	
	20	888 Blank but applicable	
	5	999 Don't know	
	13337	Blank	
1549-1551 HYE2IS		Age when -- first had hayfever? (months)	See note
	455	001-180	
	5	777 Less than 1 month	
	19	888 Blank but applicable	
	3	999 Don't know	

13462      Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION E. SELECTED CONDITIONS

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
HYE3A	1552	Does -- still have	
		rheumatic fever/rheumatic heart	
		disease?	
	8	1 Yes	
	14	2 No	
	1	8 Blank but applicable	
HYE3B	6	9 Don't know	
	13915	Blank	
	1553	Does -- still have	
		epilepsy/fit/convulsion?	
	52	1 Yes	
	115	2 No	
HYE3E	1	8 Blank but applicable	
	9	9 Don't know	
	13767	Blank	
	1554	Does -- still have	
		muscle weakness or paralysis of	
		the arms?	
HYE3F	38	1 Yes	
	9	2 No	
	4	8 Blank but applicable	
	1	9 Don't know	
	13892	Blank	
	HYE3G	1555	Does -- still have
		muscle weakness or paralysis of	
		the legs?	
63		1 Yes	
17		2 No	
5		8 Blank but applicable	
HYE3G	13859	Blank	
	1556	Does -- still have asthma?	
	726	1 Yes	
	260	2 No	
	3	8 Blank but applicable	
	36	9 Don't know	
	12919	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION E. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
	1557	Does -- still have chronic bronchitis?	
HYE3H	327	1 Yes	
	258	2 No	
	2	8 Blank but applicable	
	20	9 Don't know	
	13337	Blank	
	1558	Does -- still have hayfever?	
HYE3I	448	1 Yes	
	26	2 No	
	1	8 Blank but applicable	
	7	9 Don't know	
	13462	Blank	
	1559	Has -- ever been treated by a doctor for rheumatic fever/rheumatic heart disease?	
HYE4A	22	1 Yes	
	4	2 No	
	2	8 Blank but applicable	
	1	9 Don't know	
	13915	Blank	
	1560	Has -- ever been treated by a doctor for epilepsy/fit/convulsion?	
HYE4B	166	1 Yes	
	9	2 No	
	2	8 Blank but applicable	
	13767	Blank	
	1561	Has -- ever been treated by a doctor for asthma?	
HYE4G	978	1 Yes	
	39	2 No	
	3	8 Blank but applicable	
	5	9 Don't know	
	12919	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION E. SELECTED CONDITIONS  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HYE4H	1562	Has -- ever been treated by a doctor for chronic bronchitis?	
	590	1 Yes	
	14	2 No	
	2	8 Blank but applicable	
	1	9 Don't know	
	13337	Blank	
HYE4I	1563	Has -- ever been treated by a doctor for hayfever?	
	400	1 Yes	
	79	2 No	
	2	8 Blank but applicable	
	1	9 Don't know	
	13462	Blank	
HYE5	1564	CHECK ITEM. REFER TO AGE OF SP.	
	5983	1 Under 4 years (HYE15)	
	7961	2 4+ years	
HYE6A	1565	Did a doctor ever say that -- had hypertension or high blood pressure?	
		If "Yes" ask HYE7A - HYE9A before going to next condition.	
	53	1 Yes (HYE7A)	
	7903	2 No (HYE6B)	
	3	8 Blank but applicable	
	2	9 Don't know (HYE6B)	
	5983	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION E. SELECTED CONDITIONS  
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Positions SAS name	Counts	Item description and code	Notes
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-----			
1566		Did a doctor ever say that -- had	
HYE6B		high blood cholesterol?	
		If "Yes" ask HYE7B - HYE9B before	
		going to next condition.	
	53	1 Yes (HYE7B)	
	7897	2 No (HYE10)	
	4	8 Blank but applicable	
	7	9 Don't know (HYE10)	
	5983	Blank	
1567-1569		How old was -- when -- first had	See note
HYE7AS		hypertension or high blood pressure?	
		(months)	
	48	001-180	
	1	777 Less than 1 month	
	7	888 Blank but applicable	
	13888	Blank	
1570-1572		How old was -- when -- first had	See note
HYE7BS		high blood cholesterol? (months)	
	47	011-180	
	10	888 Blank but applicable	
	13887	Blank	
1573		Does -- still have	
HYE8A		hypertension or high blood pressure?	
	23	1 Yes	
	21	2 No	
	3	8 Blank but applicable	
	9	9 Don't know	
	13888	Blank	
1574		Does -- still have	
HYE8B		high blood cholesterol?	
	19	1 Yes	
	15	2 No	
	4	8 Blank but applicable	
	19	9 Don't know	
	13887	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
-----			
SECTION E. SELECTED CONDITIONS			
-----			
Positions		Item description	
SAS name	Counts	and code	Notes
-----			

HYE9A	1575		Has -- ever been treated by a doctor for hypertension or high blood pressure?
	33	1	Yes
	20	2	No
	3	8	Blank but applicable
	13888		Blank
HYE9B	1576		Has -- ever been treated by a doctor for high blood cholesterol?
	27	1	Yes
	25	2	No
	4	8	Blank but applicable
	1	9	Don't know
	13887		Blank
HYE10	1577		Has -- ever seen a psychiatrist, psychologist, or psychoanalyst about any emotional, mental, or behavioral problems?
	613	1	Yes
	7327	2	No
	20	8	Blank but applicable
	1	9	Don't know
	5983		Blank
HYE11	1578		During the past 12 months, has -- taken any prescribed medicines or drugs to help control activity or behavior?
	120	1	Yes
	7823	2	No
	18	8	Blank but applicable
	5983		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION E. SELECTED CONDITIONS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
HYE12	1579	During the past 12 months, how often did -- complain of headaches? Would you say never, rarely, sometimes, frequently, or always?	
	3068	0	Never
	2513	2	Rarely
	1836	3	Sometimes

	469	4	Frequently
	55	5	Always
	17	8	Blank but applicable
	3	9	Don't know
	5983		Blank
HYE13	1580		During the past 12 months, how often did -- complain of stomach aches? Would you say never, rarely, sometimes, frequently, or always?
			DO NOT INCLUDE MENSTRUAL CRAMPS.
	2622	0	Never
	2868	2	Rarely
	2013	3	Sometimes
	383	4	Frequently
	56	5	Always
	17	8	Blank but applicable
	2	9	Don't know
	5983		Blank
HYE14	1581		Does -- have any speech defect, such as stuttering, stammering, or lisping?
	617	1	Yes
	7322	2	No
	19	8	Blank but applicable
	3	9	Don't know
	5983		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION E. SELECTED CONDITIONS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
HYE15	1582	Has -- ever had anemia, sometimes called "tired blood" or "low blood?"	
	1230	1 Yes	
	12641	2 No	
	3	8 Blank but applicable	
	70	9 Don't know	
HYE16	1583	Has -- ever been tested for lead poisoning?	
	1267	1 Yes	
	12355	2 No (HYE21)	
	4	8 Blank but applicable	
	318	9 Don't know (HYE21)	



1584-1586		How long ago was -- tested? (months)	See note
HYE17S	1177	001-180	
	62	777 Less than 1 month	
	14	888 Blank but applicable	
	18	999 Don't know	
	12673	Blank	
1587		Did the results indicate that -- had high lead or lead poisoning?	
HYE18	75	1 Yes	
	1157	2 No	
	5	8 Blank but applicable	
	34	9 Don't know	
	12673	Blank	
1588		Has -- ever been treated in a hospital for lead poisoning?	
HYE19	26	1 Yes	
	699	2 No (HYE21)	
	544	8 Blank but applicable	
	2	9 Don't know (HYE21)	
	12673	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION E. SELECTED CONDITIONS  
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Positions		Item description	
SAS name	Counts	and code	Notes
1589-1591		How long ago was -- treated? (months)	See note
HYE20S	25	001-132	
	545	888 Blank but applicable	
	13374	Blank	
1592		Now I will ask about some immunizations that -- may have received. It may be easier to recall this information if you have a record of --'s shots. Do you have a shot record for -- that I can see?	
HYE21	5930	1 Shot record available	
	8005	2 Shot record not available	
	9	8 Blank but applicable	
1593		Has -- ever received a DPT or tetanus shot? A DPT shot is to prevent diphtheria, tetanus, and pertussis or	
HYE22			

		whooping cough.	
	13328	1	Yes
	284	2	No (HYE24)
	157	8	Blank but applicable
	175	9	Don't know (HYE24)
1594-1596		How long ago was --'s last DPT or	See note
HYE23S		tetanus shot? (months)	
	12525	001-192	
	156	777	Less than 1 month
	216	888	Blank but applicable
	588	999	Don't know
	459	Blank	
1597		During the past 12 months, did -- have	
HYE24		an accident, injury or poisoning,	
		excluding lead poisoning, that	
		required medical attention?	
	1227	1	Yes
	12714	2	No
	1	8	Blank but applicable
	2	9	Don't know

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION E. SELECTED CONDITIONS  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
1598-1599		During the past 12 months, how many	
HYE24A		times did -- have an accident,	
		injury or poisoning, excluding lead	
		poisoning, that required medical	
		attention?	
	1066	01	
	114	02	
	31	03	
	6	04	
	1	05	
	2	06	
	1	12	
	6	88	Blank but applicable
	1	99	Don't know
	12716	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
SECTION F. DENTAL CARE AND STATUS			
Positions		Item description	
SAS name	Counts	and code	Notes
	1600	CHECK ITEM. REFER TO AGE OF SP.	
HYF1	3444	1 Under 2 years (HYG1)	
	10500	2 2+ years	
	1601	How would you describe the condition of	
HYF2		--'s natural teeth: excellent, very	
		good, good, fair or poor?	
	2768	1 Excellent	
	2207	2 Very good	
	3290	3 Good	
	1594	4 Fair	
	617	5 Poor	
	3	6 Has no natural teeth	
	21	8 Blank but applicable	
	3444	Blank	
		What type of dental care does -- need	
		now?	
	1602	Teeth filled or replaced (for example,	
HYF3A		fillings, crowns and/or bridges)	
	1838	1 Yes	
	7484	2 No	
	830	8 Blank but applicable	
	348	9 Don't know	
	3444	Blank	
	1603	Teeth pulled	
HYF3B	349	1 Yes	
	8972	2 No	
	830	8 Blank but applicable	
	349	9 Don't know	
	3444	Blank	
	1604	Gum treatment	
HYF3C	102	1 Yes	
	9220	2 No	
	830	8 Blank but applicable	
	348	9 Don't know	
	3444	Blank	

Including demographic, family, and survey weighting data

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

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SECTION F. DENTAL CARE AND STATUS

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Positions SAS name	Counts	Item description and code	Notes
	1605	Denture work	
HYF3D	47	1 Yes	
	9274	2 No	
	830	8 Blank but applicable	
	349	9 Don't know	
	3444	Blank	
	1606	Relief of pain	
HYF3E	65	1 Yes	
	9257	2 No	
	830	8 Blank but applicable	
	348	9 Don't know	
	3444	Blank	
	1607	Work to improve appearance (for example, braces or bonding)	
HYF3F	1055	1 Yes	
	8267	2 No	
	830	8 Blank but applicable	
	348	9 Don't know	
	3444	Blank	
	1608	Other	
HYF3G	35	1 Yes	
	9287	2 No	
	830	8 Blank but applicable	
	348	9 Don't know	
	3444	Blank	
	1609	Nothing	
HYF3I	5506	1 Yes	
	3816	2 No	
	830	8 Blank but applicable	
	348	9 Don't know	
	3444	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

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SECTION F. DENTAL CARE AND STATUS

Positions SAS name	Counts	Item description and code	Notes
	1610	Cleaning	
HYF3K	1458	1 Yes	
	7864	2 No	
	830	8 Blank but applicable	
	348	9 Don't know	
	3444	Blank	
	1611	Checkup	
HYF3L	631	1 Yes	
	4247	2 No	
	120	8 Blank but applicable	
	8	9 Don't know	
	8938	Blank	
1612-1616 HYF4S		How long ago was --'s last visit to a dentist or dental hygienist? (days)	See note
	3596	00000 Never	
	6797	00001-04380	
	63	88888 Blank but applicable	
	44	99999 Don't know	
	3444	Blank	
1617 HYF5		How often does -- go to the dentist or dental hygienist?	
		MARK FIRST APPLICABLE BOX	
	4385	1 At least once a year	
	122	2 Every 2 years	
	69	3 Less often than every 2 years	
	2193	4 Whenever needed - no regular schedule	
	76	5 Other	
	23	8 Blank but applicable	
	36	9 Don't know	
	7040	Blank	
1618 HYF6		CHECK ITEM. REFER TO AGE OF SP.	
	5964	1 Under 8 years (HYG1)	
	4536	2 8+ years	
	3444	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION F. DENTAL CARE AND STATUS

Positions SAS name	Counts	Item description and code	Notes
-----			
HYF7	1619	Has -- ever received orthodontic treatment such as wearing braces, bands, or removable appliances to straighten -- teeth?	
	460	1 Yes	
	4055	2 No (HYF9)	
	21	8 Blank but applicable	
	9408	Blank	
HYF8	1620-1621	How old was -- when -- started -- most recent orthodontic treatment? (years)	
	458	02-16	
	21	88 Blank but applicable	
	2	99 Don't know	
	13463	Blank	
HYF9	1622	Has -- had "cold sores" or "fever blisters" on -- lips in the past 12 months?	
	523	1 Yes	
	3982	2 No	
	23	8 Blank but applicable	
	8	9 Don't know	
	9408	Blank	
HYF10	1623	Has -- had "canker sores" or other ulcers or sores inside -- mouth in the past 12 months?	
	558	1 Yes	
	3941	2 No	
	25	8 Blank but applicable	
	12	9 Don't know	
	9408	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION G. RESPIRATORY AND ALLERGY  
-----

Positions SAS name	Counts	Item description and code	Notes
-----			
HYG1	1624	CHECK ITEM. REFER TO AGE OF SP.	
	11728	1 Under 12 years (HYG6)	
	2216	2 12+ years	

HYG2	1625	Does -- usually cough on most days for 3 consecutive months or more during the year?
	91	1 Yes
	2116	2 No (HYG4)
	9	8 Blank but applicable
	11728	Blank
HYG3	1626-1627	For how many years has -- had this cough?
	78	01-16
	11	77 Less than 1 year
	10	88 Blank but applicable
	1	99 Don't know
	13844	Blank
HYG4	1628	Does -- bring up phlegm on most days for 3 consecutive months or more during the year?
	59	1 Yes
	2148	2 No (HYG8)
	9	8 Blank but applicable
	11728	Blank
HYG5	1629-1630	For how many years has -- had trouble with phlegm?
	44	01-15 (HYG8)
	9	77 Less than 1 year
	15	88 Blank but applicable
	13876	Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION G. RESPIRATORY AND ALLERGY  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
HYG6	1631	Has -- had problems with coughing in the past 12 months?	
	3674	1 Yes	
	8061	2 No (HYG8)	
	16	8 Blank but applicable	
	1	9 Don't know (HYG8)	
	2192	Blank	
HYG7	1632-1634	How many episodes of cough has -- had in the past 12 months?	
	3362	001-120	

	294	555	Constantly, continuously
	16	888	Blank but applicable
	18	999	Don't know
	10254		Blank
1635			Has -- had wheezing or whistling in
HYG8			--'s chest at any time in the past 12
			months?
	2920	1	Yes
	11022	2	No (HYG12)
	2	9	Don't know (HYG12)
1636-1638			How many episodes of wheezing or
HYG9			whistling has -- had in the past 12
			months?
	2632		001-120
	262	555	Constantly, continuously
	10	888	Blank but applicable
	16	999	Don't know
	11024		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION G. RESPIRATORY AND ALLERGY  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
1639-1640		How many times in the past 12 months	
HYG10		was -- hospitalized overnight or longer	
		for these episodes of wheezing or	
		whistling?	
	2681	00	None
	157	01	
	49	02	
	14	03	
	4	04	
	3	05	
	1	06	
	1	10	
	1	24	
	8	88	Blank but applicable
	1	99	Don't know
	11024		Blank
1641-1642		During the past 12 months, how many	
HYG11		times has -- gone to a hospital	
		emergency room or doctor's office for	
		one of these episodes of wheezing or	



		whistling?
	1236	00 None
	1680	01-60
	3	88 Blank but applicable
	1	99 Don't know
	11024	Blank
HYG12	1643	Apart from when -- has a cold, does --'s chest ever sound wheezy or whistling?
	1208	1 Yes
	12727	2 No
	4	8 Blank but applicable
	5	9 Don't know

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION G. RESPIRATORY AND ALLERGY  
-----

Positions		Item description		
SAS name	Counts	and code		Notes
				During the past 12 months, has -- had any episodes of ...
HYG13A	1644	Stuffy, itchy, or runny nose?		
	7752	1 Yes		
	6182	2 No		
	10	8 Blank but applicable		
HYG13B	1645	Watery, itchy eyes?		
	4202	1 Yes		
	9725	2 No		
	13	8 Blank but applicable		
	4	9 Don't know		
HYG14	1646-1648	IF NO IN BOTH HYG13A and B, CODE NONE.		
		During the past 12 months, how many episodes of stuffy, itchy, or runny nose, or watery, itchy eyes, has -- had?		
	5884	000 None		
	7364	001-200		
	616	555 Continuously		
	39	888 Blank but applicable		
	41	999 Don't know		
	1649	CHECK ITEM. REFER TO HYG8, HYG12		

HYG15		AND HYG13.
	8675	1 Yes in at least one HYG8, HYG12, HYG13A-B (HYG16)
	5269	2 No in all of HYG8, HYG12, HYG13A-B (HYG18)

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION G. RESPIRATORY AND ALLERGY  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
		Are any of the symptoms we have just talked about brought on by ...	
		IF NECESSARY STATE SYMPTOMS: "Wheezing, whistling, stuffy, itchy, or runny nose, watery, itchy eyes."	
	1650	Exercise or cold air?	
HYG16A	4211	1 Yes	
	4017	2 No	
	204	8 Blank but applicable	
	243	9 Don't know	
	5269	Blank	
	1651	Animals?	
HYG16B	474	1 Yes	
	7705	2 No	
	204	8 Blank but applicable	
	292	9 Don't know	
	5269	Blank	
	1652	House dust?	
HYG16C	1058	1 Yes	
	6964	2 No	
	205	8 Blank but applicable	
	448	9 Don't know	
	5269	Blank	
	1653	Pollen?	
HYG16D	1785	1 Yes	
	6175	2 No (HYG18)	
	209	8 Blank but applicable	
	506	9 Don't know (HYG18)	
	5269	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION G. RESPIRATORY AND ALLERGY  
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Positions		Item description	
SAS name	Counts	and code	Notes
		During which months of the year does pollen make --'s symptoms worse?	
		CIRCLE ALL THAT APPLY.	
	1654	All months	
HYG17A	62	1 Yes	
	1695	2 No	
	224	8 Blank but applicable	
	13	9 Don't know	
	11950	Blank	
	1655	January	
HYG17B	178	1 Yes	
	1517	2 No	
	224	8 Blank but applicable	
	13	9 Don't know	
	12012	Blank	
	1656	February	
HYG17C	195	1 Yes	
	1500	2 No	
	224	8 Blank but applicable	
	13	9 Don't know	
	12012	Blank	
	1657	March	
HYG17D	457	1 Yes	
	1238	2 No	
	224	8 Blank but applicable	
	13	9 Don't know	
	12012	Blank	
	1658	April	
HYG17E	767	1 Yes	
	928	2 No	
	224	8 Blank but applicable	
	13	9 Don't know	
	12012	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION G. RESPIRATORY AND ALLERGY  
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Positions		Item description		
SAS name	Counts	and code		Notes
	1659	May		
HYG17F	704	1	Yes	
	991	2	No	
	224	8	Blank but applicable	
	13	9	Don't know	
	12012	Blank		
	1660	June		
HYG17G	480	1	Yes	
	1215	2	No	
	224	8	Blank but applicable	
	13	9	Don't know	
	12012	Blank		
	1661	July		
HYG17H	330	1	Yes	
	1365	2	No	
	224	8	Blank but applicable	
	13	9	Don't know	
	12012	Blank		
	1662	August		
HYG17I	396	1	Yes	
	1299	2	No	
	224	8	Blank but applicable	
	13	9	Don't know	
	12012	Blank		
	1663	September		
HYG17J	520	1	Yes	
	1175	2	No	
	224	8	Blank but applicable	
	13	9	Don't know	
	12012	Blank		

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION G. RESPIRATORY AND ALLERGY

Positions		Item description	
SAS name	Counts	and code	Notes
	1664	October	
HYG17K	459	1 Yes	
	1236	2 No	
	224	8 Blank but applicable	
	13	9 Don't know	
	12012	Blank	
	1665	November	
HYG17L	270	1 Yes	
	1425	2 No	
	224	8 Blank but applicable	
	13	9 Don't know	
	12012	Blank	
	1666	December	
HYG17M	219	1 Yes	
	1476	2 No	
	224	8 Blank but applicable	
	13	9 Don't know	
	12012	Blank	
	1667	Within an hour after being stung by an insect, has -- ever had a severe reaction, such as itching all over, trouble breathing, flushing, hives, or swelling of the face or hands or feet? (Phase 1)	
HYG18A	355	1 Yes	
	6976	2 No	
	4	8 Blank but applicable	
	9	9 Don't know	
	6600	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION G. RESPIRATORY AND ALLERGY

Positions		Item description	
SAS name	Counts	and code	Notes
	1668	Within an hour after eating something, has -- ever had a severe reaction, such as itching all over, trouble breathing,	
HYG18B			

		flushing, hives, or swelling of the face or hands or feet? (Phase 2)
	313	1 Yes
	6281	2 No
	2	8 Blank but applicable
	4	9 Don't know
	7344	Blank
HYG19	1669	Within an hour after receiving allergy shots or allergy tests, has -- ever had a severe reaction, such as itching all over, trouble breathing, flushing, hives, or swelling of the face or hands or feet?
	8127	0 Never received allergy shots or tests
	108	1 Yes
	5650	2 No
	3	8 Blank but applicable
	56	9 Don't know
HYG20	1670	Has -- ever given up or had to avoid a pet because of allergies?
	353	1 Yes
	13550	2 No
	33	8 Blank but applicable
	8	9 Don't know

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION G. RESPIRATORY AND ALLERGY  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
		During the past 12 months, has -- had any of the following conditions?	
		IF "YES," ASK HYG22 BEFORE GOING TO NEXT CONDITION.	
HYG21A	1671	Colds or flu?	
	11473	1 Yes (HYG22A)	
	2467	2 No	
	4	9 Don't know	
HYG21B	1672	Sinusitis or sinus problems?	
	1670	1 Yes (HYG22B)	
	12244	2 No	

	30	9	Don't know
1673			Pneumonia?
HYG21C	401	1	Yes (HYG22C)
	13541	2	No (HYH1)
	2	9	Don't know
			How many episodes of ... did -- have in the past 12 months?
1674-1676			Colds or flu
HYG22A	11358		001-030
	103	555	Continuously, constantly
	2	888	Blank but applicable
	10	999	Don't know
	2471		Blank
1677-1679			Sinusitis or sinus problems
HYG22B	1406		001-080
	254	555	Continuously, constantly
	3	888	Blank but applicable
	7	999	Don't know
	12274		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION G. RESPIRATORY AND ALLERGY  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
1680-1682		Pneumonia	
HYG22C	338	001	
	39	002	
	7	003	
	1	004	
	2	005	
	1	007	
	10	555	Continuously, constantly
	3	888	Blank but applicable
	13543	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

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SECTION H. VISION AND HEARING

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Positions SAS name	Counts	Item description and code	Notes
	1683	CHECK ITEM. REFER TO AGE OF SP.	
HYH1	4795	1 Under 3 years (HYH5)	
	9149	2 3+ years	
	1684	Does -- have trouble seeing with one or both eyes even when wearing glasses or contact lenses?	
HYH2	715	1 Yes	
	8387	2 No	
	36	8 Blank but applicable	
	11	9 Don't know	
	4795	Blank	
	1685	Does -- use eyeglasses or contact lenses? Include eyeglasses that just magnify.	
HYH3	1192	1 Yes	
	7918	2 No	
	39	8 Blank but applicable	
	4795	Blank	
	1686	When was the last time -- had -- vision tested?	
HYH4	2394	0 Never	
	2892	1 6 months ago or less	
	2114	2 Over 6 months to 12 months	
	876	3 Over 12 months to 2 years	
	495	4 Over 2 years to 5 years	
	97	5 More than 5 years	
	48	8 Blank but applicable	
	233	9 Don't know	
	4795	Blank	
	1687	Did -- ever have an ear infection or an earache?	
HYH5	8055	1 Yes	
	5832	2 No (HYH10)	
	9	8 Blank but applicable	
	48	9 Don't know (HYH10)	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)



-----  
SECTION H. VISION AND HEARING  
-----

Positions SAS name	Counts	Item description and code	Notes
HYH6	1688	How many times has -- had an ear infection or an earache?	
	2224	1 Once	
	1649	2 Twice	
	2179	3 3-5 times	
	1976	4 6 or more times	
	19	8 Blank but applicable	
	17	9 Don't know	
	5880	Blank	
HYH7S	1689-1691	How old was -- when -- had the first ear infection or earache? (months)	See note
	7772	001-192	
	14	777 Less than 1 month	
	128	888 Blank but applicable	
	150	999 Don't know	
	5880	Blank	
HYH8	1692	Was -- ever treated by a doctor for (any of) -- ear infection(s) or earache(s)?	
	7628	1 Yes	
	414	2 No (HYH10)	
	10	8 Blank but applicable	
	12	9 Don't know (HYH10)	
	5880	Blank	
HYH9	1693	Did a doctor ever treat an ear infection or earache -- had by placing tubes in --'s ear?	
	617	1 Yes	
	6996	2 No	
	9	8 Blank but applicable	
	16	9 Don't know	
	6306	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
-----

SECTION H. VISION AND HEARING  
-----

Positions SAS name	Counts	Item description and code	Notes
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HYH10	1694		Has -- ever had trouble hearing with one or both ears? Do not include any problems which lasted just a short period of time such as during a cold.
	426	1	Yes
	13423	2	No (HYH12)
	7	8	Blank but applicable
	88	9	Don't know (HYH12)
HYH11	1695		Does -- still have trouble hearing with one or both ears?
	231	1	Yes
	181	2	No
	6	8	Blank but applicable
	15	9	Don't know
	13511		Blank
HYH12	1696		Does -- use a hearing aid?
	14	1	Yes
	13923	2	No
	6	8	Blank but applicable
	1	9	Don't know
HYH13	1697		How long ago did -- last have -- hearing tested?
	6625	0	Never
	2852	1	6 months ago or less
	2155	2	Over 6 months to 12 months
	970	3	Over 12 months to 2 years
	655	4	Over 2 years to 5 years
	168	5	More than 5 years
	7	8	Blank but applicable
	512	9	Don't know

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
HYJ1	1698	REFER TO AGE OF SP. IF OVER 4 YEARS USE WORDING IN PARENTHESES.	
		(Before the age of 4) did -- ever attend a day care center or nursery school where there were 6 or more children?	
	4616	1 Yes	

	9314	2	No (HYJ4)	
	1	8	Blank but applicable	
	13	9	Don't know	
HYJ2	1699		Did -- ever attend this kind of center or school for 10 or more hours per week?	
	3842	1	Yes	
	771	2	No (HYJ4)	
	1	8	Blank but applicable	
	3	9	Don't know	
	9327		Blank	
HYJ3S	1700-1702		(Before the age of 4) for how many months did -- attend this kind of center or school?	See note
	3747		001-048	
	30	777	Less than 1 month	
	56	888	Blank but applicable	
	10	999	Don't know	
	10101		Blank	
HYJ4	1703		CHECK ITEM. REFER TO AGE OF SP.	
	7151	1	Under 5 years (HYJ28)	
	6793	2	5+ years	
HYJ5	1704		Has -- ever attended school?	
	6494	1	Yes (HYJ7)	
	288	2	No	
	11	8	Blank but applicable	
	7151		Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
		Why has -- never attended school?	
HYJ6A	1705	Too young - no schools around for children that age	
	263	1 Yes	
	25	2 No (HYJ21)	
	8	8 Blank but applicable	
	13648	Blank	
HYJ6B	1706	Health problem	
	1	1 Yes	

	287	2	No (HYJ21)
	8	8	Blank but applicable
	13648		Blank
1707			Family needs child at home
HYJ6C	2	1	Yes
	286	2	No (HYJ21)
	8	8	Blank but applicable
	13648		Blank
1708			Other
HYJ6D	25	1	Yes
	263	2	No (HYJ21)
	8	8	Blank but applicable
	13648		Blank
1709			Is -- now either going to school or on vacation from school?
HYJ7	5316	1	Going to school
	1107	2	On vacation between school grades
	71	3	Neither (HYJ13)
	11	8	Blank but applicable
	7439		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
1710-1711		What grade (is -- in now/will -- be in)?	
HYJ8	5437	01-12	
	92	44 Nursery school (HYJ21)	
	864	55 Kindergarten	
	32	88 Blank but applicable	
	9	99 Don't know	
	7510	Blank	
1712		Does the school -- attends serve a complete breakfast costing the same fixed price everyday?	
HYJ9	4068	1 Yes	
	2183	2 No (HYJ11)	
	16	8 Blank but applicable	
	75	9 Don't know	
	7602	Blank	
1713-1714		About how many times a week does --	

HYJ10			usually eat a complete breakfast at school?
	2031	00	Never
	91	01	
	148	02	
	171	03	
	43	04	
	1560	05	
	8	08	
	4	09	
	20	88	Blank but applicable
	8	99	Don't know
	9860		Blank
1715			Does the school -- attends serve school lunches? These are complete lunches costing the same fixed price every day.
HYJ11	5956	1	Yes
	360	2	No (HYJ14)
	14	8	Blank but applicable
	12	9	Don't know
	7602		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
1716		About how many times a week does --	
HYJ12		usually eat a complete school lunch?	
	802	0	Never (HYJ14)
	215	1	
	231	2	
	266	3	
	143	4	
	4280	5	
	27	8	Blank but applicable
	6	9	Don't know
	7974		Blank
1717-1718		Why did -- stop going to school?	
HYJ13	7	01	Health problem
	2	02	Family needs child at home
	19	03	Dropped out
	25	04	Other
	8	06	Moved or relocated
	8	07	Pregnancy

	10	88	Blank but applicable
	13865		Blank
1719-1721 HYJ14			During the past 12 months, about how many whole days was -- absent from school because of illness, skipping or cutting, or for other reasons?
	1511	000	None/never
	4847	001-365	
	32	888	Blank but applicable
	23	999	Don't know
	7531		Blank
1722 HYJ15			Has -- ever skipped any grades for any reason?
	99	1	Yes
	5672	2	No
	609	3	Attending kindergarten (HYJ23)
	33	8	Blank but applicable
	7531		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE  
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Positions SAS name	Counts	Item description and code	Notes
	1723		Has -- repeated any grades for any reason?
HYJ16	1152	1	Yes
	4639	2	No (HYJ19)
	12	8	Blank but applicable
	1	9	Don't know
	8140		Blank
			What grade did -- repeat?
	1724		Kindergarten
HYJ17A	203	1	Yes
	944	2	No
	15	8	Blank but applicable
	2	9	Don't know
	12780		Blank
	1725		1st Grade
HYJ17B	387	1	Yes
	761	2	No
	15	8	Blank but applicable

	1	9	Don't know
	12780		Blank
1726			2nd Grade
HYJ17C	230	1	Yes
	918	2	No
	15	8	Blank but applicable
	1	9	Don't know
	12780		Blank
1727			3rd Grade
HYJ17D	166	1	Yes
	982	2	No
	15	8	Blank but applicable
	1	9	Don't know
	12780		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE  
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Positions		Item description	
SAS name	Counts	and code	Notes
1728		4th Grade	
HYJ17E	86	1	Yes
	1062	2	No
	15	8	Blank but applicable
	1	9	Don't know
	12780		Blank
1729		5th Grade	
HYJ17F	52	1	Yes
	1096	2	No
	15	8	Blank but applicable
	1	9	Don't know
	12780		Blank
1730		6th Grade	
HYJ17G	45	1	Yes
	1103	2	No
	15	8	Blank but applicable
	1	9	Don't know
	12780		Blank
1731		7th Grade	
HYJ17H	40	1	Yes
	1108	2	No
	15	8	Blank but applicable

	1	9	Don't know
	12780		Blank
1732			8th Grade
HYJ17I	30	1	Yes
	1118	2	No
	15	8	Blank but applicable
	1	9	Don't know
	12780		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE  
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Positions		Item description	
SAS name	Counts	and code	Notes
	1733	9th Grade	
HYJ17J	22	1 Yes	
	1126	2 No	
	15	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
	1734	10th Grade	
HYJ17K	5	1 Yes	
	1143	2 No	
	15	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
	1735	11th Grade	
HYJ17L	1148	2 No	
	15	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
	1736	12th Grade	
HYJ17M	1148	2 No	
	15	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
		Why did -- repeat the (NUMBERS IN HYJ17)	
		grade(s)?	
	1737	Academic failure	
HYJ18A	604	1 Yes	
	543	2 No	



15	8	Blank but applicable
2	9	Don't know
12780		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE  
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Positions SAS name	Counts	Item description and code	Notes
	1738	Immature/acted too young	
HYJ18B	266	1 Yes	
	882	2 No	
	15	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
	1739	Frequently absent	
HYJ18C	71	1 Yes	
	1077	2 No	
	15	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
	1740	Moved into a more difficult school	
HYJ18D	72	1 Yes	
	1076	2 No	
	15	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
	1741	Other	
HYJ18E	86	1 Yes	
	1062	2 No	
	15	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
	1742	Language problem	
HYJ18G	42	1 Yes	
	1114	2 No	
	7	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE  
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Positions SAS name	Counts	Item description and code	Notes
	1743	Learning/behavior problem	
HYJ18H	61	1 Yes	
	1095	2 No	
	7	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
	1744	Health problem	
HYJ18I	67	1 Yes	
	1089	2 No	
	7	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
	1745	Hearing/vision problem (Phase 1)	
HYJ18J	8	1 Yes	
	1148	2 No	
	7	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
	1746	Relocation problem (Phase 1)	
HYJ18K	11	1 Yes	
	1145	2 No	
	7	8 Blank but applicable	
	1	9 Don't know	
	12780	Blank	
	1747	Has -- ever been suspended, excluded or expelled from school?	
HYJ19	625	1 Yes	
	5167	2 No (HYJ21)	
	12	8 Blank but applicable	
	8140	Blank	
	1748-1750	How many times has -- been suspended, excluded or expelled from school?	
HYJ20	625	001-060	
	12	888 Blank but applicable	
	13307	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE

Positions SAS name	Counts	Item description and code	Notes
	1751	CHECK ITEM. REFER TO AGE OF SP.	
HYJ21	3968	1 Under 12 years (HYJ23)	
	2216	2 12+ years	
	7760	Blank	
1752-1753 HYJ22		On the average during the school year, how many hours per week does -- work in a paid or unpaid job?	
	1869	00 None	
	134	01 5 or fewer hours	
	66	02 6-9 hours	
	41	03 10-14 hours	
	33	04 15-19 hours	
	38	05 20-24 hours	
	28	06 25 or more hours	
	7	88 Blank but applicable	
	11728	Blank	
1754-1755 HYJ23		About how many hours did -- watch TV yesterday?	
	841	00 None	
	331	01 Half hour or less	
	1107	02 About 1 hour	
	1710	03 About 2 hours	
	1147	04 About 3 hours	
	705	05 About 4 hours	
	879	06 5 hours or more	
	22	88 Blank but applicable	
	51	99 Don't know	
	7151	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE

Positions SAS name	Counts	Item description and code	Notes
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	1756	Now I will ask about --'s friends	
HYJ24		About how many good friends does -- have?	
	307	0	None
	2025	1	1-2 good friends
	2662	2	3-5 good friends
	1766	3	6 or more good friends
	17	8	Blank but applicable
	16	9	Don't know
	7151	Blank	
	1757	How many of --'s close friends do you know by sight and by first and last name? Would you say all, most, or only a few?	
HYJ25			
	728	0	None
	3511	1	All
	1480	2	Most
	1042	3	A few
	29	8	Blank but applicable
	3	9	Don't know
	7151	Blank	
	1758	When it comes to meeting new (children/teenagers) and making friends, is -- somewhat shy and slow to make a new friend, or does -- have about average willingness, or is -- very outgoing, making new friends quickly?	
HYJ26			
	1577	1	Shy
	2523	2	Average
	2674	3	Outgoing
	16	8	Blank but applicable
	3	9	Don't know
	7151	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
-----			
HYJ27	1759	How well would you say -- gets along with other (children/teenagers)? Does -- have no difficulty getting along, have some difficulty, but not much, getting along, or does -- have a lot of	

		difficulty getting along with other (children/teenagers)?
5227	1	No difficulty
1395	2	Some difficulty
150	3	A lot of difficulty
19	8	Blank but applicable
2	9	Don't know
7151		Blank
1760-1761 HYJ28		What language does -- mainly speak at home now?
2587	01	Does not talk yet (HYJ30)
8755	02	English
1860	03	Spanish
553	04	Both English and Spanish equally
182	05	Other than English or Spanish
7	88	Blank but applicable
1762-1763 HYJ29		What language (does/did) -- mainly speak at school in -- classes?
4083	01	Does not attend school
6725	02	English
178	03	Spanish
351	04	Both English and Spanish equally
7	05	Depends on subject matter
5	06	Other
7	88	Blank but applicable
1	99	Don't know
2587		Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION J. SCHOOL ATTENDANCE AND LANGUAGE USE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes
1764		What language do (--'s parents/you) mainly speak at home now?	
HYJ30	10339	1 English	
	2651	2 Spanish	
	593	3 Both English and Spanish equally	
	338	4 Other	
	23	8 Blank but applicable	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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-----  
SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

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\*Note: See Youthk file for updated data for dietary supplements and Prescription drugs.

The following questions concern --'s use of vitamins, minerals, and medicines in the past month.

	1765	Has -- taken any vitamins or minerals in the past month? Please include those that are prescribed by a doctor or dentist and those that are not prescribed.
HYK1A		DO NOT INCLUDE TOPICAL VITAMINS.
	13944	Blank

	1766	Has -- taken or used any medicines for which a doctor's or dentist's prescription is needed, in the past month? This includes any products which cannot be obtained without a doctor's or dentist's prescription. Include those medicines you may have already mentioned.
HYK1B		DO NOT INCLUDE PRESCRIPTION VITAMINS WHICH SHOULD BE RECORDED AT HYK1A.
	13944	Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions		Item description	
SAS name	Counts	and code	Notes

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CHECK ITEM. REFER TO RESPONSES IN HYK1A-1B. IF ANY YES: May I see the containers for all of the (vitamins and minerals/prescription medicines) -- took in the past month?

1767-1768	Number of vitamins/minerals reported
-----------	--------------------------------------

HYK2A	13944	Blank	
1769-1770 HYK2B		Number of prescription medicines reported	
	13944	Blank	
1771-1772 HYK3CG		Certainty index code (1st supplement reported)	See note
	13944	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE  
-----

Positions SAS name	Counts	Item description and code	Notes
1773-1774 HYK3DG		Product class (1st supplement reported)	See note
	13944	Blank	
1775-1778 HYK6SG		How often did -- take (PRODUCT) in the past month? (1st supplement reported)	See note
	13944	Blank	
1779-1782 HYK8SG		For how long has -- been taking this type of product? (months) (1st supplement reported)	See note
	13944	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
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1783-1784 HYK3CH	Certainty index code (2nd supplement reported)	See note
13944	Blank	
1785-1786 HYK3DH	Product class (2nd supplement reported)	See note
13944	Blank	
1787-1790 HYK6SH	How often did -- take (PRODUCT) in the past month? (2nd supplement reported)	See note
13944	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE			
Positions SAS name	Counts	Item description and code	Notes
1791-1794 HYK8SH		For how long has -- been taking this type of product? (months) (2nd supplement reported)	See note
	13944	Blank	
1795-1796 HYK3CI		Certainty index code (3rd supplement reported)	See note
	13944	Blank	
1797-1798 HYK3DI		Product class (3rd supplement reported)	See note
	13944	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
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SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE

Positions SAS name	Counts	Item description and code	Notes
1799-1802 HYK6SI		How often did -- take (PRODUCT) in the past month? (3rd supplement reported)	See note
	13944	Blank	
1803-1806 HYK8SI		For how long has -- been taking this type of product? (months) (3rd supplement reported)	See note
	13944	Blank	
1807-1808 HYK3CJ		Certainty index code (4th supplement reported)	See note
	13944	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE

Positions SAS name	Counts	Item description and code	Notes
1809-1810 HYK3DJ		Product class (4th supplement reported)	See note
	13944	Blank	
1811-1814 HYK6SJ		How often did -- take (PRODUCT) in the past month? (4th supplement reported)	See note
	13944	Blank	
1815-1818 HYK8SJ		For how long has -- been taking this type of product? (months) (4th supplement reported)	See note
	13944	Blank	
1819-1820 HYK3CK		Certainty index code (5th supplement reported)	See note

13944 Blank

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE

Positions SAS name	Counts	Item description and code	Notes
1821-1822 HYK3DK		Product class (5th supplement reported)	See note
	13944	Blank	
1823-1826 HYK6SK		How often did -- take (PRODUCT) in the past month? (5th supplement reported)	See note
	13944	Blank	
1827-1830 HYK8SK		For how long has -- been taking this type of product? (months) (5th supplement reported)	See note
	13944	Blank	
1831-1832 HYK3CL		Certainty index code (6th supplement reported)	See note
	13944	Blank	
1833-1834 HYK3DL		Product class (6th supplement reported)	See note
	13944	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE

Positions	Item description
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SAS name	Counts	and code	Notes
1835-1838 HYK6SL		How often did -- take (PRODUCT) in the past month? (6th supplement reported)	See note
	13944	Blank	
1839-1842 HYK8SL		For how long has -- been taking this type of product? (months) (6th supplement reported)	See note
	13944	Blank	
1843-1844 HYK3CM		Certainty index code (7th supplement reported)	See note
	13944	Blank	
1845-1846 HYK3DM		Product class (7th supplement reported)	See note
	13944	Blank	
1847-1850 HYK6SM		How often did -- take (PRODUCT) in the past month? (7th supplement reported)	See note
	13944	Blank	
1851-1854 HYK8SM		For how long has -- been taking this type of product? (months) (7th supplement reported)	See note
	13944	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE			
Positions		Item description	
SAS name	Counts	and code	Notes
1855-1856 HYK3CN		Certainty index code (8th supplement reported)	See note
	13944	Blank	

1857-1858 HYK3DN	Product class (8th supplement reported)	See note
13944	Blank	
1859-1862 HYK6SN	How often did -- take (PRODUCT) in the past month? (8th supplement reported)	See note
13944	Blank	
1863-1866 HYK8SN	For how long has -- been taking this type of product? (months) (8th supplement reported)	See note
13944	Blank	
1867-1868 HYK3CO	Certainty index code (9th supplement reported)	See note
13944	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
1869-1870 HYK3DO		Product class (9th supplement reported)	See note
13944		Blank	
1871-1874 HYK6SO		How often did -- take (PRODUCT) in the past month? (9th supplement reported)	See note
13944		Blank	
1875-1878 HYK8SO		For how long has -- been taking this type of product? (months) (9th supplement reported)	See note
13944		Blank	
1879-1880 HYK3CP		Certainty index code (10th supplement reported)	See note

13944	Blank	
1881-1882 HYK3DP	Product class (10th supplement reported)	See note
13944	Blank	

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE			
Positions SAS name	Counts	Item description and code	Notes
1883-1886 HYK6SP		How often did -- take (PRODUCT) in the past month? (10th supplement reported)	See note
	13944	Blank	
1887-1890 HYK8SP		For how long has -- been taking this type of product? (months) (10th supplement reported)	See note
	13944	Blank	
1891-1894 HYK9DG		Primary drug class code (1st medication reported)	See note
	13944	Blank	
1895-1898 HYK9EG		Secondary drug class code (1st medication reported)	See note
	13944	Blank	
1899-1902 HYK9FG		Tertiary drug class code (1st medication reported)	See note
	13944	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE			

Positions SAS name	Counts	Item description and code	Notes
1903-1908 HYK11AG		ICD-9-CM code (1st medication reported)	See note
	13944	Blank	
1909-1913 HYK12SG		For how long has -- been taking or using (MEDICINE)? (days) (1st medication reported)	See note
	13944	Blank	
1914-1917 HYK9DH		Primary drug class code (2nd medication reported)	See note
	13944	Blank	
1918-1921 HYK9EH		Secondary drug class code (2nd medication reported)	See note
	13944	Blank	
1922-1925 HYK9FH		Tertiary drug class code (2nd medication reported)	See note
	13944	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE			
Positions SAS name	Counts	Item description and code	Notes
1926-1931 HYK11AH		ICD-9-CM code (2nd medication reported)	See note
	13944	Blank	
1932-1936 HYK12SH		For how long has -- been taking or using (MEDICINE)? (days) (2nd medication reported)	See note
	13944	Blank	
1937-1940		Primary drug class code	See note

HYK9DI	(3rd medication reported)	
13944	Blank	
1941-1944 HYK9EI	Secondary drug class code (3rd medication reported)	See note
13944	Blank	
1945-1948 HYK9FI	Tertiary drug class code (3rd medication reported)	See note
13944	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
1949-1954 HYK11AI		ICD-9-CM code (3rd medication reported)	See note
13944	Blank		
1955-1959 HYK12SI		For how long has -- been taking or using (MEDICINE)? (days) (3rd medication reported)	See note
13944	Blank		
1960-1963 HYK9DJ		Primary drug class code (4th medication reported)	See note
13944	Blank		
1964-1967 HYK9EJ		Secondary drug class code (4th medication reported)	See note
13944	Blank		
1968-1971 HYK9FJ		Tertiary drug class code (4th medication reported)	See note
13944	Blank		

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE			
Positions		Item description	
SAS name	Counts	and code	Notes
1972-1977 HYK11AJ		ICD-9-CM code (4th medication reported)	See note
	13944	Blank	
1978-1982 HYK12SJ		For how long has -- been taking or using (MEDICINE)? (days) (4th medication reported)	See note
	13944	Blank	
1983-1986 HYK9DK		Primary drug class code (5th medication reported)	See note
	13944	Blank	
1987-1990 HYK9EK		Secondary drug class code (5th medication reported)	See note
	13944	Blank	
1991-1994 HYK9FK		Tertiary drug class code (5th medication reported)	See note
	13944	Blank	
1995-2000 HYK11AK		ICD-9-CM code (5th medication reported)	See note
	13944	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)			
SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE			
Positions		Item description	
SAS name	Counts	and code	Notes



2001-2005 HYK12SK		For how long has -- been taking or using (MEDICINE)? (days) (5th medication reported)	See note
	13944	Blank	
2006-2009 HYK9DL		Primary drug class code (6th medication reported)	See note
	13944	Blank	
2010-2013 HYK9EL		Secondary drug class code (6th medication reported)	See note
	13944	Blank	
2014-2017 HYK9FL		Tertiary drug class code (6th medication reported)	See note
	13944	Blank	
2018-2023 HYK11AL		ICD-9-CM code (6th medication reported)	See note
	13944	Blank	
2024-2028 HYK12SL		For how long has -- been taking or using (MEDICINE)? (days) (6th medication reported)	See note
	13944	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2029-2032 HYK9DM		Primary drug class code (7th medication reported)	See note
	13944	Blank	
2033-2036 HYK9EM		Secondary drug class code (7th medication reported)	See note
	13944	Blank	
2037-2040 HYK9FM		Tertiary drug class code (7th medication reported)	See note
	13944	Blank	

2041-2046 HYK11AM	ICD-9-CM code (7th medication reported)	See note
13944	Blank	
2047-2051 HYK12SM	For how long has -- been taking or using (MEDICINE)? (days) (7th medication reported)	See note
13944	Blank	
2052-2055 HYK9DN	Primary drug class code (8th medication reported)	See note
13944	Blank	
2056-2059 HYK9EN	Secondary drug class code (8th medication reported)	See note
13944	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)  
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SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE  
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Positions SAS name	Counts	Item description and code	Notes
2060-2063 HYK9FN		Tertiary drug class code (8th medication reported)	See note
	13944	Blank	
2064-2069 HYK11AN		ICD-9-CM code (8th medication reported)	See note
	13944	Blank	
2070-2074 HYK12SN		For how long has -- been taking or using (MEDICINE)? (days) (8th medication reported)	See note
	13944	Blank	
2075-2078 HYK9DO		Primary drug class code (9th medication reported)	See note
	13944	Blank	
2079-2082 HYK9EO		Secondary drug class code (9th medication reported)	See note

	13944	Blank	
2083-2086 HYK9FO		Tertiary drug class code (9th medication reported)	See note
	13944	Blank	
2087-2092 HYK11AO		ICD-9-CM code (9th medication reported)	See note
	13944	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

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SECTION K. VITAMIN, MINERAL, AND MEDICINE USAGE

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Positions		Item description	
SAS name	Counts	and code	Notes
2093-2097 HYK12SO		For how long has -- been taking or using (MEDICINE)? (days) (9th medication reported)	See note
	13944	Blank	

NHANES III Household Youth Data File  
Including demographic, family, and survey weighting data

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HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

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SECTION M. RESPONDENT

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Positions		Item description	
SAS name	Counts	and code	Notes
CHECK ITEM.			
INDICATE MAIN RESPONDENT'S RELATIONSHIP TO SP AND SPECIFY FAMILY NO. AND LINE NO. OF RESPONDENT.			
2098-2099 HYM1		RELATIONSHIP	
	12362	01 Mother	
	833	02 Father	

	52	03	Sister or brother	
	386	04	Grandparent	
	112	05	Other	
	119	07	Aunt or uncle	
	80	88	Blank but applicable	
	2100		Was SP present during any part of the interview?	
HYM2				
	9169	1	Yes	
	4625	2	No	
	150	8	Blank but applicable	
	2101		Quality of interview.	See note
HYM3				
	13836	1	Reliable	
	11	2	Unreliable	
	97	8	Blank but applicable	

#### NOTES

#### Demographic Data

DMPFSEQ: Family sequence number

This variable can be used to determine all family members who participated in the survey. Sample persons who have identical family sequence numbers (i.e. match on all 5 digits) are members of the same family.

DMPSTAT: Examination/interview status

This variable identifies the interview or examination status of all persons selected for the NHANES III sample. Interviewed persons completed preselected questions in specific sections of the Household Adult or Youth Questionnaires. Mobile examination center (MEC)-examined persons were interviewed and successfully completed at least one examination component in the MEC. Home-examined persons were interviewed and successfully completed at least one home examination component. The home examination was an option for frail older adults, infants 2-11 months of age, and other adults who were unable to come to the MEC.

DMARETHN: Race-ethnicity

This key analytic variable, based on the NHANES III survey design, was derived from many sources of data and is based on reported race and ethnicity. The other category includes all Hispanics, regardless of race, who were not Mexican-American and also includes all non-Hispanics from racial groups other than white or black.

DMARACER: Race

This variable was obtained from two primary sources: the Screener and the Family Questionnaires. Prior to the selection of the sample, race (Black, White, Other) was self-reported or reported by proxy in the Screener Questionnaire. During the administration of the Family

Questionnaire, race was self-reported or reported by the respondent of the Family Questionnaire from five categories (Aleut, Eskimo, American Indian, Asian or Pacific Islander, Black, White, Other). Responses from the two sources were adjudicated, as necessary, to create a three level variable (Black, White, Other).

**DMAETHNR: Ethnicity**

This variable was obtained from two primary sources: the Screener and the Family Questionnaires. As part of both interviews, hand cards were used to determine Mexican/Mexican-American or Other Latin American/Spanish ancestry or national origin. Responses of non-Hispanic ancestry or national origin were categorized as other. Responses from the two interviews were adjudicated, as necessary, and this three level variable was created.

**HSAGEIR: Age (Screener Questionnaire)**

Age was calculated using the birth date which was obtained from the Screener Questionnaire. The variable HSAGEU provides the age unit (months or years) for HSAGEIR. Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

**HSAITMOR: Age in months (Screener Questionnaire)**

Age in months was calculated by computing number of months between the Screener Questionnaire date and date of birth. This variable was created for analyses where exact age at the interview may be needed. HSAITMOR differs slightly from the age in years (HSAGEIR), the variable most often used for analyses. Ages of 1080 months and older (90 years and older) were recoded into a single category of 1080+ months to protect the confidentiality of survey participants.

**HSFSIZER: Family Size**

Family size represents the total number of related persons living in a household (single dwelling unit). All household members were rostered by family during the Screener interview. Household members who were related to the family reference person (knowledgeable household member 17 years or older who owned or rented the dwelling unit) by blood or marriage were considered part of the family. Adopted children, foster- and god-children were also included, if they were living in the dwelling unit. However, family members who were away at college, or living independently were not included. Other household members who were unrelated to the reference person were considered members of separate families. Families with 10 members or more were recoded into a single response category of 10+ persons to help protect confidentiality. See note for Household Size (HSHSIZER).

**HSHSIZER: Household Size**

Household size represents the total number of persons living in a single dwelling unit, both related and unrelated. All permanent household members were rostered according to their family as part the Screener interview. This was done in order to obtain a complete list of all persons living or staying in the dwelling unit, and to distinguish household and family members. Households with 10 members or more were recoded into a single response category of 10+ persons to help protect confidentiality. See note for Family Size (HFHSIZER).

DMPCNTYR: County FIPS codes for United States counties with populations of 500,000 and more

These county FIPS codes identify large counties with populations of 500,000 and more that were sampled in the survey. Counties with population less than 500,000 are not included to prevent identification of these locations. See Appendix 1 for listing of codes.

DMPFIPSR: State FIPS codes for United States counties with populations of 500,000 and more

These state FIPS codes identify counties with populations of 500,000+ that were sampled in the survey. Counties with population less than 500,000 are not included to prevent identification of these locations. See Appendix 1 for listing of codes.

DMPMETRO: Urbanization classification based on USDA Rural-Urban continuum codes

These classifications are based on the USDA Rural-Urban codes (Butler and Beale, 1993) that describe metro and nonmetro counties by degree of urbanization and nearness to metro areas. The USDA codes were recoded into two categories to prevent identification of counties that were sampled in the survey.

DMPCREGN: Census region

The United States was divided into four broad geographic regions as defined by the Bureau of Census. Because all states were not included in the selected sample, regional estimates may not be representative for a given region.

DMPPIR: Poverty income ratio (or poverty index)

The poverty income ratio (PIR) was computed as a ratio of two components. The numerator was the midpoint of the observed family income category in the Family Questionnaire variable:HFF19R. The denominator was the poverty threshold, the age of the family reference person, and the calender year in which the family was interviewed.

Poverty threshold values (in dollars) are produced annually by the

Census Bureau (Series P-60). These threshold values are based on calendar years and adjusted for changes caused by inflation between calendar years. Reports for each of the calendar years in the survey (1988-94) were used in the calculation of PIR. For the years 1991 and 1994, data from preliminary reports were used. The poverty income ratio allows income data to be analyzed in a comparable manner across the six years of the survey and with previous NHANES.

Persons who reported having had no income and were assigned a zero value for PIR. A substantial proportion of persons refused to report their income or income category during the Family Questionnaire. Due to the income nonresponse the potential for bias in PIR may be high. Users are cautioned to examine potential nonresponse bias for PIR and other income variables.

## Survey Design Data

SDPPHASE: Phase of NHANES III survey

For operational purposes, 81 primary sampling units were divided into 89 survey locations (or stands) and randomly allocated to two three-year phases. Phase 1 data were collected from October 1988 through October 1991 and Phase 2 data were collected from October 1991 through October 1994.

SDPSTRA6, SDPSTRA1, SDPSTRA2, and SDPPSU6, SDPPSU1, SDPPSU2: Pseudo strata codes and pseudo PSU pair codes

Because NHANES III was based upon a complex sample design, the assumptions of many statistical tests and routinely available statistical programs are not met. For this reason, when estimates of the variances of statistics are computed, the technique of estimation must be based upon complex sampling theory. In order to provide users with the capability of estimating the complex sample variances, 49 pseudo strata and a pair of Primary Sampling Unit (PSU) codes per stratum were designed.

A software package, "SUDAAN- Software for the Statistical Analysis of Correlated Data" (Shah, 1995), was developed by the Research Triangle Institute to analyze complex sample design data like NHANES. SUDAAN uses strata and PSU codes to conduct analysis with two PSU per stratum design. Therefore, definition of pseudo strata and PSU provided in this data file should be used to compute complex sample variances in analyses. Other software available for estimation of complex sample variance may also be used. For further discussion of methods of variance estimation in NHANES III, see additional information on this subject in Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

## Sampling Weights

WTPFQX6, WTPFQX1, WTPFQX2: Total NHANES III and phase-specific final  
interview weights

These sampling weights should be used only for items collected during the household interviews. To compute final interview weights, final basic weights were first adjusted for nonresponse to household interview, then post-stratified to the unpublished Current Population Survey 1990 (Phase 1) and 1993 (Phase 2) population control estimates of the U.S. population adjusted for undercount. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFEX6, WTPFEX1, WTPFEX2: Total NHANES III and phase-specific final MEC  
examination weights

These MEC sampling weights should be used for analysis of measurements or interview items collected in the MEC. Persons who were not examined in the MEC have a sampling weight of zero and should be excluded from analyses. To compute final MEC examination weights, final interview weights were first adjusted for nonresponse to MEC examinations, then post-stratified to the unpublished Current Population Survey 1990 (Phase 1) and 1993 (Phase 2) population control estimates of the U.S. population adjusted for undercount. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFHX6, WTPFHX1, WTPFHX2: Total NHANES III and phase-specific MEC+home  
examination weights

These MEC+home sampling weights should be used for analysis of the examination items where measurements or interview items were collected in the MEC and home. Persons who were not examined in the MEC or home have a sampling weight of zero and should be excluded from analyses. To compute final MEC+home examination weights, final interview weights were first adjusted for nonresponse to MEC and home examinations, then post-stratified to unpublished Current Population Survey 1990 (Phase 1) and 1993 (Phase 2) population control estimates of the U.S. population adjusted for undercount. No separate sampling weights were computed for home examinees. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFALG6, WTPFALG1, WTPFALG2: Total NHANES III and phase-specific allergy  
examination subsample weights

These subsample weights are for analysis of allergy measurements. Allergy skin reactivity tests were administered to all MEC-examined persons aged 6-19 years and a random half-sample of the adults aged 20-59 years. Eligible MEC-examined persons who did not complete the allergy tests have a sampling weight of zero and should be excluded from the analyses. Final MEC examination weights were first adjusted for selection of the half-sample among adults (20-59 years), and post-stratified to the unpublished Current Population Survey 1990 (Phase



1) and 1993 (Phase 2) population control estimates of the U.S. population adjusted for undercount in the final step. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFCNS6, WTPFCNS1, WTPFCNS2: Total NHANES III and phase-specific central nervous system (CNS) examination subsample final weights

These subsample weights are for analysis of measurements from the Central Nervous System (CNS) test. The CNS examination was administered to a random half-sample of the adults aged 20-69 years. Eligible MEC-examined persons who did not complete CNS testing have a sampling weight of zero and should be excluded from the analyses. Final MEC examination weights were first adjusted for selection of half sample among adults (20-59 years), and post-stratified to unpublished Current Population Survey 1990 (Phase 1) and 1993 (Phase 2) population control estimates of the U.S. population adjusted for undercount in the final step. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFSD6, WTPFSD1, WTPFSD2: Total NHANES III and phase-specific morning session MEC examination subsample final weights

These subsample weights are for special analyses where fasting time may be an important factor. They were computed for persons aged 12 years and older who were scheduled and examined in the MEC morning session. Sampled households in the survey were randomly assigned to one of two groups -- morning session ("standard") or afternoon/evening session ("modified") assignments. All sample persons from a household received the same session assignment and were requested to schedule examinations for the assigned session. Fasting instructions varied by age and session assignment (Plan and Operation of The Third National Health and Nutrition Examination Survey, 1988-94, U.S. DHHS, 1996). It should be noted that actual fasting time may have differed from the instructed fasting time and can be obtained from the variable PHPFAST in the NHANES III Laboratory Data File. To compute these weights, final MEC examination weights were first adjusted for the random half selection, then adjusted for the non-response to assigned session, and finally, post-stratified to the unpublished Current Population Survey 1990 and 1993 Population control estimates of the U.S. population adjusted for undercount. Eligible MEC-examined persons who were assigned to the morning

session and examined in another session have a sampling weight of zero and should be excluded in analyses. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFMD6, WTPFMD1, WTPFMD2: Total NHANES III and phase-specific afternoon/evening session MEC examination subsample final weights

These subsample weights are for special analyses where fasting time might be an important factor. They were computed for MEC examined

persons aged 12 years and older who were scheduled and examined in the afternoon or evening sessions. Sampled households in the survey were randomly assigned to one of two groups -- morning session ("standard") or afternoon/evening session ("modified") assignments. All sample persons from a household received the same session assignment and were requested to schedule examinations for the assigned session. Fasting instruction varied by age and session assignments (Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94, U.S. DHHS, 1996). It should be noted that actual fasting time may have differed from the instructed fasting time and can be obtained from the variable PHPFAST in the NHANES III Laboratory Data File.) compute these weights, final MEC examination weights were first adjusted for the random half selection, then adjusted for the nonresponse to assigned session, and finally, post-stratified to the unpublished Current Population Survey 1990 and 1993 population control estimates of the U.S. population adjusted for undercount. Eligible MEC examined persons who were assigned to the afternoon or evening sessions and examined in another session have a sampling weight of zero and should be excluded in analyses. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFHSD6, WTPFHSD1, WTPFHSD2: Total NHANES III and phase-specific morning session MEC+home examination subsample final poststratified weights

These subsample weights are for special analyses where fasting time may be an important factor. They were computed for MEC+home examined persons aged 12 years and older who were scheduled and examined in the morning session. Sampled households in the survey were randomly assigned to one of two groups -- morning session ("standard") or afternoon/evening session ("modified") assignments. All sample persons from a household received the same session assignment and were requested to schedule examinations for the assigned session. Fasting instruction varied by age and session assignments (Plan and Operations of the Third National Health and Nutrition Examination Survey, 1988-94, U.S. DHHS, 1996). It should be noted that actual fasting time may have differed from the instructed fasting time and can be obtained from the variable PHPFAST in the NHANES III Laboratory Data File. To compute these weights, final MEC+home examination weights were first adjusted for the random half selection, then adjusted for the nonresponse to assigned session, and finally, post-stratified to the unpublished Current Population Survey 1990 and 1993 population control estimates of the U.S. population adjusted for undercount. Eligible MEC+home examined persons who were assigned to the morning session and examined in another session have a sampling weight of zero and should be excluded in analyses. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPFHMD6, WTPFHMD1, WTPFHMD2: Total NHANES III and phase-specific afternoon/evening MEC+home examination subsample final weights

These subsample weights are for special analyses where fasting time may be an important factor. They were computed for MEC+home examined

persons aged 12 years and older who were scheduled and examined in the afternoon or evening sessions. Sampled households in the survey were randomly assigned to one of two groups -- morning session ("standard") or afternoon/evening session ("modified") assignments. All sample persons from a household received the same session assignment and were requested to schedule examinations for the assigned session. Fasting instruction varied by age and session assignments (Plan and Operation of the Third National Health and Nutrition Examination Survey, U.S. DHHS, 1996). It should be noted that actual fasting time may have differed from the instructed fasting time. The actual fasting time can be obtained from the variable PHPFAST in the NHANES III Laboratory Data File. To compute these weights, final MEC+home examination weights were first adjusted for the random half selection, then adjusted for the nonresponse to assigned session, and finally, post-stratified to the unpublished Current Population Survey 1990 and 1993 population control estimates of the U.S. population adjusted for undercount. Eligible MEC+home examined persons who were assigned to the afternoon or evening sessions and examined in another session have a sampling weight of zero and should be excluded in analyses. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPQRP1--WTPQRP52: Fay's BRR Replicate interview sample

To allow for alternative methods to estimate variance, 52 replicate weights were computed using repeated sampling method where WESVAR or other software that use repeated samples, can be used for estimating variance. Fay's method (see Fay, 1990; Judkins, 1990) was used to draw half samples and adjust sampling weights in each of the random half samples. Sampling weights in one half sample were multiplied by the factor  $k=1.7$  and in the other half sample by  $k=0.3$  using the Fay's method. After this adjustment, sampling weights were further adjusted for non-response and post-stratified using the same procedure as the final full sample interview weights. These weights should be used only for estimating variance of items from the household adult and youth interviews. For details, see Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996).

WTPXRP1--WTPXRP52: Fay's BRR Replicate weights for MEC- examined sample

To allow for alternative methods to estimate variance, 52 replicate weights were computed using repeated sampling method where WESVAR or other BRR type software can be used to estimate variance. Fay's method (see Fay, 1990; Judkins, 1990) was used to draw half samples and adjust sampling weights in each of the random half samples. Sampling weights in one half sample were multiplied by the factor  $k=1.7$  and in the other half sample by  $k=0.3$  using Fay's method. After this adjustment, weights were further adjusted for nonresponse and were post-stratified using the same procedure as the full sample final weights. These weights should be used only for estimating variance of outcome measurements or interview items from the MEC Examination. For details, see additional information on this subject in Weighting and Estimation Methodology (U.S. DHHS, 1996) and NHANES III Analytic and Reporting Guidelines (U.S.

DHHS, 1996).

## Household Youth Questionnaire

### HYAITMO: Age in months (Household Youth Interview)

Age in months was calculated by computing number of months between Household Youth Interview date and the date of birth. It was created for special analyses where exact age at the interview may be needed. This computed age may be different from the self-reported age in HSAGEIR and HSAGEU, or HSAITMOR. For most analyses, age reported in HSAGEIR (and HSAGEU) should be used.

## MEC Examination

### MXPLANG: Language of MEC examination

This variable designates the language of conduct for the MEC examination. questionnaires were designed to be implemented in a bilingual (English/Spanish) format so that respondents could be interviewed in their preferred language. When it was necessary to conduct an interview in another language, a translator assisted the interviewer in administering the questionnaires. These interviews were coded as other.

### MXPSESSR: Examination session for MEC examinees

This variable designates the period during the day that the examination occurred. To increase response rates and allow flexibility, examinations were scheduled in three sessions: morning, afternoon and evening. On occasion, more than one session was attended in order to complete the full examination. In such a situation, the session was coded as the one when most of the examinations were completed.

### MXPAXTMR: Age in months at MEC examination

Age in total months was created for special analyses where exact age at the examination may be needed (e.g., computation of growth charts). It was calculated by computing number of months between examination date and the date of birth. Some examinees may have had a birthday between household interview and examination so that this computed age at examination may differ slightly from the age reported in HSAGEIR (and HSAGEU), or HSAITMOR. For most analyses age reported in HSAGEIR (and HSAGEU) should be used. Ages of 1080 months and older (90 years and older) were recoded into a single category of 1080+ months to protect the confidentiality of survey participants.

## Home Examination

HXPAXTMR: Age in months at home examination

Age in total months was created for special analyses where exact age at the examination may be needed (e.g., computation of growth charts). It was calculated by computing number of months between examination date and the date of birth. Some examinees may have had a birthday between household interview and examination so that this computed age at examination may differ slightly from the age reported in HSAGEIR (and HSAGEU), or HSAITMOR. For most analyses age reported in HSAGEIR (and HSAGEU) should be used. Ages of 1080 months and older (90 years and older) were recoded into a single category of 1080+ months to protect the confidentiality of survey participants.

HXPSESSR: Examination session for home examinees

This variable designates the period during the day that the examination occurred. To increase response rates and allow flexibility, examinations were scheduled in three sessions: morning, afternoon and evening. On occasion, more than one session was attended in order to complete the full examination. In such a situation, the session was coded as the one when most of the examinations were completed.

#### Family Questionnaire Notes

HFVERS: Version of household family questionnaire

During the six years of the survey, portions of the Family Questionnaire were modified several times resulting in four different versions. Questions were dropped, revised, or added to meet divergent research needs. Changes were made in the ordering of selected questions, in the reference time period, and in the wording of questions. Versions 1 and 2 were implemented during Phase 1, and Versions 3 and 4 were implemented during Phase 2. Versions 3 and 4 vary only by implementation mode; Version 3 was conducted by pencil and paper and Version 4 was conducted using the computer-assisted personal interview (CAPI). The Family Questionnaire printed in the Plan and Operation of the Third National Health and Nutrition Examination Survey (U.S. DHHS, 1996) most closely resembles the final version. During the editing of this data file, variables from different versions were put together where feasible to enable analysis of complete six-year data for as many variables as possible. Notes elaborating question modifications are provided in this document. Users should carefully examine the differences to determine how to conduct analyses. HFVERS can be used to identify the sample persons who were administered each version.

HFLANG: Language of household family questionnaire

This variable designates the language of conduct for the Family Questionnaire. Questionnaires were designed to be implemented in a bilingual (English/Spanish) format so that respondents could be

interviewed in their preferred language. When it was necessary to conduct an interview in another language, a translator assisted the interviewer in administering the questionnaires. These interviews were coded as "Other".

#### Individual Characteristics

HFA6XCR: In what state or foreign country was -- born?

This recoded variable derived from question A6 in the Household Family Questionnaire. Place of birth was regrouped into three broad categories in order to maintain confidentiality of the survey participant.

HFA8R: What is the highest grade or year of regular school -- has completed?

This recoded variable was created from two separate questions A7 and A8. Question A7 asked "What is the highest grade/year of regular school -- has ever attended?" Question A8 asked "Did you finish that grade/year?"

HFB1-HFB17: Health insurance coverage questions

Three versions of the health insurance questions were asked during the survey. The major difference was the time frame referenced for recall (e.g. "now" versus "in the last month"). Some questions had slight variations in the wording across versions; others may have been omitted from one version but added in another. When differences in versions were slight, the variable was created for the full survey time period. When differences were significant, version-specific variables were maintained. The variable HFVERS can be used to identify version. Separate notes are provided to show differences by version. Because of many changes for this section of questions, data may not be available for all survey participants

HFB1: Medicare coverage of all SPs in the family

This question differed in the time frame referenced for recall. Versions 1 and 2 read, "Is anyone in the family NOW covered by Medicare?" Versions 3 and 4 read "DURING THE LAST MONTH was anyone in the family covered by Medicare?"

HFB2: Medicare coverage of specific family members

This question differed in the time frame referenced for recall. Versions 1 and 2 read, "Is -- NOW covered by Medicare?" Versions 3 and 4 read, "DURING THE LAST MONTH was -- covered by Medicare?"

HFB4: Medicare coverage for hospital bills

This question refers to specific coverage for hospital bills. The versions differed in the time frame referenced for recall. Versions 1 and 2 read, "Is -- NOW covered by the part of Medicare that pays for hospital bills?"

Versions 3 and 4 read, "DURING THE LAST MONTH was -- covered by the part of Medicare that pays for hospital bills?"

HFB5: Medicare coverage for doctor bills

Medicare has an optional feature that requires additional funds and helps to pay for doctor bills. The different versions varied in the time frame referenced for recall. Versions 1 and 2 read, "Does --'s Medicare pay for doctor's bills?" Versions 3 and 4 read, "DURING THE LAST MONTH was -- covered by the part of Medicare that pays for doctor's bills?"

HFB6: Medicaid coverage of any SPs in the family

This question refers to the national program called Medicaid which pays for health care for persons in need. The different versions varied in the time frame referenced for recall. Versions 1 and 2 read, "DURING THE PAST 12 MONTHS was anyone in the family covered by Medicaid?" Versions 3 and 4 read, "DURING THE LAST MONTH was anyone in the family covered by Medicaid?"

HFB7: Medicaid coverage for specific persons in the family

This question differs by version in the time frame referenced for recall. Versions 1 and 2 read, "At any time DURING THE LAST 12 MONTHS was -- covered by Medicaid?" Versions 3 and 4 read, "DURING THE LAST MONTH was -- covered by Medicaid?"

HFB8: Coverage by CHAMPUS, CHAMPVA, the VA, or military health care of any SPs in the family

This question was not asked on Version 1 of the questionnaire, and had time frame variations between Versions 2 and 3 and 4. Version 2 reads, "DURING THE PAST 12 MONTHS was anyone in the family covered by CHAMPUS/CHAMPVA, the VA or military health care?" Versions 3 and 4 read, "DURING THE LAST MONTH was anyone in the family covered by CHAMPUS/CHAMPVA, the VA or military health care?"

HFB9: Coverage by CHAMPUS, CHAMPVA, the VA, or military health care of specific persons in the family

This question was not asked on Version 1, and had time frame variations between Versions 2 and 3 and 4. Version 2 reads, "DURING THE PAST 12 MONTHS was -- covered by CHAMPUS/CHAMPVA, the VA or military health care?" Version 3 and 4 read, "DURING THE LAST MONTH was -- covered by CHAMPUS/CHAMPVA, the VA or military health care?"

HFB10: Coverage by health insurance plans obtained privately or through an employer or union for any SPs in the family

This question changed in wording, and in time frame between all versions of the questionnaire. For Versions 1 and 2, the frame of

reference was NOW. For Versions 3 and 4, the frame of reference was DURING THE LAST MONTH. For Versions 1 and 3 and 4 the introductory statement read, "We are interested in all kinds of health insurance plans except those that pay only for accidents." The Version 2 introductory statement read, "We are interested in all kinds of private health insurance except those that pay only for accidents."

Version 1 of the question read, "(Not counting Medicare) is anyone in the family NOW covered by a health insurance plan that pays any part of a hospital, doctor's, or surgeon's bill?" Version 2 of the question reads, "(Not counting Medicare, Medicaid, or Veteran's payments) is anyone in the family NOW covered by a health insurance plan obtained privately or through a current or former employer or union that pays any part of a hospital, doctor's, or surgeon's bill?" Versions 3 and 4 of the question read, "(Not counting Medicare, Medicaid, or Veteran's payments) DURING THE LAST MONTH was anyone in the family covered by a health insurance plan obtained privately or through a current or former employer or union that pays any part of a hospital stay or routine doctor's care? Include membership in a health maintenance organization."

HFB11 and HFB11A-HFB11E: Coverage by health insurance plans obtained privately or through an employer or union for specific family members

Questions HFB11A-HFB11E follow from the lead-in question HFB11. The time frame for all of the questions is dependent upon the version of the lead-in question. Version 1 read, "Is -- NOW covered by a health insurance plan?" Version 2 read, "Is -- covered by a health insurance plan?" Versions 3 and 4 read, "During the LAST MONTH was -- covered by a health insurance plan obtained privately or through an employer or union?" Many of the questions that follow are version-specific, as noted.

HFB11B: Coverage of routine doctor's care from health insurance plans obtained privately or through an employer or union

This question was asked only on Versions 3 and 4 of the questionnaire.

HFB11C: Dental care coverage of health insurance plans obtained privately or through an employer or union

This question was not asked in Version 1 of the questionnaire.

HFB11D: Insurance plan from former employer or union rather than obtained privately

This question was asked only on Version 3 of the questionnaire.

HFB11E: Coverage of doctor's or surgeon's bills for operations from health insurance plans obtained privately or through an employer or union



This question was asked only on Versions 1 and 2.

HFB12: Has --- ever been refused health insurance or limited in the kind of insurance coverage

This question was asked only on Versions 3 and 4 of the questionnaire.

HFB14AA-HFB14BI: Reasons for not having health insurance

The response categories for this question differed significantly by version and were therefore all included. A respondent could give multiple responses for this question. HFB14AA and HFB14AH were possible responses in Version 1. HFB14BA-HFB14BI were possible responses in Version 2.

HFB16A and HFB16B: Main reason -- not covered by health insurance

These were retained as separate variables because the response categories for the question differed significantly by Version. Categories for question 16A were included in Versions 1 and 2. Categories for question 16B were included in Versions 3 and 4.

HFB17: Health insurance that pays any part of dental care

This was asked only on Version 1 of the questionnaire. The question for variable HFB11C (Versions 2,3 and 4) also dealt with dental care coverage, though had different criteria in its lead-in question.

HFC2S: How much (does --'s mother/do you) weigh? (pounds)

This variable was created from question C2 to standardize responses to pounds. For responses in kilograms the conversion factor 2.2046 kilograms/pound.

HFC3S: How tall (is --'s mother/are you)? (inches)

This variable was created from question C3 to standardize responses to inches. For responses in centimeters, the conversion factor was 0.3937 centimeters/inch.

HFC4S: How much (does --'s father/do you) weigh? (pounds)

This variable was created from question C4 to standardize responses to pounds. For responses in kilograms the conversion factor 2.2046 kilograms/pound.

HFC5S: How tall (is --'s father/are you)? (inches)

This variable was created from question C3 to standardize responses to

inches. For responses in centimeters, the conversion factor was 0.3937 centimeters/inch.

HFC7S: How long has -- lived at this address? (weeks)

This standardized variable was created from the two-part question (quantity and unit) C7 using the conversion factors 4.3 weeks/month and 52 weeks/year. If the response was "whole life", then the time was converted to weeks based on age at interview (HSAGEIR and HSAGEU).

HFC8S: How long has -- lived in this (city/town/area)? (weeks)

This variable was created from the two part question (quantity and unit) C8 using the conversion factors 4.3 weeks/month and 52 weeks/year. If the response was "whole life", then the time was converted to weeks based on age at interview (HSAGEIR and HSAGEU).

HFD1, HFD9R, HFD10R, HFD12: Questions on occupation of the Family Reference Person (FRP)

These questions were asked about the occupation of FRPs only if they were not sample persons. FRPs who were also sample persons responded to questions on occupation in the Household Adult Questionnaire (HAS1-HAS29).

For additional information on the FRP from the Family Questionnaire, see variables that begin with the prefix HSH.

HFD9R: Business or industry of Family Reference Person

Classification of business or industry based on categories defined by the U.S. Bureau of Census in 1980 (U.S. Bureau of the Census, 1981).

HFD10R: Occupation of Family Reference Person

Classification of occupation based on categories defined by the U.S. Bureau of Census in 1980 (U.S. Bureau of the Census, 1981).

HFD12: Class of worker Family Reference Person (FRP)

The category armed forces was added in Versions 3 and 4. In the earlier version, armed force status can be ascertained from HFD9. In Versions 3 and 4, FRPs who were in active military service skipped out of the detailed occupational questions in this section.

HFE1: Year house was built

A small number of sample persons were unable to answer this question because they reported living in mobile homes. Since there was not category for this response, they were included as blank but applicable.

HFF2R: Total number of persons who smoke cigarettes in the home

This total was derived by counting the number of persons recorded as smoking in the home (questions F1 and F2).

HFF4-HFF8: Food Insufficiency

The intent of these questions was to capture insufficient food availability at the family level due to lack of money and/or other resources as answered by the respondent to the Family Questionnaire. Related questions answered by individuals or their proxies were asked following the 24-hour dietary recall in the MEC (See NHANES III Dietary Data File).

HFF6: Reasons for no food or money to buy food

More than one response could be answered yes for question F6. Textual responses to this question were reviewed and coded into existing categories HFF6A-HFF6C where possible. Remaining responses which could not be coded back into existing questions, such as health reasons, are included in HFF6D as "Other."

HFF7 and HFF8: Size of meals cut

Questions F7 and F8 were asked only in Versions 3 and 4. The variable HFVERS can be used to select only those records for sample persons who were asked these questions. The purpose of the questions was to ascertain information on cutting back or skipping meals as a coping strategy for not having enough food in the family.

HFF9: WIC participation in family

WIC is the Special Supplemental Food Program for Women, Infants, and Children administered by the U.S. Department of Agriculture. Question F9 was asked also of individuals or their proxies during the interviews that took place in the MEC and home examinations. (See NHANES III Examination Data File)

HFF10 and HFF11: Food Stamp Program participation in family

Food stamps refers to the Food Stamp Program administered by the U.S. Department of Agriculture.

HFF12A-HFF17B: Types of family income

Questions F12 through F17 were structured similarly. The first part of the question asked whether any family member received a certain type of income.

The second part of the question indicated the recording of the line number(s) for the person(s) who received the income. Because the line

number from the Household Screener Composition Table will not be released, the second part of the question will contain only the response for the specific sample person to which a record refers.

**HFF13A: Social Security or Railroad Retirement payments in family**

The time frame as well as the wording changed in this question. In Versions 1 and 2, the frame of reference was THE PAST 12 MONTHS. In Versions 3 and 4, the frame of reference was the LAST MONTH. Versions 1 and 2 read "DURING THE PAST 12 MONTHS did any member of the family receive any Social Security payments?" Version 3 and 4 read "DURING THE LAST MONTH did anyone in the family receive any Social Security or Railroad Retirement payments?"

**HFF13DA-HFF13DB: Reason for receiving Social Security or Railroad Retirement payments**

The response categories for question F13d changed significantly between Versions 1 and 2 and Versions 3 and 4 so that the question was retained by version.

**HFF13E: Another reason for receiving Social Security payments**

In Versions 1 and 2, respondents were asked to state another reason that they were receiving Social Security.

**HFF14A: Supplemental Security Income payments in family**

The time frame changed in this question. In Versions 1 and 2, the frame of reference was THE PAST 12 MONTHS. In Versions 3 and 4, the frame of reference was the LAST MONTH. Versions 1 and 2 read "DURING THE PAST 12 MONTHS did anyone in the family receive SSI (Supplemental Security Income) payments from the U.S./Federal government?" Version 3 and 4 read "DURING THE LAST MONTH did anyone in the family receive SSI (Supplemental Security Income) payments from the Federal government?"

**HFF14B: Supplemental Security Income payments to SP**

The time frame changed in this question. In Versions 1 and 2 the frame of reference was THE PAST 4 MONTHS. In Version 3 and 4 the frame of reference was THE LAST MONTH. Versions 1 and 2 read "DURING THE PAST 4 MONTHS, did -- receive SSI payments from the U.S./Federal government?" Version 3 and 4 reads "DURING THE LAST MONTH, did -- receive SSI payments from the Federal government?"

**HFF14D: Supplemental Security Income payments from State or local welfare office**

Question F14d was asked only in Versions 1 and 2 of the questionnaire. The variable HFVERS should be used to select only those records for sample persons who were asked this question.

HFF15A-HFF16B: Pension or disability payments- Public assistance or welfare payments

Questions F15a-F16b were asked only in Version 3 and 4. The variable HFVERS should be used to select only those records for sample persons who were asked this question.

HFF16D-HFF16E: Aid to Families with Dependent Children payments

Questions F16d and F16e were asked only in Versions 2 and 3 of the questionnaire. The time frame was modified between the last two versions. For question F16d, Version 2 read "Does anyone in the family NOW receive assistance through the "Aid to Families with Dependent Children" Program, sometimes called "AFDC" or "ADC?" Version 3 and 4 read "DURING THE LAST MONTH did anyone in the family receive "Aid to Families with Dependent Children", sometimes called AFDC or ADC?" For question F16e, Version 2 read "Is -- included in the AFDC assistance payment?" Version 3 and 4 read "DURING THE LAST MONTH, did -- receive "Aid to Families with Dependent Children," sometimes called AFDC or ADC?"

HFF17A-HFF17B: Income from any other source

These questions were asked only in Version 3. The variable HFVERS should be used to select only those records for sample persons who were asked these questions.

HFF19R: Family income during last 12 months

The response categories were changed between Versions 1 and 2 and Version 3 and 4 of the questionnaire. In Versions 1 and 2, the response categories for question F19 ended with the category "\$50,000 and over" (coded 27) In Version 3 and 4, the categories were expanded to include four that were over \$50,000.

27	\$50,000-\$59,000
28	\$60,000-\$69,000
29	\$70,000-\$79,000
30	\$80,000 and over

Variable HFF19R is a recoded variable based on response categories for Versions 1 and 2. For comparability, responses to categories over \$50,000 in Versions 3 and 4 were collapsed back into the single category "\$50,000 and over."

HFF20R: Family income during last month

Respondents were allowed to indicate that their family income during the last month was the annual income reported in question F19 divided by 12. For these responses, the monthly income was imputed by dividing the midpoint of the range selected in question F19 by 12.

The response categories were changed between Versions 1 and 2 d Version 3 of the questionnaire. In Versions 1 and 2, the response categories for question F20 ended with the category "4,000 and over" (coded 20) In Version 3 and 4, the categories were expanded to include:

20	\$4,000-\$4,999
21	\$5,000-\$5,999
22	\$6,000-\$6,999
23	\$7,000 and over

Variable HFF20R is a recoded variable created using the response categories for Versions 1 and 2. For comparability, responses in Versions 3 and 4 to the expanded categories were collapsed back into the single category "\$4,000 and over."

#### Family Reference Person

HFHSEQN: Sequence number for Family Reference Person (FRP)

This variable is the unique identifier for the family reference person (FRP). The FRP was designated during the Screener interview as the person 17 years of age or older who owned or rented the dwelling unit. If no one owned or rented the unit, then the family reference was the first family member mentioned by the Screener respondent who was 17 years of age. The FRP was established in order to arrange household members into family units. In earlier NHANES and in parts of the NHANES III interview questionnaires, the FRP was referred to as "the head of the household." (For more details, see the chapter on "Administering the Interview" in the NHANES III Interviewer's Manual, U.S DHHS, 1996.)

HFHAGER: Age of the Family Reference Person (FRP)

Question A3 of the Family questionnaire asked the age (transcribed from the Screener) of the FRP and of each sample person. See HSAGEIR and HSAGEU for the age at interview (Screener Interview) of sample persons.

HFHSEX: Sex of the Family Reference Person (FRP)

Question A4 of the Family questionnaire asked the sex of the FRP and of each sample person. See HSSEX for the sex of sample persons.

HFHFIPR: Place of birth Family Reference Person (FRP)

This recoded variable was derived from question A6 in the Household Family Questionnaire. Place of birth was regrouped into three broad categories in order to maintain confidentiality of the survey participant. See HFA6XCR

HFHEDUCR: Highest grade completed Family Reference Person (FRP)

This recoded variable was created from two separate questions A7 and A8 in the Family questionnaire. These questions were asked of all sample persons as well as of the FRP. Question A7 asked "What is the highest grade/year of regular school -- has ever attended?" Question A8 asked "Did you finish that grade/year?" Persons who did not complete the grade answered in A7, were coded to having completed one previous grade. See HFA8R for completed years of education for sample persons.

**HFHEMPL: Employment status of Family Reference Person (FRP)**

This derived variable combines responses from questions D2 and D3 of the Family questionnaire for FRPs who were not sample persons, and from questions S1 and S2 of the Household Adult questionnaire for FRPs who were also sample persons. For more detail on the occupation of the FRP see: variables HFD1, HFD9R, HFD10R and HFD12.

**HFHMRST: Marital status of Family Reference Person (FRP)**

Question A12 asked the marital status of the FRP and the sample person. See HFA12 for the marital status of sample persons.

**HFHMLSV: Military service of Family Reference Person (FRP)**

Question A13 of the Family questionnaire asked whether the FRP or the sample person ever served in the Armed Forces. Persons who were serving in the military at the time of the interview, but living at home, were permitted to be only Family Reference Persons, not sample persons. See HFA13 for the military service of sample persons.

**HFRELRL: Relationship of respondent to the Family Reference person**

No other information, except for age (HFAGERR), is available on respondents to the Family Questionnaire who were not sample persons or family reference persons.

**HFAGERR: Age of respondent**

Ages of 90 years or greater were recoded into a single category of 90+ years to help protect the confidentiality of survey participants.

**Household Youth Questionnaire**

**HYA7S: Weight at birth**

This variable was created from the original question A7 using the conversion factor 28.349 grams/ounce (0.03527 ounces/gram) and 16 ounces/pound (0.00220 pounds/kilogram).

**HYA9R: Approximate weight at birth**

This variable is created by combining responses to questions HYA7S, HYA8 and HYA9. The exact birth weights reported in HYA7S were categorized into the 3 categories: less than 2500 grams, 2500 grams through 4100 grams, and more than 4100 grams. The responses to HYA8 and HYA9 were used when the respondent did not know the exact birth weight. If the response in A8 was less than 2500 grams it was coded as 1 in HYA9R. If the response was more than 2500 grams in A8 and less than 4100 grams in A9, then it was coded as 2 in HYA9R. If the response was more than 2500 grams in A8 and more than 4100 grams in A9 then it was coded as 3 in HYA9R.

**HYB3S: First fed something other than breastmilk or water**

This question was only asked in Phase 2 of the survey. It is important to note that although the skip pattern for HYB2 indicates that all persons who answered "yes" were then asked HYB3S, this is only true for persons interviewed in Phase 2. The variable was created from the two part question (number and unit) B3 using the conversion factors 7 days/week and 30.4 days/month.

**HYB4S: First fed formula on a daily basis**

This variable was created from the two part question (number and unit) B4 using the conversion factors 7 days/week and 30.4 days/month.

**HYB5S: Completely stopped breast-feeding**

This variable was created from the two part question (number and unit) B5 using the conversion factors 7 days/week and 30.4 days/month.

**HYB6S: First fed formula on a daily basis**

This variable was created from the two part question (number and unit) B6 using the conversion factors 7 days/week and 30.4 days/month.

**HYB7S: Completely stopped drinking formula**

This variable was created from the two part question (number and unit) B7 using the conversion factors 7 days/week and 30.4 days/month.

**HYB8S: First fed milk on a daily basis**

This variable was created from the two part question (number and unit) B8 using the conversion factors 7 days/week and 30.4 days/month.

**HYB10S: Started eating solid food on a daily basis**

This variable was created from the two part question (number and unit) B10



using the conversion factors 7 days/week and 30.4 days/month.

HYB12S: Stopped using a baby bottle

This variable was created from the two part question (number and unit) B12 using the conversion factor 12 months/year.

HYB18S: Reported height without shoes

This variable was created from the original question B18 using the conversion factor 0.3937 inches/per centimeter. For persons 12-16 years, this question was asked during the body measurements exam in the Mobile Examination Center. Refer to the documentation for the NHANES III Examination Data File, body measurements component, for these data.

HYB19S: Reported weight without clothes

This variable was created from the original question B19 using the conversion factor 2.2046 pounds/kilogram. For persons 12-16 years, this question was asked during the body measurements exam in the Mobile Examination Center. Refer to the documentation for the NHANES III Examination Data file, body measurements component, for these data.

HYC1-HYC50: Motor & Social Development

These questions were adapted from the Denver Developmental Screening Test (Frankenbury, 1985).

HYC2: Age check item for questions on motor and social development

In Phase 1 the age in months at Screener interview (HSAITMOR) was used to determine the check item response for this section of questions. In Phase 2 the age in months at time of the household youth interview (HYAITMO) was used. These ages may or may not be different for all sample persons.

HYD12S: Number of months since health problem first noted

This variable was created from the two part question (number and unit) D12 using the conversion factor 12 months/year.

HYE2AS: Age in months first had rheumatic fever/rheumatic heart disease

This variable was created from the two part question (number and unit) E2A using the conversion factor 12 months/year.

HYE2BS: Age in months first had epilepsy/fit/convulsion

This variable was created from the two part question (number and unit) E2B

using the conversion factor 12 months/year.

HYE2ES: Age in months first had muscle weakness or paralysis of the arms

This variable was created from the two part question (number and unit) E2E using the conversion factor 12 months/year.

HYE2FS: Age in months first had muscle weakness or paralysis of the legs

This variable was created from the two part question (number and unit) E2F using the conversion factor 12 months/year.

HYE2GS: Age in months first had asthma

This variable was created from the two part question (number and unit) E2G using the conversion factor 12 months/year.

HYE2HS: Age in months first had chronic bronchitis

This variable was created from the two part question (number and unit) E2H using the conversion factor 12 months/year.

HYE2IS: Age in months first had hayfever

This variable was created from the two part question (number and unit) E2I using the conversion factor 12 months/year.

HYE7AS: Age in months first had hypertension or high blood pressure

This variable was created from the two part question (number and unit) E7A using the conversion factor 12 months/year.

HYE7BS: Age in months first had high blood cholesterol

This standardized variable was created from the two part question (number and unit) E7B using the conversion factor 12 months/year.

HYE17S: Number of months last tested

This standardized variable was created from the two part question (number and unit) E17 using the conversion factor 12 months/year.

HYE20S: Number of months last treated

This standardized variable was created from the two part question (number and unit) E20 using the conversion factor 12 months/year.

HYE23S: Number of months last DPT or tetanus shot

This standardized variable was created from the two part question (number and unit) E23 using the conversion factor 12 months/year.

HYF4S: Number of days since --'s last visit to a dentist or dental hygienist

This variable was created from the two part question (number and unit) F4 using the conversion factors 7 days/week, 4.3 weeks/month, and 52 weeks/year.

HYH7S: Age in months when had first ear infection or earache

This variable was created from the two-part question (quantity and unit) H7 using the conversion factor 12 months/year.

HYJ3S: Number of months -- attended this kind of center or school

This variable was created from the two part question (number and unit) J3 using the conversion factor 12 months/year.

HYK1A: Has -- taken any vitamins or minerals in the past month?

This was the lead-in question for a series of questions on vitamins and minerals. If the response to this question was yes, the respondent or proxy was asked the number of supplements they took. For each supplement taken the respondent was asked about how often the supplement was taken, the dosage, and duration of use. The user should be aware, however, that there were respondents who reported taking supplements, but did not answer some or all of the remaining questions about the supplements. Although this lead-in question was designed to determine whether the respondent was using any vitamin or mineral supplements, respondents often reported taking other types of dietary supplements such as formula diets, sports drinks, herbs, plants and similar products, amino acids, bee pollen, lipotropics, fish oils, and enzymes. This information was retained along with the vitamin/mineral supplements. However, since the question did not ask specifically about the use of other nonvitamin/nonmineral dietary supplements, the frequency with which these products were reported should not be considered to be nationally representative. It should also be noted that all of the information from the section does not appear in this data file; additional variables including supplement formulations will be released as a separate data file.

HYK1B: Has -- taken or used any prescription medicines in the past month?

This was the lead-in question for a series of questions on prescription medicines. If the response to this question was yes, the respondent or proxy was asked the number of prescription medicines they took. For each prescription medicine taken the respondent was asked to describe the health problem for which they took the medicine, and how long they had been taking

the medicine. The user should be aware, however, that there were respondents who reported taking prescription medicines, but were only able to answer some of the remaining prescription drug questions. Prescribed vitamin or mineral supplements (e.g., fluoride, iron, and prenatal vitamins) originally reported as prescription drugs were moved to the vitamin/mineral section. These could, in fact, be considered either a drug or a supplement such as calcium-based antacid, calcitrol, and potassium. It should also be noted that all of the information from the section does not appear in this data file; additional variables including drug formulations will be released as a separate data file.

**HYK2A: Number of vitamins/mineral supplements reported**

This variable represents the total number of different supplements reported by the respondent or proxy. For each supplement reported, the interviewer asked to see the supplement container in order to record the name of the product and the manufacturer. If the container was not available, the interviewer probed for this information. Supplements that appear to be identical or duplications of another reported product are usually different forms (e.g., tablet vs. liquid) of the same product.

**HYK2B: Number of prescription drugs reported**

This variable represents the total number of different prescription medicines reported by the respondent or proxy. For each medication reported, the interviewer asked to see the medication container in order to record the name of the product. If the container was not available, the interviewer probed for this information. Reports of non-prescription drug use, such as antacids, were deleted. However, calcium-containing antacids were moved to the vitamin/mineral supplements section. Medicines that appear to be identical or duplications of another reported product are usually different forms (e.g., tablet vs. liquid) of the same product.

**HYK3CG, HYK3CH, HYK3CI, HYK3CJ, HYK3CK, HYK3CL, HYK3CM, HYK3CN, HYK3CO, HYK3CP:**

**Certainty index codes**

A certainty index was derived as a means of evaluating how closely the reported name of a dietary supplement matched a standard or brand name product which, in turn, was used for determining nutrient intakes. Each reported dietary supplement was assigned a certainty code. The index consists of six levels ranging from the highest degree of certainty that the reported supplement was correctly identified (code=1) to no level the lowest degree of certainty (code=6) , i.e., no match could be made between the reported supplement and a standard supplement. More specifically, the code of 1 was used when the respondent provided enough information about the product that it exactly matched a specific brand name supplement. A code of 2 was applied when the product name was partially incomplete or misspelled, but generally identifiable. A code of 3 was used for cases where a single nutrient supplement, such as calcium, was reported without the concentration. A code of 4 was applied when a generic type of supplement was reported such as "children's chewable multivitamins" or "iron vitamins" when it was not possible to identify the specific brand

name or nutrient composition. A code of 5 was assigned to supplements that could not be readily identified although they were thought to be dietary supplements such as "Shaklee vitamins" or "Diamite nutritional". A code of 6 was used for products that could not be identified.

HYK3DG, HYK3DH, HYK3DI, HYK3DJ, HYK3DK, HYK3DL, HYK3DM, HYK3DN, HYK3DO, HYK3DP:  
Product class

Each reported dietary supplement was categorized into one of 7 broad product-type classes according to general nutrient composition. The first five classes (1-5) were assigned only to vitamin and/or mineral supplements. The remaining two classes (6 and 7) were assigned to other dietary supplements including amino acids, lipotropics, herbs, plants and other nontraditional dietary supplements. Dietary supplements that also contained a vitamin and/or a mineral (e.g., ginseng and bee pollen with vitamin E) were assigned to class 6, whereas those that did not include vitamins or minerals were assigned to class 7.

HYK6SG, HYK6SH, HYK6SI, HYK6SJ, HYK6SK, HYK6SL, HYK6SM, HYK6SN, HYK6SO, HYK6SP:

How often did -- take -- in the past month?

These variables were created for each reported dietary supplement from the two-part (number and unit) question K6, and indicate how frequently each supplement was taken in the past month. The conversion factors used for days and weeks were 30 and 4, respectively. While frequency of use was standardized to "month," new supplement users may have been taking the supplement for less a month at the time of the interview. Analysts, therefore, may want to examine duration (HYK8S variables) as well as frequency of use.

HYK8SG, HYK8SH, HYK8SI, HYK8SJ, HYK8SK, HYK8SL, HYK8SM, HYK8SN, HYK8SO, HYK8SP:

How long has -- been taking this product? (months)

This variable was created from the two-part (number and unit) question K8, and indicates the long-term duration of use. The conversion factor was 12 months/year. When supplements were reported as prescription drugs and then moved as part of the data editing process (see note for variable HK1A) much of the information was not directly transferable. For example, categories for duration of taking drugs (HYK12S variables) did not always match those listed for the corresponding question for vitamin/mineral supplements (HYK8S variables). Responses reported in weeks were rounded to the nearest month, whereas response in months and years were transferred directly.

HYK9DG, HYK9DH, HYK9DI, HYK9DJ, HYK9DK, HYK9DL, HYK9DM, HYK9DN, HYK9DO:  
Primary drug class code

Up to three drug class codes were assigned for each reported prescription medication. These 4-digit codes were supplied by the Product Information Branch, Center for Drug Evaluation and Research at the U.S. DDHS Food and

Drug Administration. The version of these codes that was used was last updated in October 1994. The primary drug class code assignment was based on the known drug action. For example, all cardiovascular drugs that were beta-adrenergic blocking agents were assigned the drug class code 0512 (beta blockers). See Appendix 2 for listing of codes.

HYK9EG, HYK9EH, HYK9EI, HYK9EJ, HYK9EK, HYK9EL, HYK9EM, HYK9EN, HYK9EO:  
Secondary drug class code

This variable contains the second drug class codes for each prescription drug reported. If medical condition for which the medication was used (as reported in question K11) was different than the known drug action, then a secondary drug class code was entered. For example, a cardiovascular drug that was a beta-adrenergic blocking agent was assigned the drug class code 0512 (beta blocker) as the primary drug code, and a secondary drug class of 0502 (antiarrhythmic). If the reason provided did not relate to any of the known actions of the drug, then only the medication-specific (primary) class code was assigned. See Appendix 2 for listing of codes.

HYK9FG, HYK9FH, HYK9FI, HYK9FJ, HYK9FK, HYK9FL, HYK9FM, HYK9FN, HYK9FO:  
Tertiary drug class code

This variable contains the tertiary drug class codes for each prescription drug reported. If medical condition for which the medication was used (as reported in question K11) was different than the primary drug class, then a secondary, and tertiary drug class code was entered. For example, a cardiovascular drug was assigned the drug class code 0512 (beta blocker) as the primary drug code, a secondary drug class code of 0502 (antiarrhythmics), and a tertiary code of 0506 (antihypertensives). If the reason provided did not relate to any of the actions of the drug, then only the medication-specific class code (primary) was assigned. See Appendix 2 for listing of codes.

HYK11AG, HYK11AH, HYK11AI, HYK11AJ, HYK11AK, HYK11AL, HYK11AM, HYK11AN, HYK11AO:

ICD-9-CM code

ICD-9-CM codes were used to classify the medical conditions reported in question K11 for each prescription drug reported. Conditions were coded to the fourth digit ICD-9-CM level of specificity except in those cases where the three digit ICD-9-CM code is the highest level of specificity. Some conditions where no appropriate code was available in the Classification of Diseases and Injuries ICD-9-CM codes, were coded using V Codes - Supplementary Classification of factors Influencing Health Status and Contact with Health Services. See Appendix 3 for listing of codes.

HYK12SG, HYK12SH, HYK12SI, HYK12SJ, HYK12SK, HYK12SL, HYK12SM, HYK12SN, HYK12SO:

For how long have -- been taking this medicine? (days)

This variable was created from the two-part (number and unit) question K12 (standardized in days). The conversion factors for weeks, months, and

years were 7, 30, and 365, respectively. For medicines originally reported as supplements and moved in the data editing process, duration of use could not always be directly transferred. The categories for duration of supplement use in question K8 did not match those listed for the corresponding question under prescription medicines (K12). A response of "less than one month" in K8 was changed to blank but applicable (8-fills) in K12 for medicines that were originally recorded as supplements.

#### HYM3: Quality of interview

Interviewers determined whether or not the one or more sections of the Household Youth Interview was possibly unreliable. This determination was subjective and based on a number of factors including the relationship of the respondent (proxy) to the sample person (HYM1), mental competency of the respondent (proxy), etc. Because there was no record of the sections that were possibly unreliable, all interviews were retained.

#### Appendix 1

DMPFIPSR	State	DMPCNTYR	County
4	Arizona	13	Maricopa
6	California	1	Alameda
6	California	19	Fresno
6	California	37	Los Angeles
6	California	59	Orange
6	California	71	San Bernardino
6	California	73	San Diego
6	California	85	Santa Clara
6	California	111	Ventura
12	Florida	25	Dade
12	Florida	31	Duval
12	Florida	99	Palm Beach
17	Illinois	31	Cook
25	Massachusetts	17	Middlesex
26	Michigan	125	Oakland
26	Michigan	163	Wayne
29	Missouri	189	St Louis
36	New York	29	Erie
36	New York	47	Kings
36	New York	59	Nassau
36	New York	61	New York
36	New York	81	Queens
36	New York	119	Westchester
39	Ohio	35	Cuyahoga
39	Ohio	61	Hamilton
42	Pennsylvania	3	Allegheny
42	Pennsylvania	45	Delaware
42	Pennsylvania	101	Philadelphia
44	Rhode Island	7	Providence
48	Texas	29	Bexar
48	Texas	113	Dallas
48	Texas	141	El Paso
48	Texas	201	Harris

48	Texas	439	Tarrant
53	Washington	33	King

## Appendix 2

CODE	DRUG CLASS DESCRIPTION
0100	ANESTHETICS
0117	ANESTHETICS, LOCAL
0118	ANESTHETICS, GENERAL
0119	ANESTHESIA, ADJUNCTS TO/ANALEPTICS
0120	MEDICINAL GASES
0121	ANESTHETICS, TOPICAL
0122	ANESTHETICS, OPHTHALMIC
0123	ANESTHETICS, RECTAL
0200	ANTIDOTES
0281	ANTIDOTES, SPECIFIC
0283	ANTIDOTES, GENERAL
0285	ANTITOXINS/ANTIVENINS
0286	ANAPHYLAXIS TREATMENT KIT
0300	ANTIMICROBIALS
0346	PENICILLINS
0347	CEPHALOSPORINS
0348	LINCOSAMIDES/MACROLIDES
0349	POLYMYXINS
0350	TETRACYCLINE
0351	CHLORAMPHENICOL/DERIVATIVES
0352	AMINOGLYCOSIDES
0353	SULFONAMIDES/RELATED COMPOUNDS
0354	ANTISEPTICS, URINARY TRACT
0355	ANTIBACTERIALS, MISCELLANEOUS
0356	ANTIMYCOBACTERIALS (INCL ANTI LEPROSY)
0357	QUINOLONES/DERIVATIVES
0358	ANTIFUNGALS
0388	ANTIVIRALS
0400	HEMATOLOGICS
0408	DEFICIENCY ANEMIAS
0409	ANTICOAGULANTS/THROMBOLYTICS
0410	BLOOD COMPONENTS/SUBSTITUTES
0411	HEMOSTATICS
0500	CARDIOVASCULAR-RENAL
0501	CARDIAC GLYCOSIDES
0502	ANTIARRHYTHMICS
0503	ANTIANGINALS
0504	VASCULAR DISORDERS, CEREBRAL/PERIPHERAL
0505	HYPOTENSION/SHOCK
0506	ANTIHYPERTENSIVES
0507	DIURETICS
0508	CORONARY VASODILATORS
0509	RELAXANTS/STIMULANTS, URINARY TRACT
0510	CALCIUM CHANNEL BLOCKERS
0511	CARBONIC ANHYDRASE INHIBITORS
0512	BETA BLOCKERS
0513	ALPHA AGONISTS/ALPHA BLOCKERS
0514	ACE INHIBITORS



0600                    CENTRAL NERVOUS SYSTEM

Appendix 2 continued

CODE	DRUG CLASS DESCRIPTION
0626	SEDATIVES/HYPNOTICS
0627	ANTIANKXIETY
0628	ANTIPSYCHOTICS/ANTIMANICS
0630	ANTIDEPRESSANTS
0631	ANOREXIANTS/CNS STIMULANTS
0632	CNS, MISCELLANEOUS
0633	ALZHEIMER-TYPE DEMENTIA
0634	SLEEP AID PRODUCTS, PRIMARY OTC
0635	ANTIEMETICS
0700	CONTRAST MEDIA/ RADIOPHARMACEUTICALS
0789	DIAGNOSTICS, RADIOPAQUE & NONRADIOACTIVE
0790	DIAGNOSTICS RADIOPHARMACEUTICALS
0791	THERAPEUTICS RADIOPHARMACEUTICALS
0792	DIAGNOSTICS-MISC.
0800	GASTROINTESTINALS
0874	DISORDERS, ACID/PEPTIC
0875	ANTIDIARRHEALS
0876	LAXATIVES
0877	GASTROINTESTINAL, MISCELLANEOUS
0878	ANTISPASMODICS/ANTICHOLINERGICS
0879	ANTACIDS
0900	METABOLICS/NUTRIENTS
0912	HYPERLIPIDEMIA
0913	VITAMINS/MINERALS
0914	NUTRITION, ENTERAL/PARENTERAL
0915	REPL/REGS OF ELECTROLYTES/WATER BALANCE
0916	CALCIUM METABOLISM
0917	HEMATOPOIETICS
1000	HORMONES/HORMONAL MECHANISMS
1032	ADRENAL CORTICOSTEROIDS
1033	ADROGENS/ANABOLIC STEROIDS
1034	ESTROGENS/PROGESTINS
1035	ANTERIOR PITUITARY/HYPOTHALMIC FUNCTION
1036	BLOOD GLUCOSE REGULATORS
1037	THYROID/ANTITHYROID
1038	ANTIDIURETICS
1039	RELAXANTS/STIMULANTS, UTERINE
1040	CONTRACEPTIVES
1041	INFERTILITY
1042	DISORDERS OF GROWTH HORMONE SECRETION
1100	IMMUNOLOGICS
1180	VACCINES/ANTISERA
1181	IMMUNOMODULATORS
1182	ALLERGENIC EXTRACTS
1183	IMMUNE SERUMS (INCLUDES IMMUNE GLOBULINS)
1200	SKIN/MUCOUS MEMBRANES
1264	ANTISEPTICS/DISINFECTANTS
1265	DERMATOLOGICS
1266	KERATOLYTICS

Appendix 2 continued

CODE	DRUG CLASS DESCRIPTION
1267	ANTIPERSPIRANTS
1268	TOPICAL STEROIDS
1269	BURN/SUNBURN, SUNSCREEN
1270	ACNE PRODUCTS
1271	TOPICAL ANTI-INFECTIVES
1272	ANORECTAL PRODUCTS
1273	PERSONAL CARE PRODUCTS
1274	DERMATITIS/ANTIPURETICS
1275	TOPICAL ANALGESICS
1300	NEUROLOGICS
1371	EXTRAPYRAMIDAL MOVEMENT DISORDERS
1372	MYASTHENIA GRAVIS
1373	SKELETAL MUSCLE HYPERACTIVITY
1374	ANTICONVULSANTS
1400	ONCOLYTICS
1479	ANTINEOPLASTICS
1480	ANTINEOPLASTICS-HORMONAL/BIOLOGICAL RESPONSE
1481	ANTINEOPLASTICS-ANTIMETABOLITES
1482	ANTINEOPLASTIC AGENTS
1483	ANTINEOPLASTICS-DNA DAMAGING AGENTS
1500	OPHTHALMICS
1566	GLAUCOMA
1567	CYCOPLEGICS/MYDRIATICS
1568	OCULAR ANTI-INFECTIVE/ANTI-INFLAMMATORY
1569	OPHTHALMICS, MISCELLANEOUS
1570	OPHTHALMICS-DECONGESTANTS/ANTI-ALLERGY AGENTS
1571	CONTACT LENS PRODUCTS
1600	OTICS
1670	OTICS, TOPICAL
1671	VERTIGO/MOTION SICKNESS/VOMITING
1700	RELIEF OF PAIN
1720	ANALGESICS, GENERAL
1721	ANALGESICS, NARCOTIC
1722	ANALGESICS, NON-NARCOTIC
1723	ANTIMIGRAINE/OTHER MEADACHES
1724	ANTIARTHRITICS
1725	ANTIGOUT
1726	CENTRAL PAIN SYNDROMES
1727	NSAID-NONSTEROIDAL ANTI-INFLAMMATORY DRUGS
1728	ANTIPYRETICS
1729	MENSTRUAL PRODUCTS
1800	ANTIPARASITICS
1860	ANTIPROTOZOALS
1862	ANTHELMINTICS
1863	SCABICIDES/PEDICULICIDES
1864	ANTIMALARIALS
1900	RESPIRATORY TRACT
1940	ANTIASTHMATICS/BRONCODILATORS
1941	NASAL DECONGESTANTS

Appendix 2 continued

CODE	DRUG CLASS DESCRIPTION
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1943	ANTITUSSIVES/EXPECTORANTS/MUCOLTICS
1944	ANTIHIISTAMINES
1945	COLD REMEDIES
1946	LOZENGE PRODUCTS
1947	CORTICOSTEROIDS-INHALATION/NASAL
2000	OTHER
2087	QUESTION OF USE
2095	PHARMACEUTICAL AIDS
2096	SURGICAL AIDS
2097	DENTAL PREPARATIONS
2098	DENTRIFICE/DENTURE PRODUCTS
2099	MOUTH PAIN, COLD SORE, CANKER SORE PRODUCTS
2100	HOMEOPATHIC PRODUCTS
9900	NO CLASS ASSIGNED
9998	MULTIPLE USES OF DRUG

### Appendix 3

#### ICD-9-CM

Code	Description
=====	=====
V01.1	Contact with or exposure to tuberculosis
V07.31	Prophylactic fluoride administration
V07.9	Unspecified prophylactic measure
V15.0	Personal history of allergy, other than medicinal agents
V25.9	Encounter for unspecified contraceptive management
V26.2	Procreative management, investigation and testing
V40.9	Unspecified mental or behavioral problem
003.9	Salmonella infection, unspecified
005.9	Food poisoning, unspecified
008.8	Enteritis due to other organism, not elsewhere classified
011.9	Pulmonary tuberculosis, unspecified
033.9	Whooping cough, unspecified organism
034.0	Streptococcal sore throat
034.1	Scarlet fever
038.9	Unspecified septicemia
041.0	Streptococcus, unspecified bacterial infection
041.1	Staphylococcus bacterial infection, unspecified
052.9	Varicella without mention of complication
053.9	Herpes zoster without mention of complication
054.9	Herpes simplex without mention of complication
075	Infectious mononucleosis
078.1	Viral warts, unspecified
079.9	Unspecified viral and chlamydial infections
110.0	Dermatophytosis of scalp and beard
110.9	Dermatophytosis of unspecified site
112.0	Candidiasis of mouth
112.9	Candidiasis of unspecified site
117.9	Other and unspecified mycoses
126.9	Ancylostomiasis and necatoriasis, unspecified
127.4	Enterobiasis
128.9	Helminth infection, unspecified
133.0	Scabies
136.9	Unspecified infectious and parasitic diseases
244.9	Unspecified hypothyroidism
246.9	Unspecified disorder of thyroid
250.0	Diabetes mellitus without mention of complication, type II

253.9	Unspecified disorders of pituitary gland
276.6	Fluid overload
276.9	Electrolyte and fluid disorders not elsewhere classified
277.0	Cystic fibrosis without mention of meconium ileus
279.2	Combined immunity deficiency
282.6	Sickle-cell anemia, unspecified
285.9	Anemia, unspecified
286.9	Other and unspecified coagulation defects
300.0	Anxiety state, unspecified
300.9	Unspecified neurotic disorder
307.23	Gilles de la Tourette's disorder

Appendix 3 continued

ICD-9-CM

Code	Description
=====	=====
311	Depressive disorder, not elsewhere classified
312.9	Unspecified disturbance of conduct
314.0	Attention deficit disorder without mention of hyperactivity
314.9	Unspecified hyperkinetic syndrome
322.9	Meningitis, unspecified
345.9	Epilepsy, unspecified without mention of intractable epilepsy
346.9	Migraine, unspecified without mention of intractable migraine
360.0	Purulent endophthalmitis, unspecified
372.3	Conjunctivitis, unspecified
373.11	Hordeolum externum
375.9	Unspecified disorder of lacrimal system
379.9	Disorder of eye, unspecified
380.12	Acute swimmers' ear
380.9	Unspecified disorder of external ear
382.9	Unspecified otitis media
386.3	Labyrinthitis, unspecified
388.7	Otalgia, unspecified
388.8	Other disorders of ear
388.9	Unspecified disorder of ear
391.9	Acute rheumatic heart disease, unspecified
401.9	Unspecified essential hypertension
427.9	Cardiac dysrhythmia, unspecified
428.0	Congestive heart failure
429.9	Heart disease, unspecified
460	Acute nasopharyngitis common cold
462	Acute pharyngitis
463	Acute tonsillitis
464.4	Croup
465.9	Acute upper respiratory infections of unspecified site
473.9	Unspecified sinusitis (chronic)
477.8	Allergic rhinitis due to other allergen
477.9	Allergic rhinitis cause unspecified
478.1	Other diseases of nasal cavity and sinuses
478.29	Other diseases of pharynx, not elsewhere classified
486	Pneumonia, organism unspecified
487.1	Influenza with other respiratory manifestations
487.8	Influenza with other manifestations
490	Bronchitis, not specified as acute or chronic
491.9	Unspecified chronic bronchitis
493.9	Asthma, unspecified without mention of status asthmaticus

514	Pulmonary congestion and hypostasis
518.89	Other diseases of lung, not elsewhere classified
519.9	Unspecified disease of respiratory system
520.7	Teething syndrome
521.9	Unspecified disease of hard tissues of teeth
522.9	Other and unspecified diseases of pulp and periapical tissues

Appendix 3 continued

ICD-9-CM

Code	Description
=====	=====
525.1	Loss teeth due to accident/extraction/local periodontal disease
525.9	Unspecified disorder of the teeth and supporting structures
528.5	Diseases of lips
528.9	Other and unspecified diseases of the oral soft tissues
529.9	Unspecified condition of the tongue
530.81	Esophageal reflux
530.9	Unspecified disorder of esophagus
536.8	Dyspepsia and other specified disorders of function of stomach
536.9	Unspecified functional disorder of stomach
555.9	Enteritis of unspecified site
558.9	Other and unspecified noninfectious gastroenteritis and colitis
564.0	Constipation
564.9	Unspecified functional disorder of intestine
590.9	Infection of kidney, unspecified
593.9	Unspecified disorder of kidney and ureter
595.9	Cystitis, unspecified
596.9	Unspecified disorder of bladder
599.0	Urinary tract infection, site not specified
599.7	Hematuria
599.9	Unspecified disorder of urethra and urinary tract
614.9	Unspec inflammatory disease of female pelvic organs and tissues
620.2	Other and unspecified ovarian cyst
625.3	Dysmenorrhea
626.2	Excessive or frequent menstruation
626.9	Unspecified disorders of menstruation
680.9	Carbuncle and furuncle of unspecified site
681.02	Onychia and paronychia of finger
681.1	Cellulitis and abscess of toe, unspecified
681.11	Onychia and paronychia of toe
682.3	Other cellulitis and abscess of upper arm and forearm
682.7	Other cellulitis and abscess of foot, except toes
682.8	Other cellulitis and abscess of other specified sites
683	Acute lymphadenitis
684	Impetigo
686.9	Unspecified local infection of skin and subcutaneous tissue
691.0	Diaper or napkin rash
691.8	Other atopic dermatitis and related conditions
692.6	Contact dermatitis/eczema of due to plants except food
692.9	Unspecified cause
696.1	Other psoriasis
698.9	Unspecified pruritic disorder
701.1	Keratoderma, acquired
701.4	Keloid scar
705.9	Unspecified disorder of sweat glands
706.1	Other acne

708.9      Urticaria, unspecified

Appendix 3 continued

ICD-9-CM

Code      Description

=====	=====
709.9	Unspecified disorder of skin and subcutaneous tissue
714.0	Rheumatoid arthritis
719.97	Unspecified disorder of joint, ankle and foot
723.1	Cervicalgia
724.5	Backache, unspecified
728.85	Spasm of muscle
728.9	Unspecified disorder of muscle, ligament, and fascia
780.3	Convulsions
780.6	Pyrexia of unknown origin
780.9	Other general symptoms
782.1	Rash and other nonspecific skin eruption
782.2	Localized superficial swelling, mass, or lump
782.3	Edema
783.9	Other symptoms concerning nutrition, metabolism, development
784.0	Headache
784.7	Epistaxis
784.9	Other symptoms involving head and neck
785.2	Undiagnosed cardiac murmurs
786.0	Respiratory abnormality, unspecified
786.09	Other dyspnea and respiratory abnormalities
786.2	Cough
786.5	Chest pain, unspecified
786.7	Abnormal chest sounds
787.01	Nausea with vomiting
787.03	Vomiting alone
787.3	Flatulence, eructation, and gas pain
788.3	Urinary incontinence, unspecified
789.0	Abdominal pain
790.9	Other nonspecific findings on examination of blood
795.5	Nonspecific reaction to tuberculin test
799.2	Nervousness
799.9	Other unknown and unspecified cause of morbidity and mortality
818.0	Ill-defined closed fractures of upper limb
826.0	Closed fracture of one or more phalanges of foot
827.0	Closed other, multiple, and ill-defined fractures of lower limb
844.9	Sprains and strains of unspecified site of knee and leg
879.8	Opn wound(s) (multiple) of unspec site(s) w/o ment of complicat
879.9	Open wound(s) (multiple) of unspecified site(s), complicated
892.0	Opn wound foot except toe(s) alone w/o mention of complication
894.0	Multipl/unspec opn wnd lowr limb, w/o mention of complication
915.9	Other and unspecified superficial injury of fingers, infected
916.2	Blister of hip, thigh, leg, and ankle w/o mention of infection
917.8	Other and unspec superficial injury of foot/toes w/o infection
918.9	Other and unspecified superficial injuries of eye
919.4	Insect bite of oth/multipl/unspec site, nonvenomous, w/o infect
919.5	Insect bite of oth/multipl/unspec site, nonvenomous, infected

Appendix 3 continued

ICD-9-CM

Code	Description
=====	=====
923.9	Contusion of unspecified part of upper limb
944.2	Blisters, epidermal loss 2nd degree burn of hand, unspec site
959.0	Face and neck injury, other and unspecified
959.7	Knee, leg, ankle, and foot injury, other and unspecified
959.8	Injury to other specified sites, including multiple
984.9	Toxic effect of unspecified lead compound
995.3	Allergy, unspecified
995.69	Anaphylactic shock due to other specified food
888888	Blank but applicable
999999	Sample person did not know symptom or condition

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