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

Catalog Number 76200

NHANES III EXAMINATION DATA FILE DOCUMENTATION

Ages two months and older

December 1996

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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 Examination 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

- 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.

- 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.

- 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

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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

- 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.

- 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

- In publications, please acknowledge NCHS as the original data source. For instance, the reference for the NHANES III Examination 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 Examination 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.

- 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.

DATA PREPARATION AND PROCESSING PROCEDURES

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 HFA6XR. 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 (PFPSCOOT)" that means that the next item for persons not in a wheelchair would be represented by the variable, PFPSCOOT.

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
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	HCO3 (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

CODE	TOPIC
ME	Metamyelocyte
MI	Microcyte
MO	Monocyte
MN	Mononuclear cell
ML	Myelocyte
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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GENERAL INFORMATION

The NHANES III Examination Data File contains data collected in the mobile examination center (MEC) as well as data collected during the home examination. The documentation pertaining specifically to the Examination Data File is divided into four main sections. The first section, "General Information," provides information about the contents of the Examination Data File. The second section, "Data File Index," includes a brief description of all the variables on the data set and shows the standard name of each variable and its position in the data set. The third section, "General Notes, Item Descriptions, Codes, Counts, and Notes" provides for each component, a description, the standard variable name and a brief description of the values that variable can take on, a count of the frequency of occurrence of each value, notes by variable, and appendices as necessary. "References" are provided in the fourth section.

Components administered in both the MEC and the home (e.g., spirometry, body measurements, physical function evaluation) are combined in this file if data collection methods were comparable. The file includes information from all the examination components as well as from all the questionnaires administered in the examination center and during the home examination. In addition, data on total nutrient intakes, food sufficiency, intake of plain drinking water, and salt use are also included as part of this file. However, detailed information about the individual foods reported by respondents during the dietary interview are contained in a separate NHANES III Dietary Data File. Data from blood and urine specimens are not contained in this file, but are in a separate NHANES III Laboratory Data File. Data from two examination components, electrocardiography (ECG) and radiography of the hands and knees, are not included in this file. ECG data will be released later with comparable data from NHANES I and NHANES II. The x-ray data will also be released later, after the images have been digitized. See the Table of Contents for a complete list of components included in this NHANES III data release. Since eligibility for examination components was determined by the age of the examinee, the components of this file are in order according to the target age group for each component, from youngest to oldest.

Sample persons were examined in the MEC within four weeks of the household interview. However, a home examination was scheduled for those aged 2-11 months or 20 years and over who were frail or unable to come to the MEC. The home examination was designed to gather certain physical and physiological information on sample persons in their own homes through a subset of components normally done in the MEC. These components were: body measurements, venipuncture, spirometry, cognitive testing, and physical performance testing. Interviewed persons who completed at least one test or examination at the home were defined as home-examined.

Staff recorded all examination data directly into an automated data collection system. All staff received intensive initial training, and formal retraining programs were conducted throughout the survey to ensure that high skill levels were maintained. Details on survey instruments and forms, training manuals, and data collection

procedures are published elsewhere (U.S. DHHS, 1996b).

Data processing and editing were performed to ensure internal data consistency within components. Processing procedures are described in each chapter of the this file. Notes are provided for standardized and recoded variables, and for variables requiring additional information. In some cases exceptions to the NHANES III conventions made in order to enable NHANES III results comparisons with results from earlier surveys or other studies. Such exceptions are described in the introduction to the affected component or in individual variable notes.

One should note that for components such as the Dental Examination and Audiometry which include negative value responses, value labels that include ranges use a hyphen to indicate a range, from negative to positive. For example, a range of -10 to 105 is written as -10-105.

Since NHANES III is based on a complex, multistage sample design, appropriate sampling 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. The final MEC examination weight, WTPFEX6, should be used for analysis of the questionnaires and measurements administered in the MEC (except for the allergy and central nervous system tests, which were performed on half-samples and have their own weights), as well as for a combined analysis of measurements from the MEC examinations and associated medical history questions from the household interview. The final MEC+home examination weight, WTPFHX6, should be used only in conjunction with the MEC+home examined sample, and only with items collected in both the MEC and the home.

NHANES III Examination Data File Index

Description	Variable Name	Positions
DEMOGRAPHIC DATA		
HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)		
Respondent identification number	SEQN	1-5
Family sequence number	DMPFSEQ	6-10
Examination/interview status	DMPSTAT	11
Race-ethnicity	DMARETHN	12
Race	DMARACER	13
Ethnicity	DMAETHNR	14
Sex	HSSEX	15
Age at interview (Screener)	HSAGEIR	16-17
Age at interview-unit (Screener)	HSAGEU	18
Age in months at interview (screener)	HSAITMOR	19-22
Family size (persons in family)	HSFSIZER	23-24
Household size (persons in dwelling)	HSHSIZER	25-26
County code	DMPCNTYR	27-29
FIPS code for State	DMPFIPSR	30-31
Rural/urban code based on USDA code	DMPMETRO	32
Census region, weighting(Texas in south)	DMPCREGN	33
Poverty Income Ratio (unimputed income)	DMPPIR	34-39
SURVEY DESIGN DATA		
Phase of NHANES III survey	SDPPHASE	40
Total NHANES III pseudo-PSU	SDPPSU6	41
Total NHANES III pseudo-stratum	SDPSTRA6	42-43

NHANES III Examination Data File Index

Description	Variable Name	Positions
Pseudo-PSU for phase 1	SDPPSU1	44
Pseudo-stratum for phase 1	SDPSTRA1	45-46
Pseudo-PSU for phase 2	SDPPSU2	47
Pseudo-stratum for phase 2	SDPSTRA2	48-49
SAMPLING WEIGHTS - TOTAL NHANES III (1988-94)		
Total interviewed sample final weight	WTPFQX6	50-58
Total MEC-examined sample final weight	WTPFEX6	59-67
Total M+H examined sample final weight	WTPFHX6	68-76
Total allergy subsample final weight	WTPFALG6	77-85
Total CNS subsample final weight	WTPFCNS6	86-94
Total morning subsample final wgt	WTPFSD6	95-103
Total afternoon/eve subsample final wgt	WTPFMD6	104-112
Total M+H morning subsample final wgt	WTPFHSD6	113-121
Total M+H afternoon subsample final wgt	WTPFHMD6	122-130
SAMPLING WEIGHTS - NHANES III PHASE 1 (1988-91)		
Phase 1 interviewed sample final wgt	WTPFQX1	131-139
Phase 1 MEC examined sample final wgt	WTPFEX1	140-148
Phase 1 M+H examined sample final wgt	WTPFHX1	149-157
Phase 1 allergy subsample final wgt	WTPFALG1	158-166
Phase 1 CNS subsample final wgt	WTPFCNS1	167-175
Phase 1 morning sess subsample final wgt	WTPFSD1	176-184
Phase 1 aft/eve subsample final wgt	WTPFMD1	185-193
Phase 1 morning M+H subsample final wgt	WTPFHSD1	194-202
Phase 1 aft/eve M+H subsample final wgt	WTPFHMD1	203-211
SAMPLING WEIGHTS - NHANES III PHASE 2 (1991-94)		
Phase 2 interviewed sample final wgt	WTPFQX2	212-220
Phase 2 MEC examined sample final wgt	WTPFEX2	221-229
Phase 2 M+H examined sample final wgt	WTPFHX2	230-238
Phase 2 allergy subsample final wgt	WTPFALG2	239-247
Phase 2 CNS subsample final wgt	WTPFCNS2	248-256

Description	Variable Name	Positions
Phase 2 morning sess subsample final wgt	WTPFSD2	257-265
Phase 2 aft/eve subsample final wgt	WTPFMD2	266-274
Phase 2 morning M+H subsample final wgt	WTPFHSD2	275-283
Phase 2 aft/eve M+H subsample final wgt	WTPFHMD2	284-292
FAY'S BRR REPLICATE INTERVIEW WEIGHTS - TOTAL NHANES III (1988-94)		
Replicate 1 final interview weight	WTPQRP1	293-301
Replicate 2 final interview weight	WTPQRP2	302-310
Replicate 3 final interview weight	WTPQRP3	311-319
Replicate 4 final interview weight	WTPQRP4	320-328
Replicate 5 final interview weight	WTPQRP5	329-337
Replicate 6 final interview weight	WTPQRP6	338-346
Replicate 7 final interview weight	WTPQRP7	347-355
Replicate 8 final interview weight	WTPQRP8	356-364
Replicate 9 final interview weight	WTPQRP9	365-373
Replicate 10 final interview weight	WTPQRP10	374-382
Replicate 11 final interview weight	WTPQRP11	383-391
Replicate 12 final interview weight	WTPQRP12	392-400
Replicate 13 final interview weight	WTPQRP13	401-409
Replicate 14 final interview weight	WTPQRP14	410-418
Replicate 15 final interview weight	WTPQRP15	419-427
Replicate 16 final interview weight	WTPQRP16	428-436
Replicate 17 final interview weight	WTPQRP17	437-445
Replicate 18 final interview weight	WTPQRP18	446-454
Replicate 19 final interview weight	WTPQRP19	455-463
Replicate 20 final interview weight	WTPQRP20	464-472
Replicate 21 final interview weight	WTPQRP21	473-481
Replicate 22 final interview weight	WTPQRP22	482-490
Replicate 23 final interview weight	WTPQRP23	491-499
Replicate 24 final interview weight	WTPQRP24	500-508
Replicate 25 final interview weight	WTPQRP25	509-517
Replicate 26 final interview weight	WTPQRP26	518-526
Replicate 27 final interview weight	WTPQRP27	527-535
Replicate 28 final interview weight	WTPQRP28	536-544
Replicate 29 final interview weight	WTPQRP29	545-553
Replicate 30 final interview weight	WTPQRP30	554-562
Replicate 31 final interview weight	WTPQRP31	563-571

Description	Variable Name	Positions
Replicate 32 final interview weight	WTPQRP32	572-580
Replicate 33 final interview weight	WTPQRP33	581-589
Replicate 34 final interview weight	WTPQRP34	590-598
Replicate 35 final interview weight	WTPQRP35	599-607
Replicate 36 final interview weight	WTPQRP36	608-616
Replicate 37 final interview weight	WTPQRP37	617-625
Replicate 38 final interview weight	WTPQRP38	626-634
Replicate 39 final interview weight	WTPQRP39	635-643
Replicate 40 final interview weight	WTPQRP40	644-652
Replicate 41 final interview weight	WTPQRP41	653-661
Replicate 42 final interview weight	WTPQRP42	662-670
Replicate 43 final interview weight	WTPQRP43	671-679
Replicate 44 final interview weight	WTPQRP44	680-688
Replicate 45 final interview weight	WTPQRP45	689-697
Replicate 46 final interview weight	WTPQRP46	698-706
Replicate 47 final interview weight	WTPQRP47	707-715
Replicate 48 final interview weight	WTPQRP48	716-724
Replicate 49 final interview weight	WTPQRP49	725-733
Replicate 50 final interview weight	WTPQRP50	734-742
Replicate 51 final interview weight	WTPQRP51	743-751
Replicate 52 final interview weight	WTPQRP52	752-760

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

Replicate 1 final exam weight	WTPXRP1	761-769
Replicate 2 final exam weight	WTPXRP2	770-778
Replicate 3 final exam weight	WTPXRP3	779-787
Replicate 4 final exam weight	WTPXRP4	788-796
Replicate 5 final exam weight	WTPXRP5	797-805
Replicate 6 final exam weight	WTPXRP6	806-814
Replicate 7 final exam weight	WTPXRP7	815-823
Replicate 8 final exam weight	WTPXRP8	824-832
Replicate 9 final exam weight	WTPXRP9	833-841
Replicate 10 final exam weight	WTPXRP10	842-850
Replicate 11 final exam weight	WTPXRP11	851-859
Replicate 12 final exam weight	WTPXRP12	860-868
Replicate 13 final exam weight	WTPXRP13	869-877
Replicate 14 final exam weight	WTPXRP14	878-886

Description	Variable Name	Positions
Replicate 15 final exam weight	WTPXRP15	887-895
Replicate 16 final exam weight	WTPXRP16	896-904
Replicate 17 final exam weight	WTPXRP17	905-913
Replicate 18 final exam weight	WTPXRP18	914-922
Replicate 19 final exam weight	WTPXRP19	923-931
Replicate 20 final exam weight	WTPXRP20	932-940
Replicate 21 final exam weight	WTPXRP21	941-949
Replicate 22 final exam weight	WTPXRP22	950-958
Replicate 23 final exam weight	WTPXRP23	959-967
Replicate 24 final exam weight	WTPXRP24	968-976
Replicate 25 final exam weight	WTPXRP25	977-985
Replicate 26 final exam weight	WTPXRP26	986-994
Replicate 27 final exam weight	WTPXRP27	995-1003
Replicate 28 final exam weight	WTPXRP28	1004-1012
Replicate 29 final exam weight	WTPXRP29	1013-1021
Replicate 30 final exam weight	WTPXRP30	1022-1030
Replicate 31 final exam weight	WTPXRP31	1031-1039
Replicate 32 final exam weight	WTPXRP32	1040-1048
Replicate 33 final exam weight	WTPXRP33	1049-1057
Replicate 34 final exam weight	WTPXRP34	1058-1066
Replicate 35 final exam weight	WTPXRP35	1067-1075
Replicate 36 final exam weight	WTPXRP36	1076-1084
Replicate 37 final exam weight	WTPXRP37	1085-1093
Replicate 38 final exam weight	WTPXRP38	1094-1102
Replicate 39 final exam weight	WTPXRP39	1103-1111
Replicate 40 final exam weight	WTPXRP40	1112-1120
Replicate 41 final exam weight	WTPXRP41	1121-1129
Replicate 42 final exam weight	WTPXRP42	1130-1138
Replicate 43 final exam weight	WTPXRP43	1139-1147
Replicate 44 final exam weight	WTPXRP44	1148-1156
Replicate 45 final exam weight	WTPXRP45	1157-1165
Replicate 46 final exam weight	WTPXRP46	1166-1174
Replicate 47 final exam weight	WTPXRP47	1175-1183
Replicate 48 final exam weight	WTPXRP48	1184-1192
Replicate 49 final exam weight	WTPXRP49	1193-1201
Replicate 50 final exam weight	WTPXRP50	1202-1210
Replicate 51 final exam weight	WTPXRP51	1211-1219
Replicate 52 final exam weight	WTPXRP52	1220-1228
HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)		
Age in months at youth interview	HYAITMO	1229-1232

NHANES III Examination Data File Index

Description	Variable Name	Positions
MEC EXAMINATION		
Language used by SP in MEC	MXPLANG	1233
Session for MEC examination	MXPSESSR	1234
Day of week of MEC exam	MXPTIDW	1235
MEC EXAMINATION		
Age in months at MEC exam	MXPAXTMR	1236-1239
HOME EXAMINATION		
Day of week of home exam	HXPTIDW	1240
Age in months at home exam	HXPAXTMR	1241-1244
Session for home examination	HXPSESSR	1245
PHYSICIAN'S EXAMINATION		
LOCOMOTION		
Overall findings for locomotion (age 3+)	PEP1	1246
Limp or shuffle (age 3+)	PEP1A1	1247
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Eye globe missing or blind(age 2mo-18yr)	PEP2	1249
Tracks light (age 2mo-4yrs)	PEP2A	1250
Strabismus observ un/cover test(age5-18)	PEP2B	1251
OBSERVATION		
Overall findings, paralysis...(all ages)	PEP3A	1252

Description	Variable Name	Positions
Paralysis/paresis of arm (all ages)	PEP3A1A	1253
Paralysis/paresis of leg (all ages)	PEP3A1B	1254
In a wheelchair or stretcher (all ages)	PEP3A2	1255
Overall findings,amputee/cast (all ages)	PEP3B1	1256
Amputee/cast, left arm (all ages)	PEP3LARM	1257-1258
Amputee/cast, right arm (all ages)	PEP3RARM	1259-1260
Amputee/cast, left finger 1 (all ages)	PEP3BFL1	1261
Amputee/cast, left finger 2 (all ages)	PEP3BFL2	1262
Amputee/cast, left finger 3 (all ages)	PEP3BFL3	1263
Amputee/cast, left finger 4 (all ages)	PEP3BFL4	1264
Amputee/cast, left finger 5 (all ages)	PEP3BFL5	1265
Amputee/cast, right finger 1 (all ages)	PEP3BFR1	1266
Amputee/cast, right finger 2 (all ages)	PEP3BFR2	1267
Amputee/cast, right finger 3 (all ages)	PEP3BFR3	1268
Amputee/cast, right finger 4 (all ages)	PEP3BFR4	1269
Amputee/cast, right finger 5 (all ages)	PEP3BFR5	1270
Overall findng,amputee/cast leg(all age)	PEP3B2	1271
Amputee/cast, left leg (all ages)	PEP3LLEG	1272-1273
Amputee/cast, right leg (all ages)	PEP3RLEG	1274-1275
Amputee/cast, right great toe (all ages)	PEP3B2TR	1276
Amputee/cast, left great toe (all ages)	PEP3B2TL	1277
UPPER EXTREMITIES JOINT EXAMINATION		
Overall wrist finding,hand joint(age60+)	PEP4A	1278
Wrist: tender on palpation (age 60+)	PEP4A1	1279
Wrist: swelling (age 60+)	PEP4A2	1280
Wrist: pain on passive motion (age 60+)	PEP4A3	1281
Overall findings,CMC, yrs 4,5,6 (age60+)	PEP4CMC	1282
CMC: crepitus, survey yrs 4,5,6(age60+)	PEP4CMCC	1283
CMC: tender palpation,yrs 4,5,6 (age60+)	PEP4CMCT	1284
CMC:swelling, survey yrs 4,5,6 (age60+)	PEP4CMCS	1285
CMC:pain on p-motion,yrs 4,5,6 (age60+)	PEP4CMCP	1286
Overall findings,MCP hand joint(age 60+)	PEP4B	1287
Rt finger 1, MCP: tenderness (age 60+)	PEP4BTR1	1288
Rt finger 2, MCP: tenderness (age 60+)	PEP4BTR2	1289
Rt finger 3, MCP: tenderness (age 60+)	PEP4BTR3	1290
Rt finger 4, MCP: tenderness (age 60+)	PEP4BTR4	1291

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Description	Variable Name	Positions
Rt finger 5, MCP: tenderness (age 60+)	PEP4BTR5	1292
Lft finger 1, MCP: tenderness (age 60+)	PEP4BTL1	1293
Lft finger 2, MCP: tenderness (age 60+)	PEP4BTL2	1294
Lft finger 3, MCP: tenderness (age 60+)	PEP4BTL3	1295
Lft finger 4, MCP: tenderness (age 60+)	PEP4BTL4	1296
Lft finger 5, MCP: tenderness (age 60+)	PEP4BTL5	1297
Rt finger 1, MCP: swelling (age 60+)	PEP4BSR1	1298
Rt finger 2, MCP: swelling (age 60+)	PEP4BSR2	1299
Rt finger 3, MCP: swelling (age 60+)	PEP4BSR3	1300
Rt finger 4, MCP: swelling (age 60+)	PEP4BSR4	1301
Rt finger 5, MCP: swelling (age 60+)	PEP4BSR5	1302
Lft finger 1, MCP: swelling (age 60+)	PEP4BSL1	1303
Lft finger 2, MCP: swelling (age 60+)	PEP4BSL2	1304
Lft finger 3, MCP: swelling (age 60+)	PEP4BSL3	1305
Lft finger 4, MCP: swelling (age 60+)	PEP4BSL4	1306
Lft finger 5, MCP: swelling (age 60+)	PEP4BSL5	1307
Rt finger 1,MCP:pain on p-motion(age60+)	PEP4BPR1	1308
Rt finger 2,MCP:pain on p-motion(age60+)	PEP4BPR2	1309
Rt finger 3,MCP:pain on p-motion(age60+)	PEP4BPR3	1310
Rt finger 4,MCP:pain on p-motion(age60+)	PEP4BPR4	1311
Rt finger 5,MCP:pain on p-motion(age60+)	PEP4BPR5	1312
Lft finger1,MCP:pain on p-motion(age60+)	PEP4BPL1	1313
Lft finger2,MCP:pain on p-motion(age60+)	PEP4BPL2	1314
Lft finger3,MCP:pain on p-motion(age60+)	PEP4BPL3	1315
Lft finger4,MCP:pain on p-motion(age60+)	PEP4BPL4	1316
Lft finger5,MCP:pain on p-motion(age60+)	PEP4BPL5	1317
Rt finger 2, PIP: tenderness (age 60+)	PEP4CTR2	1318
Rt finger 3, PIP: tenderness (age 60+)	PEP4CTR3	1319
Rt finger 4, PIP: tenderness (age 60+)	PEP4CTR4	1320
Rt finger 5, PIP: tenderness (age 60+)	PEP4CTR5	1321
Lft finger 2, PIP: tenderness (age 60+)	PEP4CTL2	1322
Lft finger 3, PIP: tenderness (age 60+)	PEP4CTL3	1323
Lft finger 4, PIP: tenderness (age 60+)	PEP4CTL4	1324
Lft finger 5, PIP: tenderness (age 60+)	PEP4CTL5	1325
Rt finger 2, PIP: swelling (age 60+)	PEP4CSR2	1326
Rt finger 3, PIP: swelling (age 60+)	PEP4CSR3	1327
Rt finger 4, PIP: swelling (age 60+)	PEP4CSR4	1328
Rt finger 5, PIP: swelling (age 60+)	PEP4CSR5	1329
Lft finger 2, PIP: swelling (age 60+)	PEP4CSL2	1330

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Description	Variable Name	Positions
Lft finger 3, PIP: swelling (age 60+)	PEP4CSL3	1331
Lft finger 4, PIP: swelling (age 60+)	PEP4CSL4	1332
Lft finger 5, PIP: swelling (age 60+)	PEP4CSL5	1333
Rt finger 2,PIP:pain on p-motion(age60+)	PEP4CPR2	1334
Rt finger 3,PIP:pain on p-motion(age60+)	PEP4CPR3	1335
Rt finger 4,PIP:pain on p-motion(age60+)	PEP4CPR4	1336
Rt finger 5,PIP:pain on p-motion(age60+)	PEP4CPR5	1337
Lft finger2,PIP:pain on p-motion(age60+)	PEP4CPL2	1338
Lft finger3,PIP:pain on p-motion(age60+)	PEP4CPL3	1339
Lft finger4,PIP:pain on p-motion(age60+)	PEP4CPL4	1340
Lft finger5,PIP:pain on p-motion(age60+)	PEP4CPL5	1341
Rt finger 1, IP: tenderness (age 60+)	PEP4DTR1	1342
Rt finger 2, DIP: tenderness (age 60+)	PEP4DTR2	1343
Rt finger 3, DIP: tenderness (age 60+)	PEP4DTR3	1344
Rt finger 4, DIP: tenderness (age 60+)	PEP4DTR4	1345
Rt finger 5, DIP: tenderness (age 60+)	PEP4DTR5	1346
Lft finger 1, IP: tenderness (age 60+)	PEP4DTL1	1347
Lft finger 2, DIP: tenderness(age 60+)	PEP4DTL2	1348
Lft finger 3, DIP: tenderness(age 60+)	PEP4DTL3	1349
Lft finger 4, DIP: tenderness(age 60+)	PEP4DTL4	1350
Lft finger 5, DIP: tenderness(age 60+)	PEP4DTL5	1351
Rt finger 1, IP: swelling (age 60+)	PEP4DSR1	1352
Rt finger 2, DIP: swelling (age 60+)	PEP4DSR2	1353
Rt finger 3, DIP: swelling (age 60+)	PEP4DSR3	1354
Rt finger 4, DIP: swelling (age 60+)	PEP4DSR4	1355
Rt finger 5, DIP: swelling (age 60+)	PEP4DSR5	1356
Lft finger 1, IP: swelling (age 60+)	PEP4DSL1	1357
Lft finger 2, DIP: swelling (age 60+)	PEP4DSL2	1358
Lft finger 3, DIP: swelling (age 60+)	PEP4DSL3	1359
Lft finger 4, DIP: swelling (age 60+)	PEP4DSL4	1360
Lft finger 5, DIP: swelling (age 60+)	PEP4DSL5	1361
Rt finger1,IP:pain on p-motion (age60+)	PEP4DPR1	1362
Rt finger2,DIP:pain on p-motion (age60+)	PEP4DPR2	1363
Rt finger3,DIP:pain on p-motion (age60+)	PEP4DPR3	1364
Rt finger4,DIP:pain on p-motion (age60+)	PEP4DPR4	1365
Rt finger5,DIP:pain on p-motion (age60+)	PEP4DPR5	1366
Lft finger1,IP:pain on p-motion (age60+)	PEP4DPL1	1367
Lft finger2,DIP:pain on p-motion(age60+)	PEP4DPL2	1368
Lft finger3,DIP:pain on p-motion(age60+)	PEP4DPL3	1369

Description	Variable Name	Positions
Lft finger4,DIP:pain on p-motion(age60+)	PEP4DPL4	1370
Lft finger5,DIP:pain on p-motion(age60+)	PEP4DPL5	1371
Bony thickening/spurs CMC joint(age60+)	PEP4CMCJ	1372
Overall findings,upr deformities(age60+)	PEP4E1	1373
Heberden's nodes (DIP) (age 60+)	PEP4E1A	1374
Bouchard's nodes (PIP) (age 60+)	PEP4E1B	1375
Swan neck (age 60+)	PEP4E1C	1376
Boutonniere joints (age 60+)	PEP4E1D	1377
Ulnar deviation at MCP or wrist(age60+)	PEP4E1E	1378
Subcutaneous nodules on forearm(age60+)	PEP4E1F	1379
CENTRAL PULSE RATE		
Central pulse rate (beats/min)(2mo-4yrs)	PEP5R	1380-1382
BLOOD PRESSURE		
Cuff size used (age 5+ years)	PEP6A	1383
Arm selected (age 5+ years)	PEP6B	1384
Had alcohol, etc in past 30 min (age 5+)	PEP6C	1385
Pulse rate (beats/min) (age 5+ years)	PEP6DR	1386-1388
Irregular pulse (age 5+ years)	PEP6E	1389
Maximum inflation level(MIL,mmHg)(age5+)	PEP6F	1390-1392
K1, systolic, for 1st BP (mmHg)(age 5+)	PEP6G1	1393-1395
K4, diastolic, for 1st BP(mmHg)(age5-19)	PEP6G2	1396-1398
K5, diastolic, for 1st BP (mmHg)(age 5+)	PEP6G3	1399-1401
First BP refused (age 5+ years)	PEP6G4	1402
K1, systolic, for 2nd BP (mmHg)(age5+)	PEP6H1	1403-1405
K4,diastolic, for 2nd BP(mmHg)(age 5-19)	PEP6H2	1406-1408
K5, diastolic, for 2nd BP (mmHg)(age 5+)	PEP6H3	1409-1411
Second BP refused (age 5+ years)	PEP6H4	1412
K1, systolic, for 3rd BP (mmHg)(age 5+)	PEP6I1	1413-1415
K4, diastolic, for 3rd BP(mmHg)(age5-19)	PEP6I2	1416-1418
K5, diastolic, for 3rd BP (mmHg)(age 5+)	PEP6I3	1419-1421
Third BP refused (age 5+ years)	PEP6I4	1422
Overall average K1, systolic, BP(age 5+)	PEPMNK1R	1423-1425
Measurements used for average K1(age 5+)	PEPNOK1R	1426-1427

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Description	Variable Name	Positions
Overall average K5, diastolic, BP(age5+)	PEPMNK5R	1428-1430
Measurements used for average K5(age 5+)	PEPNOK5R	1431-1432
CHEST		
Overall findings,chest section(all ages)	PEP7	1433
Decreased breath in right lung(all ages)	PEP7A1R	1434
Decreased breath in left lung (all ages)	PEP7A1L	1435
Advent sounds in right lung (all ages)	PEP7A2R	1436
Advent sounds in left lung (all ages)	PEP7A2L	1437
HEART		
Overall findings,heart murmurs(all ages)	PEP8	1438
Systolic murmur (all ages)	PEP8A	1439-1440
Diastolic murmur (all ages)	PEP8B	1441-1442
DERMATITIS		
Overall findings for dermatitis section	PEP9	1443
Palms: red/inflamed, vesicles (age5-59)	PEP9A	1444
Palmar fingers, dermatitis (age 5-59)	PEP9B	1445
Dorsal:red/inflamed, vesicles (age 5-59)	PEP9C	1446
Dorsal fingers, dermatitis (age 5-59)	PEP9D	1447
Lichenified dermatitis (age 5-59)	PEP9E	1448
LOWER EXTREMITIES JOINT EXAMINATION		
Overall findings, gt toe,MTP,IP (age60+)	PEP10	1449
Rt great toe, MTP: tender palp (age60+)	PEP10MTR	1450
Lft great toe, MTP: tender palp(age60+)	PEP10MTL	1451
Rt great toe, MTP: swelling (age60+)	PEP10MSR	1452
Lft great toe, MTP: swelling (age60+)	PEP10MSL	1453
Rt great toe,MTP:pain on p-motion(age60+	PEP10MPR	1454
Lft great toe,MTP:painon p-motion(age60+	PEP10MPL	1455

Description	Variable Name	Positions
Rt great toe, IP:tender palp(age60+)	PEP10ITR	1456
Lft great toe, IP: tender palp (age60+)	PEP10ITL	1457
Rt great toe, IP: swelling (age60+)	PEP10ISR	1458
Lft great toe, IP: swelling (age 60+)	PEP10ISL	1459
Rt great toe,IP:pain on p-motion(age60+)	PEP10IPR	1460
Lft great toe,IP:pain on p-motion(age60+	PEP10IPL	1461
Overall findings, knee joint (age 60+)	PEP10B	1462
Knee: crepitus (age 60+)	PEP10B1	1463
Knee: tender on palpation (age 60+)	PEP10B2	1464
Knee: swelling (age 60+)	PEP10B3	1465
Knee: pain on passive motion (age 60+)	PEP10B4	1466
Rt knee: max limit on p-motion (age60+)	PEP10B5	1467
Lft knee:max limit on p-motion (age60+)	PEP10B6	1468
Overall findings,foot deformities(age60+	PEP10C	1469
Hammer toes (age 60+)	PEP10C1	1470
Bunions (age 60+)	PEP10C2	1471
BREAST SIZE AND TANNER STAGING		
Rt breast size(lg diameter,mm)(2mo-4yrs)	PEP11A1	1472-1474
Lft breast size(lg diameter,mm)(2mo-4yrs	PEP11A2	1475-1477
Pubic hair stage (8-18 yrs)	PEP11B1	1478
Genitalia stage (8-18 yrs)	PEP11B2	1479
Breast stage,least dev breast (8-18 yrs)	PEP11B3	1480
PHYSICIAN'S IMPRESSION		
Health status (all ages)	PEP13A	1481
Evidence disabling impairment (all ages)	PEP13B	1482
Possible active infection (all ages)	PEP13C	1483
Able communicate appropriately(age 3+yr)	PEP13D	1484
Estimated difficulty:walk 1/4 mi(age 5+)	PEP13E1A	1485
Prognosis over 1 yr:walk 1/4 mi (age 5+)	PEP13E1B	1486
Estimated difficulty:run 100 yds(age 5+)	PEP13E2A	1487
Prognosis over 1 yr:run 100 yds (age 5+)	PEP13E2B	1488
Estimated difficulty: stoop... (age 5+)	PEP13E3A	1489
Prognosis over 1 year: stoop... (age 5+)	PEP13E3B	1490

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Description	Variable Name	Positions
Est difficulty:small hand moves (age 5+)	PEP13E4A	1491
Prog over 1 yr:small hand moves (age 5+)	PEP13E4B	1492
Est difficulty:heavy housework...(age5+)	PEP13E5A	1493
Prog over 1 yr:heavy housework...(age5+)	PEP13E5B	1494
Estimated difficulty: play (2mo-4yrs)	PEP13F1A	1495
Prognosis over 1 year: play (2mo-4yrs)	PEP13F1B	1496
GENERAL INFORMATION		
Referral level assigned to sample person	PEPLEVEL	1497
Examiner number	PEPTECH	1498-1502
BODY MEASUREMENTS		
Examiner number	BMPTECH1	1503-1507
WEIGHT		
Weight (kg) (2 months and over)	BMPWT	1508-1513
Weight source flag	BMPWTFLG	1514
Weight (lbs) (2 months and over)	BMPWTLBS	1515-1519
Self reported weight (lbs) (12-16 years)	BMPSRWL	1520-1523
Body mass index	BMPBMI	1524-1527
HEIGHTS, LENGTHS		
Standing height (cm) (2 years and over)	BMPHT	1528-1532
Standing height source flag	BMPHTFLG	1533
Standing height (in) (2 years and over)	BMPHTIN	1534-1538
Recumbent length (cm) (2 months-3 years)	BMPRECUM	1539-1543
Recumbent length flag	BMPRECFL	1544
Sitting height (cm) (2 years and over)	BMPSITHT	1545-1549
Self reported height (in) (12-16 years)	BMPSRHIS	1550-1552
Upper leg length (cm) (2 years and over)	BMPLEG	1553-1556
Knee height (cm) (60 years and over)	BMPKNEE	1557-1560

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Description	Variable Name	Positions
Upper arm length (cm)(2 months and over)	BMPARML	1561-1564
BREADTHS		
Biacromial breadth(cm)(3 years and over)	BMPBIAC	1565-1568
Biiliac breadth (cm) (2 years and over)	BMPBIIL	1569-1573
Elbow breadth (cm) (2 years and over)	BMPELB	1574-1577
Wrist breadth (cm) (2 years and over)	BMPWRIST	1578-1581
CIRCUMFERENCES		
Head circumference (cm) (2 mos - 7 yrs)	BMPHEAD	1582-1585
Arm circumference(cm)(2 months and over)	BMPARMC	1586-1589
Waist circumference (cm) (2+ years)	BMPWAIST	1590-1594
Buttocks circumference (cm) (2+ years)	BMPBUTTO	1595-1599
Waist to hip ratio	BMPWHR	1600-1603
Thigh circumference (cm)(2 yrs and over)	BMPTHICI	1604-1608
SKINFOLDS		
Triceps skinfold (mm)(2 months and over)	BMPTRI	1609-1612
Subscapular skinfold (mm) (2+ months)	BMPSUB	1613-1616
Suprailiac skinfold (mm) (2+ years)	BMPSUP	1617-1620
Thigh skinfold (mm) (2 years and over)	BMPTHI	1621-1624
BIOELECTRICAL IMPEDANCE ANALYSIS (BIA)		
Examinee pregnant--cannot obtain BIA	PEPPREG	1625
Examinee had pacemaker-cannot obtain BIA	PEPPACE	1626
BIA resistance (ohms)(12 years and over)	PEP12A1	1627-1630
BIA reactance (ohms) (12 years and over)	PEP12B1	1631-1634
TOTAL NUTRIENT INTAKES		
GENERAL INFORMATION		
Recall status code	DRPSTAT	1635

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Description	Variable Name	Positions
Recall day	DRPRDAY	1636-1637
Respondent,24hr dietary recall interview	DRPRESP	1638
Language, 24-hr dietary recall interview	DRPLANG	1639
Interviewer ID code	DRPIID	1640-1641
QUESTIONS		
Compare food consumed yesterday to usual	DRPQ1	1642
How much plain water drink in 24 hrs -oz	DRPQ2A	1643-1645
Type of salt you usually add at table	DRPQ3	1646
How often do you add salt at the table	DRPQ4	1647
#days had no food/money for food,past mo	DRPQ5	1648-1649
Because not enough money or other reason	DRPQ6	1650
Skip meals because no food/money,past mo	DRPQ7	1651
# days skip meals, no food/money,past mo	DRPQ8	1652-1653
Skip any meals yesterday, no food/money	DRPQ9	1654
Any days not eat, no food/money, past mo	DRPQ10	1655
# days didn't eat at all in past month	DRPQ11	1656-1657
Are you person who preps meals at home	DRPQ12	1658
NUTRIENT QUANTITIES		
Total grams of food & beverage consumed	DRPGW	1659-1663
Water (gm)	DRPNWATE	1664-1668
Food energy (kcal)	DRPNKCAL	1669-1673
Protein (gm)	DRPNPROT	1674-1679
Total fat (gm)	DRPNTFAT	1680-1685
Total saturated fatty acids (gm)	DRPNSFAT	1686-1690
Total monounsaturated fatty acids (gm)	DRPNMFAT	1691-1695
Total polyunsaturated fatty acids (gm)	DRPNPFAT	1696-1700
Cholesterol (mg)	DRPNCHOL	1701-1704
Carbohydrate (gm)	DRPNCARB	1705-1710
Total dietary fiber (gm)	DRPNFIBE	1711-1715
Alcohol (gm)	DRPNALCO	1716-1719
Vitamin A (IU)	DRPNVAIU	1720-1725
Vitamin A (RE)	DRPNVARE	1726-1730
Carotenes (RE)	DRPNCARO	1731-1735

Description	Variable Name	Positions
Vitamin E (alpha tocopherol equivalents)	DRPNVE	1736-1741
Ascorbic acid (mg)	DRPNVC	1742-1745
Thiamin (mg)	DRPNVB1	1746-1750
Riboflavin (mg)	DRPNVB2	1751-1755
Niacin (mg)	DRPNNIAC	1756-1760
Vitamin B6 (mg)	DRPNVB6	1761-1765
Folacin (micrograms)	DRPNFOLA	1766-1770
Vitamin B12 (micrograms)	DRPNVB12	1771-1776
Calcium (mg)	DRPNCALC	1777-1781
Phosphorus (mg)	DRPNPHOS	1782-1786
Magnesium (mg)	DRPNMAGN	1787-1790
Iron (mg)	DRPNIRON	1791-1795
Zinc (mg)	DRPNZINC	1796-1801
Copper (mg)	DRPNCOPP	1802-1805
Sodium (mg)	DRPNSODI	1806-1810
Potassium (mg)	DRPNPOTA	1811-1815
Percent of kilocalories from total fat	DRPNKF	1816-1820
Pct of kilocalories from saturated fat	DRPNKSF	1821-1824
Pct of kilocals from monounsaturted fat	DRPNKMF	1825-1828
Pct of kilocals from polyunsaturated fat	DRPNKPF	1829-1832
Percent of kilocalories from protein	DRPNKP	1833-1837
Pct of kilocalories from carbohydrate	DRPNKC	1838-1842
Percent of kilocalories from alcohol	DRPNKA	1843-1847
MEC PROXY QUESTIONNAIRE		
SECTION A. MEDICINE, VITAMIN, AND MINERAL USAGE		
Age check item used in skip pattern	MPPA1	1848
Taken antihistamine in past 2 days	MPPA2	1849
Taken prescription med in past 24 hours	MPPA3	1850
Taken vitamins/minerals in past 24 hrs	MPPA4	1851
SECTION B. SELECTED CONDITIONS		
Treated for anemia within past 3 months	MPPB1	1852
How many infections... in last 4 weeks	MPPB2	1853-1854
Age/sex check item used in skip pattern	MPPB3	1855

Description	Variable Name	Positions
Age when menstrual cycles started	MPPB4	1856-1857
Receive benefits from WIC in last 12 mo	MPPB5	1858
Receiving benefits from WIC now	MPPB6	1859
How many months received WIC benefits	MPPB7S	1860-1862
SECTION C. INFANT FOOD FREQUENCY		
Age check item used in skip pattern	MPPC1	1863
Had cereal in past month	MPPC2A	1864
Had fruit in past month	MPPC2B	1865
Had yellow/orange vegetables past month	MPPC2C	1866
Had green vegetables in past month	MPPC2D	1867
Had meat in past month	MPPC2E	1868
Had egg yolks or eggs in past month	MPPC2F	1869
Had combo meat/vegetable dinners past mo	MPPC2G	1870
Had yogurt, cottage/other cheese past mo	MPPC2H	1871
Had bread,rolls,crackers,biscuit past mo	MPPC2I	1872
Had desserts in past month	MPPC2J	1873
Had breastmilk in past month	MPPC2K	1874
Had formula in past month	MPPC2L	1875
Had regular cow's milk in past month	MPPC2M	1876
Had fruit juices in past month	MPPC2N	1877
Drinks such as Koolaid, etc in past mo	MPPC2O	1878
SECTION D. RESPONDENT		
Check item.Respondent relationship to SP	MPPD1A	1879-1880
GENERAL INFORMATION		
Interviewer number	MPPEXMNR	1881-1884
DENTAL EXAMINATION COMPLETION CODES AND SUMMARY VARIABLES		
Had some part of dental examination	DEPEXFLG	1885

Description	Variable Name	Positions
Examiner number	DEPEXMNR	1886
Upper quadrant periodontal assessments	DEPUQUAD	1887
Lower quadrant periodontal assessments	DEPLQUAD	1888
Medical exclusion flag	DEPMEDXC	1889
Dentate status	DEPEDENT	1890
Completion code: coronal caries	DEPCCFLG	1891
Completion code: root caries	DEPRSFLG	1892
Completion code: restoration & condition	DEPRCFLG	1893
Completion code: traumatic injuries	DEPTRFLG	1894
Completion code: gingival bleeding	DEPGNFLG	1895
Completion code: calculus	DEPCLFLG	1896
Completion code: FGM/CEJ	DEPCJFLG	1897
Completion code: pocket assessment	DEPPCFLG	1898
Completion code: loss of attachment	DEPLAFLG	1899
Completion code: denture questionnaire	DEPDQFLG	1900
Nursing bottle caries	DEPNURSC	1901
Sum of permanent DMFS due to disease	DEPDMFS1	1902-1904
Sum of permanent DFMS due to any cause	DEPDMFS2	1905-1907
Sum of permanent DFS	DEPDFSP	1908-1910
Sum of deciduous or primary dfs	DEPDFSDC	1911-1912
Sum of deciduous or primary dft	DEPDFTDC	1913-1914
Sum of permanent DMFT due to disease	DEPDMFT1	1915-1916
Sum of permanent DMFT due to any cause	DEPDMFT2	1917-1918
DENTAL CARIES		
Cor.surf: upper left cen incisor: filler	DEPCS1	1919
Cor.surf: upper lft cen incisor: lingual	DEPCS2	1920-1921
Cor.surf: upper left cen incisor: buccal	DEPCS3	1922-1923
Cor.surf: upper left cen incisor: mesial	DEPCS4	1924-1925
Cor.surf: upper left cen incisor: distal	DEPCS5	1926-1927
Cor.surf: upper left lat incisor: filler	DEPCS6	1928
Cor.surf: upper lft lat incisor: lingual	DEPCS7	1929-1930
Cor.surf: upper left lat incisor: buccal	DEPCS8	1931-1932
Cor.surf: upper left lat incisor: mesial	DEPCS9	1933-1934
Cor.surf: upper left lat incisor: distal	DEPCS10	1935-1936
Cor.surf: upper left cuspid: filler	DEPCS11	1937
Cor.surf: upper left cuspid: lingual	DEPCS12	1938-1939

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Description	Variable Name	Positions
Cor.surf: upper left cuspid: buccal	DEPCS13	1940-1941
Cor.surf: upper left cuspid: mesial	DEPCS14	1942-1943
Cor.surf: upper left cuspid: distal	DEPCS15	1944-1945
Cor.surf: upper left 1bicuspid: occlusal	DEPCS16	1946-1947
Cor.surf: upper left 1bicuspid: lingual	DEPCS17	1948-1949
Cor.surf: upper left 1bicuspid: buccal	DEPCS18	1950-1951
Cor.surf: upper left 1bicuspid: mesial	DEPCS19	1952-1953
Cor.surf: upper left 1bicuspid: distal	DEPCS20	1954-1955
Cor.surf: upper left 2bicuspid: occlusal	DEPCS21	1956-1957
Cor.surf: upper left 2bicuspid: lingual	DEPCS22	1958-1959
Cor.surf: upper left 2bicuspid: buccal	DEPCS23	1960-1961
Cor.surf: upper left 2bicuspid: mesial	DEPCS24	1962-1963
Cor.surf: upper left 2bicuspid: distal	DEPCS25	1964-1965
Cor.surf: upper left 1molar: occlusal	DEPCS26	1966-1967
Cor.surf: upper left 1molar: lingual	DEPCS27	1968-1969
Cor.surf: upper left 1molar: buccal	DEPCS28	1970-1971
Cor.surf: upper left 1molar: mesial	DEPCS29	1972-1973
Cor.surf: upper left 1molar: distal	DEPCS30	1974-1975
Cor.surf: upper left 2molar: occlusal	DEPCS31	1976-1977
Cor.surf: upper left 2molar: lingual	DEPCS32	1978-1979
Cor.surf: upper left 2molar: buccal	DEPCS33	1980-1981
Cor.surf: upper left 2molar: mesial	DEPCS34	1982-1983
Cor.surf: upper left 2molar: distal	DEPCS35	1984-1985
Cor.surf: upper rt cen incisor: filler	DEPCS36	1986
Cor.surf: upper rt cen incisor:lingual	DEPCS37	1987-1988
Cor.surf: upper rt cen incisor: buccal	DEPCS38	1989-1990
Cor.surf: upper rt cen incisor: mesial	DEPCS39	1991-1992
Cor.surf: upper rt cen incisor: distal	DEPCS40	1993-1994
Cor.surf: upper rt lat incisor: filler	DEPCS41	1995
Cor.surf: upper rt lat incisor: lingual	DEPCS42	1996-1997
Cor.surf: upper rt lat incisor: buccal	DEPCS43	1998-1999
Cor.surf: upper rt lat incisor: mesial	DEPCS44	2000-2001
Cor.surf: upper rt lat incisor: distal	DEPCS45	2002-2003
Cor.surf: upper right cuspid: filler	DEPCS46	2004
Cor.surf: upper right cuspid: lingual	DEPCS47	2005-2006
Cor.surf: upper right cuspid: buccal	DEPCS48	2007-2008
Cor.surf: upper right cuspid: mesial	DEPCS49	2009-2010
Cor.surf: upper right cuspid: distal	DEPCS50	2011-2012
Cor.surf: upper rt 1bicuspid: occlusal	DEPCS51	2013-2014

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Description	Variable Name	Positions
Cor.surf: upper right 1bicuspid: lingual	DEPCS52	2015-2016
Cor.surf: upper right 1bicuspid: buccal	DEPCS53	2017-2018
Cor.surf: upper right 1bicuspid: mesial	DEPCS54	2019-2020
Cor.surf: upper right 1bicuspid: distal	DEPCS55	2021-2022
Cor.surf: upper rt 2bicuspid: occlusal	DEPCS56	2023-2024
Cor.surf: upper rt 2bicuspid: lingual	DEPCS57	2025-2026
Cor.surf: upper rt 2bicuspid: buccal	DEPCS58	2027-2028
Cor.surf: upper rt 2bicuspid: mesial	DEPCS59	2029-2030
Cor.surf: upper rt 2bicuspid: distal	DEPCS60	2031-2032
Cor.surf: upper right 1molar: occlusal	DEPCS61	2033-2034
Cor.surf: upper right 1molar: lingual	DEPCS62	2035-2036
Cor.surf: upper right 1molar: buccal	DEPCS63	2037-2038
Cor.surf: upper right 1molar: mesial	DEPCS64	2039-2040
Cor.surf: upper right 1molar: distal	DEPCS65	2041-2042
Cor.surf: upper right 2molar: occlusal	DEPCS66	2043-2044
Cor.surf: upper right 2molar: lingual	DEPCS67	2045-2046
Cor.surf: upper right 2molar: buccal	DEPCS68	2047-2048
Cor.surf: upper right 2molar: mesial	DEPCS69	2049-2050
Cor.surf: upper right 2molar: distal	DEPCS70	2051-2052
Cor.surf: lower left cen incisor: filler	DEPCS71	2053
Cor.surf: lower left cen incisor:lingual	DEPCS72	2054-2055
Cor.surf: lower left cen incisor: buccal	DEPCS73	2056-2057
Cor.surf: lower left cen incisor: mesial	DEPCS74	2058-2059
Cor.surf: lower left cen incisor: distal	DEPCS75	2060-2061
Cor.surf: lower left lat incisor: filler	DEPCS76	2062
Cor.surf: lower left lat incisor:lingual	DEPCS77	2063-2064
Cor.surf: lower left lat incisor: buccal	DEPCS78	2065-2066
Cor.surf: lower left lat incisor: mesial	DEPCS79	2067-2068
Cor.surf: lower left lat incisor: distal	DEPCS80	2069-2070
Cor.surf: lower left cuspid: filler	DEPCS81	2071
Cor.surf: lower left cuspid: lingual	DEPCS82	2072-2073
Cor.surf: lower left cuspid: buccal	DEPCS83	2074-2075
Cor.surf: lower left cuspid: mesial	DEPCS84	2076-2077
Cor.surf: lower left cuspid: distal	DEPCS85	2078-2079
Cor.surf: lower left 1bicuspid: occlusal	DEPCS86	2080-2081
Cor.surf: lower left 1bicuspid: lingual	DEPCS87	2082-2083
Cor.surf: lower left 1bicuspid: buccal	DEPCS88	2084-2085
Cor.surf: lower left 1bicuspid: mesial	DEPCS89	2086-2087
Cor.surf: lower left 1bicuspid: distal	DEPCS90	2088-2089

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Description	Variable Name	Positions
Cor.surf: lower left 2bicuspid: occlusal	DEPCS91	2090-2091
Cor.surf: lower left 2bicuspid: lingual	DEPCS92	2092-2093
Cor.surf: lower left 2bicuspid: buccal	DEPCS93	2094-2095
Cor.surf: lower left 2bicuspid: mesial	DEPCS94	2096-2097
Cor.surf: lower left 2bicuspid: distal	DEPCS95	2098-2099
Cor.surf: lower left 1molar: occlusal	DEPCS96	2100-2101
Cor.surf: lower left 1molar: lingual	DEPCS97	2102-2103
Cor.surf: lower left 1molar: buccal	DEPCS98	2104-2105
Cor.surf: lower left 1molar: mesial	DEPCS99	2106-2107
Cor.surf: lower left 1molar: distal	DEPCS100	2108-2109
Cor.surf: lower left 2molar: occlusal	DEPCS101	2110-2111
Cor.surf: lower left 2molar: lingual	DEPCS102	2112-2113
Cor.surf: lower left 2molar: buccal	DEPCS103	2114-2115
Cor.surf: lower left 2molar: mesial	DEPCS104	2116-2117
Cor.surf: lower left 2molar: distal	DEPCS105	2118-2119
Cor.surf: lower rt cen incisor: filler	DEPCS106	2120
Cor.surf: lower rt cen incisor: lingual	DEPCS107	2121-2122
Cor.surf: lower rt cen incisor: buccal	DEPCS108	2123-2124
Cor.surf: lower rt cen incisor: mesial	DEPCS109	2125-2126
Cor.surf: lower rt cen incisor: distal	DEPCS110	2127-2128
Cor.surf: lower rt lat incisor: filler	DEPCS111	2129
Cor.surf: lower rt lat incisor: lingual	DEPCS112	2130-2131
Cor.surf: lower rt lat incisor: buccal	DEPCS113	2132-2133
Cor.surf: lower rt lat incisor: mesial	DEPCS114	2134-2135
Cor.surf: lower rt lat incisor: distal	DEPCS115	2136-2137
Cor.surf: lower right cuspid: filler	DEPCS116	2138
Cor.surf: lower right cuspid: lingual	DEPCS117	2139-2140
Cor.surf: lower right cuspid: buccal	DEPCS118	2141-2142
Cor.surf: lower right cuspid: mesial	DEPCS119	2143-2144
Cor.surf: lower right cuspid: distal	DEPCS120	2145-2146
Cor.surf: lower rt 1bicuspid: occlusal	DEPCS121	2147-2148
Cor.surf: lower rt 1bicuspid: lingual	DEPCS122	2149-2150
Cor.surf: lower rt 1bicuspid: buccal	DEPCS123	2151-2152
Cor.surf: lower rt 1bicuspid: mesial	DEPCS124	2153-2154
Cor.surf: lower rt 1bicuspid: distal	DEPCS125	2155-2156
Cor.surf: lower rt 2bicuspid: occlusal	DEPCS126	2157-2158
Cor.surf: lower rt 2bicuspid : lingual	DEPCS127	2159-2160
Cor.surf: lower rt 2bicuspid: buccal	DEPCS128	2161-2162
Cor.surf: lower rt 2bicuspid: mesial	DEPCS129	2163-2164

Description	Variable Name	Positions
Cor.surf: lower rt 2bicuspid: distal	DEPCS130	2165-2166
Cor.surf: lower right 1molar: occlusal	DEPCS131	2167-2168
Cor.surf: lower right 1molar: lingual	DEPCS132	2169-2170
Cor.surf: lower right 1molar: buccal	DEPCS133	2171-2172
Cor.surf: lower right 1molar: mesial	DEPCS134	2173-2174
Cor.surf: lower right 1molar: distal	DEPCS135	2175-2176
Cor.surf: lower right 2molar: occlusal	DEPCS136	2177-2178
Cor.surf: lower right 2molar: lingual	DEPCS137	2179-2180
Cor.surf: lower right 2molar: buccal	DEPCS138	2181-2182
Cor.surf: lower right 2molar: mesial	DEPCS139	2183-2184
Cor.surf: lower right 2molar: distal	DEPCS140	2185-2186
Cor.tooth call: upper left cen incisor	DEPCT1	2187-2188
Cor.tooth call: upper left lat incisor	DEPCT2	2189-2190
Cor.tooth call: upper left cuspid	DEPCT3	2191-2192
Cor.tooth call: upper left 1bicuspid	DEPCT4	2193-2194
Cor.tooth call: upper left 2bicuspid	DEPCT5	2195-2196
Cor.tooth call: upper left 1molar	DEPCT6	2197-2198
Cor.tooth call: upper left 2molar	DEPCT7	2199-2200
Cor.tooth call: upper left 3molar	DEP3M1	2201
Cor.tooth call: upper rt central incisor	DEPCT8	2202-2203
Cor.tooth call: upper rt lateral incisor	DEPCT9	2204-2205
Cor.tooth call: upper right cuspid	DEPCT10	2206-2207
Cor.tooth call: upper right 1bicuspid	DEPCT11	2208-2209
Cor.tooth call: upper right 2bicuspid	DEPCT12	2210-2211
Cor.tooth call: upper right 1molar	DEPCT13	2212-2213
Cor.tooth call: upper right 2molar	DEPCT14	2214-2215
Cor.tooth call: upper right 3molar	DEP3M2	2216
Cor.tooth call: lower left cent incisor	DEPCT15	2217-2218
Cor.tooth call: lower left lat incisor	DEPCT16	2219-2220
Cor.tooth call: lower left cuspid	DEPCT17	2221-2222
Cor.tooth call: lower left 1bicuspid	DEPCT18	2223-2224
Cor.tooth call: lower left 2bicuspid	DEPCT19	2225-2226
Cor.tooth call: lower left 1molar	DEPCT20	2227-2228
Cor.tooth call: lower left 2molar	DEPCT21	2229-2230
Cor.tooth call: lower left 3molar	DEP3M3	2231
Cor.tooth call: lower rt central incisor	DEPCT22	2232-2233
Cor.tooth call: lower rt lateral incisor	DEPCT23	2234-2235
Cor.tooth call: lower right cuspid	DEPCT24	2236-2237
Cor.tooth call: lower right 1bicuspid	DEPCT25	2238-2239

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Description	Variable Name	Positions
Cor.tooth call: lower right 2bicuspid	DEPCT26	2240-2241
Cor.tooth call: lower right 1molar	DEPCT27	2242-2243
cor tooth call: lower right 2molar	DEPCT28	2244-2245
Cor.tooth call: lower right 3molar	DEP3M4	2246
Cor. sealant: upper left central incisor	DEPSE1	2247
Cor. sealant: upper left lateral incisor	DEPSE2	2248
Cor. sealant: upper left cuspid	DEPSE3	2249
Cor. sealant: upper left 1bicuspid	DEPSE4	2250
Cor. sealant: upper left 2bicuspid	DEPSE5	2251
Cor. sealant: upper left 1molar	DEPSE6	2252
Cor. sealant: upper left 2molar	DEPSE7	2253
Cor. sealant: upper rt central incisor	DEPSE8	2254
Cor. sealant: upper rt lateral incisor	DEPSE9	2255
Cor. sealant: upper right cuspid	DEPSE10	2256
Cor. sealant: upper right 1bicuspid	DEPSE11	2257
Cor. sealant: upper right 2bicuspid	DEPSE12	2258
Cor. sealant: upper right 1molar	DEPSE13	2259
Cor. sealant: upper right 2molar	DEPSE14	2260
Cor. sealant: lower left central incisor	DEPSE15	2261
Cor. sealant: lower left lateral incisor	DEPSE16	2262
Cor. sealant: lower left cuspid	DEPSE17	2263
Cor. sealant: lower left 1bicuspid	DEPSE18	2264
Cor. sealant: lower left 2bicuspid	DEPSE19	2265
Cor. sealant: lower left 1molar	DEPSE20	2266
Cor. sealant: lower left 2molar	DEPSE21	2267
Cor. sealant: lower rt central incisor	DEPSE22	2268
Cor. sealant: lower rt lateral incisor	DEPSE23	2269
Cor. sealant: lower right cuspid	DEPSE24	2270
Cor. sealant: lower right 1bicuspid	DEPSE25	2271
Cor. sealant: lower right 2bicuspid	DEPSE26	2272
Cor. sealant: lower right 1molar	DEPSE27	2273
Cor. sealant: lower right 2molar	DEPSE28	2274
Root surf: upr left cen incisor: lingual	DEPRS1	2275
Root surf: upper lft cen incisor: buccal	DEPRS2	2276
Root surf: upper lft cen incisor: mesial	DEPRS3	2277
Root surf: upper lft cen incisor: distal	DEPRS4	2278
Root surf:upper left lat incisor:lingual	DEPRS5	2279
Root surf: upper lft lat incisor: buccal	DEPRS6	2280
Root surf: upper lft lat incisor: mesial	DEPRS7	2281

Description	Variable Name	Positions
Root surf: upper lft lat incisor: distal	DEPRS8	2282
Root surf: upper left cuspid: lingual	DEPRS9	2283
Root surf: upper left cuspid: buccal	DEPRS10	2284
Root surf: upper left cuspid: mesial	DEPRS11	2285
Root surf: upper left cuspid: distal	DEPRS12	2286
Root surf: upper left 1bicuspid: lingual	DEPRS13	2287
Root surf: upper left 1bicuspid: buccal	DEPRS14	2288
Root surf: upper left 1bicuspid: mesial	DEPRS15	2289
Root surf: upper left 1bicuspid: distal	DEPRS16	2290
Root surf: upper left 2bicuspid: lingual	DEPRS17	2291
Root surf: upper left 2bicuspid: buccal	DEPRS18	2292
Root surf: upper left 2bicuspid: mesial	DEPRS19	2293
Root surf: upper left 2bicuspid: distal	DEPRS20	2294
Root surf: upper left 1molar: lingual	DEPRS21	2295
Root surf: upper left 1molar: buccal	DEPRS22	2296
Root surf: upper left 1molar: mesial	DEPRS23	2297
Root surf: upper left 1molar: distal	DEPRS24	2298
Root surf: upper left 2molar: lingual	DEPRS25	2299
Root surf: upper left 2molar: buccal	DEPRS26	2300
Root surf: upper left 2molar: mesial	DEPRS27	2301
Root surf: upper left 2molar: distal	DEPRS28	2302
Root surf: upper rt cen incisor: lingual	DEPRS29	2303
Root surf: upper rt cen incisor: buccal	DEPRS30	2304
Root surf: upper rt cen incisor: mesial	DEPRS31	2305
Root surf: upper rt cen incisor: distal	DEPRS32	2306
Root surf: upper rt lat incisor: lingual	DEPRS33	2307
Root surf: upper rt lat incisor: buccal	DEPRS34	2308
Root surf: upper rt lat incisor: mesial	DEPRS35	2309
Root surf: upper rt lat incisor: distal	DEPRS36	2310
Root surf: upper right cuspid: lingual	DEPRS37	2311
Root surf: upper right cuspid: buccal	DEPRS38	2312
Root surf: upper right cuspid: mesial	DEPRS39	2313
Root surf: upper right cuspid: distal	DEPRS40	2314
Root surf: upper rt 1bicuspid: lingual	DEPRS41	2315
Root surf: upper right 1bicuspid: buccal	DEPRS42	2316
Root surf: upper right 1bicuspid: mesial	DEPRS43	2317
Root surf: upper right 1bicuspid: distal	DEPRS44	2318
Root surf: upper rt 2bicuspid: lingual	DEPRS45	2319
Root surf: upper right 2bicuspid: buccal	DEPRS46	2320

Description	Variable Name	Positions
Root surf: upper right 2bicuspid: mesial	DEPRS47	2321
Root surf: upper right 2bicuspid: distal	DEPRS48	2322
Root surf: upper right 1molar: lingual	DEPRS49	2323
Root surf: upper right 1molar: buccal	DEPRS50	2324
Root surf: upper right 1molar: mesial	DEPRS51	2325
Root surf: upper right 1molar: distal	DEPRS52	2326
Root surf: upper right 2molar: lingual	DEPRS53	2327
Root surf: upper right 2molar: buccal	DEPRS54	2328
Root surf: upper right 2molar: mesial	DEPRS55	2329
Root surf: upper right 2molar: distal	DEPRS56	2330
Root surf: lwr left cen incisor: lingual	DEPRS57	2331
Root surf: lwr left cen incisor: buccal	DEPRS58	2332
Root surf: lwr left cen incisor: mesial	DEPRS59	2333
Root surf: lwr left cen incisor: distal	DEPRS60	2334
Root surf: lwr left lat incisor: lingual	DEPRS61	2335
Root surf: lwr left lat incisor: buccal	DEPRS62	2336
Root surf: lwr left lat incisor: mesial	DEPRS63	2337
Root surf: lwr left lat incisor: distal	DEPRS64	2338
Root surf: lower left cuspid: lingual	DEPRS65	2339
Root surf: lower left cuspid: buccal	DEPRS66	2340
Root surf: lower left cuspid: mesial	DEPRS67	2341
Root surf: lower left cuspid: distal	DEPRS68	2342
Root surf: lower left 1bicuspid: lingual	DEPRS69	2343
Root surf: lower left 1bicuspid: buccal	DEPRS70	2344
Root surf: lower left 1bicuspid: mesial	DEPRS71	2345
Root surf: lower left 1bicuspid: distal	DEPRS72	2346
Root surf: lower left 2bicuspid: lingual	DEPRS73	2347
Root surf: lower left 2bicuspid: buccal	DEPRS74	2348
Root surf: lower left 2bicuspid: mesial	DEPRS75	2349
Root surf: lower left 2bicuspid: distal	DEPRS76	2350
Root surf: lower left 1molar: lingual	DEPRS77	2351
Root surf: lower left 1molar: buccal	DEPRS78	2352
Root surf: lower left 1molar: mesial	DEPRS79	2353
Root surf: lower left 1molar: distal	DEPRS80	2354
Root surf: lower left 2molar: lingual	DEPRS81	2355
Root surf: lower left 2molar: buccal	DEPRS82	2356
Root surf: lower left 2molar: mesial	DEPRS83	2357
Root surf: lower left 2molar: distal	DEPRS84	2358
Root surf: lower rt cen incisor: lingual	DEPRS85	2359

Description	Variable Name	Positions
Root surf: lower rt cen incisor: buccal	DEPRS86	2360
Root surf: lower rt cen incisor: mesial	DEPRS87	2361
Root surf: lower rt cen incisor: distal	DEPRS88	2362
Root surf: lower rt lat incisor: lingual	DEPRS89	2363
Root surf: lower rt lat incisor: buccal	DEPRS90	2364
Root surf: lower rt lat incisor: mesial	DEPRS91	2365
Root surf: lower rt lat incisor: distal	DEPRS92	2366
Root surf: lower right cuspid: lingual	DEPRS93	2367
Root surf: lower right cuspid: buccal	DEPRS94	2368
Root surf: lower right cuspid: mesial	DEPRS95	2369
Root surf: lower right cuspid: distal	DEPRS96	2370
Root surf: lower rt 1bicuspid: lingual	DEPRS97	2371
Root surf: lower right 1bicuspid: buccal	DEPRS98	2372
Root surf: lower right 1bicuspid: mesial	DEPRS99	2373
Root surf: lower right 1bicuspid: distal	DEPRS100	2374
Root surf: lower rt 2bicuspid: lingual	DEPRS101	2375
Root surf: lower right 2bicuspid: buccal	DEPRS102	2376
Root surf: lower right 2bicuspid: mesial	DEPRS103	2377
Root surf: lower right 2bicuspid: distal	DEPRS104	2378
Root surf: lower right 1molar: lingual	DEPRS105	2379
Root surf: lower right 1molar: buccal	DEPRS106	2380
Root surf: lower right 1molar: mesial	DEPRS107	2381
Root surf: lower right 1molar: distal	DEPRS108	2382
Root surf: lower right 2molar: lingual	DEPRS109	2383
Root surf: lower right 2molar: buccal	DEPRS110	2384
Root surf: lower right 2molar: mesial	DEPRS111	2385
Root surf: lower right 2molar: distal	DEPRS112	2386
PERIODONTAL ASSESSMENTS		
Perio:ging bleed,uppr cen incisor:mesial	DEPUGN1	2387
Perio:ging bleed,uppr cen incisor:buccal	DEPUGN2	2388
Perio:ging bleed,uppr lat incisor:mesial	DEPUGN3	2389
Perio:ging bleed,uppr lat incisor:buccal	DEPUGN4	2390
Perio:ging bleed, upper cuspid: mesial	DEPUGN5	2391
Perio:ging bleed, upper cuspid: buccal	DEPUGN6	2392
Perio:ging bleed,upper 1bicuspid: mesial	DEPUGN7	2393
Perio:ging bleed,upper 1bicuspid: buccal	DEPUGN8	2394

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Description	Variable Name	Positions
Perio:ging bleed,upper 2bicuspid: mesial	DEPUGN9	2395
Perio:ging bleed,upper 2bicuspid: buccal	DEPUGN10	2396
Perio:ging bleed, upper 1molar: mesial	DEPUGN11	2397
Perio:ging bleed, upper 1molar: buccal	DEPUGN12	2398
Perio:ging bleed, upper 2molar: mesial	DEPUGN13	2399
Perio:ging bleed, upper 2molar: buccal	DEPUGN14	2400
Perio:ging bleed,lwr cen incisor:mesial	DEPLGN1	2401
Perio:ging bleed,lwr cen incisor:buccal	DEPLGN2	2402
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Perio:ging bleed,lwr lat incisor:buccal	DEPLGN4	2404
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Equiv volume at -240 daPa, left ear (ml)	TYPC032L	3366-3370
Equiv volume at -235 daPa, left ear (ml)	TYPC033L	3371-3375
Equiv volume at -230 daPa, left ear (ml)	TYPC034L	3376-3380
Equiv volume at -225 daPa, left ear (ml)	TYPC035L	3381-3385
Equiv volume at -220 daPa, left ear (ml)	TYPC036L	3386-3390
Equiv volume at -215 daPa, left ear (ml)	TYPC037L	3391-3395
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Equiv volume at -135 daPa, left ear (ml)	TYPC053L	3471-3475
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Equiv volume at -125 daPa, left ear (ml)	TYPC055L	3481-3485
Equiv volume at -120 daPa, left ear (ml)	TYPC056L	3486-3490
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Equiv volume at -105 daPa, left ear (ml)	TYPC059L	3501-3505
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Equiv volume at -55 daPa, left ear (ml)	TYPC069L	3551-3555
Equiv volume at -50 daPa, left ear (ml)	TYPC070L	3556-3560
Equiv volume at -45 daPa, left ear (ml)	TYPC071L	3561-3565
Equiv volume at -40 daPa, left ear (ml)	TYPC072L	3566-3570
Equiv volume at -35 daPa, left ear (ml)	TYPC073L	3571-3575
Equiv volume at -30 daPa, left ear (ml)	TYPC074L	3576-3580
Equiv volume at -25 daPa, left ear (ml)	TYPC075L	3581-3585
Equiv volume at -20 daPa, left ear (ml)	TYPC076L	3586-3590
Equiv volume at -15 daPa, left ear (ml)	TYPC077L	3591-3595
Equiv volume at -10 daPa, left ear (ml)	TYPC078L	3596-3600
Equiv volume at -5 daPa, left ear (ml)	TYPC079L	3601-3605
Equiv volume at 0 daPa, left ear (ml)	TYPC080L	3606-3610
Equiv volume at 5 daPa, left ear (ml)	TYPC081L	3611-3615
Equiv volume at 10 daPa, left ear (ml)	TYPC082L	3616-3620
Equiv volume at 15 daPa, left ear (ml)	TYPC083L	3621-3625
Equiv volume at 20 daPa, left ear (ml)	TYPC084L	3626-3630
Equiv volume at 25 daPa, left ear (ml)	TYPC085L	3631-3635
Equiv volume at 30 daPa, left ear (ml)	TYPC086L	3636-3640
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Equiv volume at 45 daPa, left ear (ml)	TYPC089L	3651-3655
Equiv volume at 50 daPa, left ear (ml)	TYPC090L	3656-3660
Equiv volume at 55 daPa, left ear (ml)	TYPC091L	3661-3665
Equiv volume at 60 daPa, left ear (ml)	TYPC092L	3666-3670
Equiv volume at 65 daPa, left ear (ml)	TYPC093L	3671-3675
Equiv volume at 70 daPa, left ear (ml)	TYPC094L	3676-3680
Equiv volume at 75 daPa, left ear (ml)	TYPC095L	3681-3685
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Equiv volume at 85 daPa, left ear (ml)	TYPC097L	3691-3695
Equiv volume at 90 daPa, left ear (ml)	TYPC098L	3696-3700
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Equiv volume at 150 daPa, left ear (ml)	TYPC110L	3756-3760
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Equiv volume at 160 daPa, left ear (ml)	TYPC112L	3766-3770
Equiv volume at 165 daPa, left ear (ml)	TYPC113L	3771-3775
Equiv volume at 170 daPa, left ear (ml)	TYPC114L	3776-3780
Equiv volume at 175 daPa, left ear (ml)	TYPC115L	3781-3785
Equiv volume at 180 daPa, left ear (ml)	TYPC116L	3786-3790
Equiv volume at 185 daPa, left ear (ml)	TYPC117L	3791-3795
Equiv volume at 190 daPa, left ear (ml)	TYPC118L	3796-3800
Equiv volume at 195 daPa, left ear (ml)	TYPC119L	3801-3805
Equiv volume at 200 daPa, left ear (ml)	TYPC120L	3806-3810
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Equiv volume at -395 daPa, right ear(ml)	TYPC001R	3816-3820
Equiv volume at -390 daPa, right ear(ml)	TYPC002R	3821-3825
Equiv volume at -385 daPa, right ear(ml)	TYPC003R	3826-3830
Equiv volume at -380 daPa, right ear(ml)	TYPC004R	3831-3835
Equiv volume at -375 daPa, right ear(ml)	TYPC005R	3836-3840
Equiv volume at -370 daPa, right ear(ml)	TYPC006R	3841-3845
Equiv volume at -365 daPa, right ear(ml)	TYPC007R	3846-3850
Equiv volume at -360 daPa, right ear(ml)	TYPC008R	3851-3855
Equiv volume at -355 daPa, right ear(ml)	TYPC009R	3856-3860
Equiv volume at -350 daPa, right ear(ml)	TYPC010R	3861-3865
Equiv volume at -345 daPa, right ear(ml)	TYPC011R	3866-3870
Equiv volume at -340 daPa, right ear(ml)	TYPC012R	3871-3875
Equiv volume at -335 daPa, right ear(ml)	TYPC013R	3876-3880
Equiv volume at -330 daPa, right ear(ml)	TYPC014R	3881-3885
Equiv volume at -325 daPa, right ear(ml)	TYPC015R	3886-3890
Equiv volume at -320 daPa, right ear(ml)	TYPC016R	3891-3895
Equiv volume at -315 daPa, right ear(ml)	TYPC017R	3896-3900
Equiv volume at -310 daPa, right ear(ml)	TYPC018R	3901-3905
Equiv volume at -305 daPa, right ear(ml)	TYPC019R	3906-3910
Equiv volume at -300 daPa, right ear(ml)	TYPC020R	3911-3915
Equiv volume at -295 daPa, right ear(ml)	TYPC021R	3916-3920
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Equiv volume at -260 daPa, right ear(ml)	TYPC028R	3951-3955
Equiv volume at -255 daPa, right ear(ml)	TYPC029R	3956-3960
Equiv volume at -250 daPa, right ear(ml)	TYPC030R	3961-3965
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Equiv volume at -230 daPa, right ear(ml)	TYPC034R	3981-3985
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Equiv volume at -215 daPa, right ear(ml)	TYPC037R	3996-4000
Equiv volume at -210 daPa, right ear(ml)	TYPC038R	4001-4005
Equiv volume at -205 daPa, right ear(ml)	TYPC039R	4006-4010
Equiv volume at -200 daPa, right ear(ml)	TYPC040R	4011-4015
Equiv volume at -195 daPa, right ear(ml)	TYPC041R	4016-4020
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Equiv volume at -140 daPa, right ear(ml)	TYPC052R	4071-4075
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Equiv volume at -120 daPa, right ear(ml)	TYPC056R	4091-4095
Equiv volume at -115 daPa, right ear(ml)	TYPC057R	4096-4100
Equiv volume at -110 daPa, right ear(ml)	TYPC058R	4101-4105
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Equiv volume at -100 daPa, right ear(ml)	TYPC060R	4111-4115
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Equiv volume at -75 daPa, right ear (ml)	TYPC065R	4136-4140
Equiv volume at -70 daPa, right ear (ml)	TYPC066R	4141-4145
Equiv volume at -65 daPa, right ear (ml)	TYPC067R	4146-4150
Equiv volume at -60 daPa, right ear (ml)	TYPC068R	4151-4155
Equiv volume at -55 daPa, right ear (ml)	TYPC069R	4156-4160
Equiv volume at -50 daPa, right ear (ml)	TYPC070R	4161-4165
Equiv volume at -45 daPa, right ear (ml)	TYPC071R	4166-4170
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Equiv volume at -35 daPa, right ear (ml)	TYPC073R	4176-4180
Equiv volume at -30 daPa, right ear (ml)	TYPC074R	4181-4185
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Equiv volume at -20 daPa, right ear (ml)	TYPC076R	4191-4195
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Equiv volume at -10 daPa, right ear (ml)	TYPC078R	4201-4205
Equiv volume at -5 daPa, right ear (ml)	TYPC079R	4206-4210
Equiv volume at 0 daPa, right ear (ml)	TYPC080R	4211-4215
Equiv volume at 5 daPa, right ear (ml)	TYPC081R	4216-4220
Equiv volume at 10 daPa, right ear (ml)	TYPC082R	4221-4225
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Equiv volume at 20 daPa, right ear (ml)	TYPC084R	4231-4235
Equiv volume at 25 daPa, right ear (ml)	TYPC085R	4236-4240
Equiv volume at 30 daPa, right ear (ml)	TYPC086R	4241-4245
Equiv volume at 35 daPa, right ear (ml)	TYPC087R	4246-4250
Equiv volume at 40 daPa, right ear (ml)	TYPC088R	4251-4255
Equiv volume at 45 daPa, right ear (ml)	TYPC089R	4256-4260
Equiv volume at 50 daPa, right ear (ml)	TYPC090R	4261-4265
Equiv volume at 55 daPa, right ear (ml)	TYPC091R	4266-4270
Equiv volume at 60 daPa, right ear (ml)	TYPC092R	4271-4275
Equiv volume at 65 daPa, right ear (ml)	TYPC093R	4276-4280
Equiv volume at 70 daPa, right ear (ml)	TYPC094R	4281-4285
Equiv volume at 75 daPa, right ear (ml)	TYPC095R	4286-4290
Equiv volume at 80 daPa, right ear (ml)	TYPC096R	4291-4295
Equiv volume at 85 daPa, right ear (ml)	TYPC097R	4296-4300
Equiv volume at 90 daPa, right ear (ml)	TYPC098R	4301-4305
Equiv volume at 95 daPa, right ear (ml)	TYPC099R	4306-4310
Equiv volume at 100 daPa, right ear (ml)	TYPC100R	4311-4315
Equiv volume at 105 daPa, right ear (ml)	TYPC101R	4316-4320

Description	Variable Name	Positions
Equiv volume at 110 daPa, right ear (ml)	TYPC102R	4321-4325
Equiv volume at 115 daPa, right ear (ml)	TYPC103R	4326-4330
Equiv volume at 120 daPa, right ear (ml)	TYPC104R	4331-4335
Equiv volume at 125 daPa, right ear (ml)	TYPC105R	4336-4340
Equiv volume at 130 daPa, right ear (ml)	TYPC106R	4341-4345
Equiv volume at 135 daPa, right ear (ml)	TYPC107R	4346-4350
Equiv volume at 140 daPa, right ear (ml)	TYPC108R	4351-4355
Equiv volume at 145 daPa, right ear (ml)	TYPC109R	4356-4360
Equiv volume at 150 daPa, right ear (ml)	TYPC110R	4361-4365
Equiv volume at 155 daPa, right ear (ml)	TYPC111R	4366-4370
Equiv volume at 160 daPa, right ear (ml)	TYPC112R	4371-4375
Equiv volume at 165 daPa, right ear (ml)	TYPC113R	4376-4380
Equiv volume at 170 daPa, right ear (ml)	TYPC114R	4381-4385
Equiv volume at 175 daPa, right ear (ml)	TYPC115R	4386-4390
Equiv volume at 180 daPa, right ear (ml)	TYPC116R	4391-4395
Equiv volume at 185 daPa, right ear (ml)	TYPC117R	4396-4400
Equiv volume at 190 daPa, right ear (ml)	TYPC118R	4401-4405
Equiv volume at 195 daPa, right ear (ml)	TYPC119R	4406-4410
Equiv volume at 200 daPa, right ear (ml)	TYPC120R	4411-4415
Examiner	TYPTECH	4416-4420
WISC/WRAT COGNITIVE TEST		
RAW/STANDARDIZED/SCALED SCORES		
Math raw score	WWPMRSR	4421-4423
Reading raw score	WWPRRSR	4424-4426
Math standardized score	WWPMSSR	4427-4429
Reading standardized score	WWPRSSR	4430-4432
Math scaled score	WWPMSCSR	4433-4434
Reading scaled score	WWPRSCSR	4435-4436
Block design scaled score	WWPBSCSR	4437-4438
Digit span scaled score	WWPDSCSR	4439-4440
GENERAL INFORMATION		
Language used in exam	WWPLANG	4441
Examiner number	WWPTECH	4442-4446

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Description	Variable Name	Positions
SPIROMETRY		
SCREENING QUESTIONS		
Surgery on chest or abdomen past 3 weeks	SPPQ1	4447
Hospitalized for heart problem past 6 wk	SPPQ2	4448
Smoked cigarette, eaten, etc in past hr	SPPQ3	4449
Cough, cold or other acute illness	SPPQ4	4450
Respiratory infections past 3 weeks	SPPQ5	4451
HOME EXAMINATION		
Position for home examination	HXPEJ6A2	4452
DATA		
Examiner # - from spirometry data file	SPPTECH1	4453-4457
# forced vital cap(FVC) trials attempted	SPPTRIAL	4458-4459
Peak expiratory flow, largest value (ml)	SPPPEAK	4460-4464
Forced expiratory vol(FEV),.5 sec,max-ml	SPPFEV05	4465-4468
FEV1 at 1.0 seconds, largest value (ml)	SPPFEV1	4469-4472
FEV3 at 3.0 seconds, largest value (ml)	SPPFEV3	4473-4477
FEV6 at 6.0 seconds, largest value (ml)	SPPFEV6	4478-4482
FVC, largest value (ml)	SPPFVC	4483-4487
Max mid-expiratory flow(ml/sec best crv)	SPPMMEF	4488-4492
Spirometer type	SPPTYPE	4493
Reproducibility code	SPPREPRO	4494
Review evaluation	SPPRELIA	4495
Number of acceptable trials	SPPMANEU	4496-4497
Time of day test was conducted (hh:mm)	SPPTIME	4498-4502
Expir time of trial w/ largest FVC (sec)	SPPEXPIR	4503-4504
FEF at 75% of FVC (ml)	SPPFEF75	4505-4508
Spirometer internal temperature(Celsius)	SPPTEMP	4509-4510
MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)		
SECTION A. ACTIVITY		
Times per week exercise made you sweat	MYPA1	4511-4512

Description	Variable Name	Positions
# teams/exercise programs in past year	MYPA2	4513
Hours of TV watched yesterday	MYPA3	4514
SECTION B. TOBACCO		
Have you smoked at least one cigarette	MYPB1	4515
Age when smoked first cigarette	MYPB2	4516-4517
Have you smoked 100+ cigarettes in life	MYPB3	4518
Age first smoked cigarettes regularly	MYPB4	4519-4520
Do you smoke cigarettes now	MYPB5	4521
Cigarettes smoked per day	MYPB6R	4522-4523
Years smoked reported amount	MYPB7R	4524-4525
Smoked more than # in B6 for 1+ years	MYPB8	4526
Cigarettes smoked/day when smoked most	MYPB9S	4527-4528
Ever quit smoking for 1 year or more	MYPB10	4529
Cigarettes smoked in the past 5 days	MYPB11	4530-4532
Age last smoked cigarettes regularly	MYPB12	4533-4534
Cigarettes usually smoked per day	MYPB13S	4535-4537
Quit smoking due to health problems	MYPB14	4538
Ever tried chewing tobacco or snuff	MYPB15	4539
Age first tried chew tobacco or snuff	MYPB16	4540-4541
Used 5+ containers chew tobacco or snuff	MYPB17	4542
Age started using chew tobacco/snuff reg	MYPB18	4543-4544
Now use chewing tobacco or snuff	MYPB19	4545
Which use now - chewing tobacco or snuff	MYPB20	4546
Containers chewing tobacco used per week	MYPB21AS	4547-4548
Containers of snuff used per week	MYPB21CS	4549-4550
Place tobacco in side or front of mouth	MYPB22A	4551
Place tobacco in top or bottom of mouth	MYPB22B	4552
Containrs chew tobacco/snuff past 5 days	MYPB23	4553
Age last used chew tobacco/snuff reg	MYPB24	4554-4555
Which last used - chewing tobacco/snuff	MYPB25	4556
Quit chew tobacco/snuff due to health...	MYPB26	4557
How many pipes smoked in past 5 days	MYPB27A	4558
How many cigars smoked in past 5 days	MYPB27B	4559-4560
Age check item used in skip pattern	MYPB28	4561
Pieces of nicotine gum used past 5 days	MYPB29	4562-4563
SECTION C. REPRODUCTIVE HEALTH		
Age/sex check item used in skip pattern	MYPC1A	4564

Description	Variable Name	Positions
Age when menstrual cycles started	MYPC2	4565-4566
How long ago was your last period	MYPC3	4567-4568
Age check item used in skip pattern	MYPC4	4569
Ever taken birth control pills	MYPC5	4570
Age began taking birth control pills	MYPC6	4571-4572
How many months ago stopped BC pills	MYPC7S	4573-4574
How many months took birth control pills	MYPC8S	4575-4576
Brand of birth control pills code	MYPC9R	4577-4579
Have you ever been pregnant	MYPC10	4580
How many times have you been pregnant	MYPC11	4581
Total number of live births	MYPC12	4582
Age at first live birth	MYPC13R	4583-4584
Age at the time of last live birth	MYPC14	4585-4586
Did you breastfeed any of your children	MYPC15	4587
How many children did you breastfeed	MYPC16	4588
Are you now pregnant	MYPC17	4589
Month of current pregnancy	MYPC18	4590-4591
Have you been pregnant in the past 2 yrs	MYPC19	4592
Months since last pregnancy ended	MYPC20	4593
Receive benefits from WIC in last 12 mo	MYPC21	4594
Receiving benefits from WIC now	MYPC22	4595
How many months received WIC benefits	MYPC23S	4596-4597
C12 check item used in skip pattern	MYPC24	4598
Are you now breastfeeding your child	MYPC25	4599
Age/sex/pregnancy check item for skip	MYPC26	4600
Ever had sexual intercourse	MYPC27R	4601
Age at first sexual intercourse	MYPC28	4602-4603
SECTION D. SELECTED CONDITIONS/VITAMIN, MINERAL, AND MEDICINE USAGE		
Treated for anemia within past 3 months	MYPD1	4604
How many colds, flu, etc in past 4 weeks	MYPD2	4605-4606
Taken antihistamine in the past 2 days	MYPD3	4607
Taken prescription med in past 24 hrs	MYPD4	4608
Taken vitamins/minerals past 24 hours	MYPD5	4609
SECTION E. DIET		
How often do you eat breakfast	MYPE1	4610

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Description	Variable Name	Positions
Are you overweight, under, about right	MYPE2	4611
Want to weigh more, less, or stay same	MYPE3	4612
Tried to lose weight in past 12 months	MYPE4	4613
Currently trying to lose weight	MYPE5	4614
Change diet due to health past 12 months	MYPE6	4615
Diet change reason - overweight/obesity	MYPE7A	4616
Diet change reason - high blood pressure	MYPE7B	4617
Diet change - high blood cholesterol	MYPE7C	4618
Diet change reason - heart disease	MYPE7D	4619
Diet change reason - diabetes	MYPE7E	4620
Diet change reason - allergies	MYPE7F	4621
Diet change reason - ulcer	MYPE7G	4622
Diet change reason - cancer	MYPE7H	4623
Diet change reason - pregnancy	MYPE7I	4624
Diet change reason - health in general	MYPE7J	4625
Diet change reason - other	MYPE7K	4626
SECTION F. ALCOHOL/DRUG USE		
Had at least 12 drinks alcohol in life	MYPF1	4627
Had at least 12 drinks in last 12 months	MYPF2	4628
# of days drank alcohol in past 12 mos	MYPF3S	4629-4631
Average drinks per day on drinking day	MYPF4	4632-4633
# of days had 9+ drinks in past 12 mos	MYPF5S	4634-4636
# of days had 5+ drinks in past 12 mos	MYPF6S	4637-4639
Have you ever used marijuana	MYPF7	4640
Number of times used marijuana in life	MYPF8	4641
# of days used marijuana in past month	MYPF9	4642-4643
Have you ever used crack or cocaine	MYPF10	4644
Number times used crack/cocaine in life	MYPF11	4645
Days used crack/cocaine in past month	MYPF12	4646
SECTION H. RESPONDENT		
Check item.Respondent relationship to SP	MYPH1	4647
Reason for accepting proxy	MYPH2	4648
Was SP present during interview	MYPH3	4649

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Description	Variable Name	Positions
Examiner ID	MYPEXMNR	4650-4653
DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)		
MILK AND MILK PRODUCTS		
Chocolate milk and hot cocoa - times/mo	FFP1AS	4654-4656
Milk to drink or on cereal - times/month	FFP1BS	4657-4659
Type of milk used	FFP1D1	4660-4661
Yogurt and frozen yogurt - times/month	FFP1ES	4662-4664
Ice cream,ice milk,milkshakes - times/mo	FFP1FS	4665-4667
Cheese, all types - times/month	FFP1GS	4668-4670
Pizza, calzone, lasagna - times/month	FFP1HS	4671-4673
Cheese dishes - times/month	FFP1IS	4674-4676
MAIN DISHES, MEAT, FISH, CHICKEN, AND EGGS		
Stew or soup with vegetables - times/mo	FFP2AS	4677-4679
Spaghetti/pasta w/ tomato sauce-times/mo	FFP2BS	4680-4682
Bacon/sausage/processed meats - times/mo	FFP2CS	4683-4685
Liver and other organ meats - times/mo	FFP2DS	4686-4688
Beef - times/month	FFP2ES	4689-4691
Pork and ham - times/month	FFP2FS	4692-4694
Shrimp, clams, etc - times/mo	FFP2GS	4695-4696
Fish - times/month	FFP2HS	4697-4699
Chicken and turkey - times/month	FFP2IS	4700-4702
Eggs - times/month	FFP2JS	4703-4705
FRUIT AND FRUIT JUICES		
Orange juice, etc - times/month	FFP3AS	4706-4708
Other fruit juices - times/momth	FFP3BS	4709-4711
Citrus fruits - times/month	FFP3CS	4712-4714
Melons - times/month	FFP3DS	4715-4717
Peaches, nectarines, etc - times/month	FFP3ES	4718-4720
Any other fruits - times/month	FFP3FS	4721-4723
VEGETABLES		
Carrots - times/month	FFP4AS	4724-4726

Description	Variable Name	Positions
Broccoli - times/month	FFP4BS	4727-4729
Brussel sprouts/cauliflower - times/mo	FFP4CS	4730-4732
White potatoes - times/month	FFP4DS	4733-4735
Sweet potatoes, yams, etc - times/month	FFP4ES	4736-4737
Tomatoes - times/month	FFP4FS	4738-4740
Spinach, greens, etc - times/month	FFP4GS	4741-4743
Tossed salad - times/month	FFP4HS	4744-4746
Cabbage, cole slaw, sauerkraut-times/mo	FFP4IS	4747-4749
Hot red chili peppers - times/month	FFP4JS	4750-4752
Other peppers - times/month	FFP4KS	4753-4755
Any other vegetables - times/month	FFP4LS	4756-4758
BEANS, NUTS, AND GRAIN PRODUCTS		
Beans, lentils, chickpeas - times/month	FFP5AS	4759-4761
Peanuts, peanut butter, etc - times/mo	FFP5BS	4762-4764
Cereals: All-Bran, etc - times/month	FFP5CS	4765-4767
Cereals: Total, etc - times/month	FFP5DS	4768-4770
All other cold cereals - times/month	FFP5ES	4771-4773
Cooked, hot cereals - times/month	FFP5FS	4774-4776
White bread, rolls, etc - times/month	FFP5GS	4777-4779
Dark breads and rolls - times/month	FFP5HS	4780-4782
Corn bread, muffins, tortillas-times/mo	FFP5IS	4783-4785
Flour tortillas - times/month	FFP5JS	4786-4788
Rice - times/month	FFP5KS	4789-4791
Salted snacks - times/month	FFP5LS	4792-4794
DESSERTS, SWEETS, AND BEVERAGES		
Cakes, cookies, brownies, etc - times/mo	FFP6AS	4795-4797
Chocolate candy and fudge - times/month	FFP6BS	4798-4800
Hi-C, Tang, Koolaid, etc - times/month	FFP6CS	4801-4803
Diet colas, diet sodas, etc - times/mo	FFP6DS	4804-4806
Regular colas and sodas - times/month	FFP6ES	4807-4809
Regular coffee - times/month	FFP6FS	4810-4812
Regular tea - times/month	FFP6GS	4813-4815
Beer and lite beer - times/month	FFP6HS	4816-4818

Description	Variable Name	Positions
Wine, etc - times/month	FFP6IS	4819-4820
Hard liquor - times/month	FFP6JS	4821-4822
FATS		
Margarine - times/month	FFP7AS	4823-4825
Butter - times/month	FFP7BS	4826-4828
Oil/vinegar, mayonnaise, etc - times/mo	FFP7CS	4829-4831
OTHER FOODS OR BEVERAGES		
1st other food or beverage - specified	FFP8AFC	4832-4833
1st other food or beverage - times/month	FFP8AS	4834-4836
2nd other food or beverage - specified	FFP8BFC	4837-4838
2nd other food or beverage - times/month	FFP8BS	4839
GENERAL INFORMATION		
Respondent	FFP10	4840
Examiner number	FFPEXMNR	4841-4844
DIAGNOSTIC INTERVIEW SCHEDULE (DIS)		
Language of DIS interview	MQPDLANG	4845
Depression data flag	MQPDPFLG	4846
Mania data flag	MQPMNFLG	4847
Hard copy flag	MQPHCFLG	4848
G1 - DIS data flag	MQPG01	4849
G2 Lifetime depressed mood	MQPG02	4850
G3 2 years depressed mood	MQPG03	4851
G4 Tell doctor about depressed mood	MQPG04	4852
G05 Lost appetite symptom	MQPG05L	4853-4854
G05 Tell doctor	MQPG0501	4855
G06 Lost weight symptom	MQPG06L	4856-4857
G06 Tell doctor	MQPG0601	4858

NHANES III Examination Data File Index

Description	Variable Name	Positions
G07 Gain weight symptom	MQPG07L	4859-4860
G07 Tell doctor	MQPG0701	4861
# Pos eating symptom-depression lifetime	MQPDGP1L	4862
G08 Trouble sleep symptom	MQPG08L	4863-4864
G08 Tell doctor	MQPG0801	4865
G09 Sleep too much symptom	MQPG09L	4866-4867
G09 Tell doctor	MQPG0901	4868
# Pos sleep symptoms-depression lifetime	MQPDGP2L	4869
G10 Tired symptom	MQPG10L	4870-4871
G10 Tell doctor	MQPG1001	4872
# Pos tired symptoms-depression lifetime	MQPDGP3L	4873
G11 Talk/move slowly symptom	MQPG11L	4874-4875
G11 Tell doctor	MQPG1101	4876
G12 Move a lot symptom	MQPG12L	4877-4878
G12 Tell doctor	MQPG1201	4879
# Pos movement sym-depression lifetime	MQPDGP4L	4880
G13 Less sex symptom	MQPG13L	4881-4882
G13 Tell doctor	MQPG1301	4883
G13-D Tell other professional	MQPG1302	4884
G13-E Take medication >=1	MQPG1303	4885
G13-F Interfere alot	MQPG1304	4886
# Pos sexual symptom-depression lifetime	MQPDGP5L	4887
G14 Worthless,sinful or guilty symptom	MQPG14L	4888-4889
# Pos guilt symptoms-depression lifetime	MQPDGP6L	4890
G15 Concentrate symptom	MQPG15L	4891-4892
G15 Tell doctor	MQPG1501	4893
G16 Thoughts slow symptom	MQPG16L	4894-4895
G16 Tell doctor	MQPG1601	4896
# Pos think symptoms-depression lifetime	MQPDGP7L	4897
G17 Thought alot about death symptom	MQPG17L	4898-4899
G18 Felt like wanted to die symptom	MQPG18L	4900-4901
G19 Thought of commiting suicide symptom	MQPG19L	4902-4903
G20 Attempted suicide symptom	MQPG20L	4904-4905
# Pos death symptoms-depression lifetime	MQPDGP8L	4906
G21 Check item - ask about dep spells	MQPG21	4907
G22 Feel blue & have problem together	MQPG22	4908
G23 Sure never had problem together	MQPG23	4909
G24 Not feel blue but problem together	MQPG24	4910
G25 Problem together & feeling low	MQPG25	4911

NHANES III Examination Data File Index

Description	Variable Name	Positions
G26 Depression longest spell in weeks	MQPG26	4912-4915
G27 # depressed spells lifetime	MQPG27	4916-4918
G28 Tell doctor about depressed spells	MQPG28	4919
G29 Tell profess about depressed spells	MQPG29	4920
G30 Take med during depressed spells	MQPG30	4921
G31 Depressed spells interfere w/ life	MQPG31	4922
G32 Age of first depressed spell	MQPG32	4923-4924
G33 Depressed spells after death	MQPG33	4925
G34 Depressed spell only due to death	MQPG34	4926
G35 Depressed spell now	MQPG35	4927
G36 When last depressed spell end	MQPG36	4928
G37 Age last depressed spell end	MQPG37	4929-4930
G38 Check item - ask about worst spell	MQPG38	4931
G39 Age worst depressed spell	MQPG39	4932-4933
G05 Lost appetite worst	MQPG05W	4934
G06 Lost weight worst	MQPG06W	4935
G07 Gain weight worst	MQPG07W	4936
G08 Trouble sleep worst	MQPG08W	4937
G09 Sleep too much worst	MQPG09W	4938
G10 Tired worst	MQPG10W	4939
G11 Talk/move slowly worst	MQPG11W	4940
G12 Move a lot worst	MQPG12W	4941
G13 Less sex worst	MQPG13W	4942
G14 Worthless,sinful or guilty worst	MQPG14W	4943
G15 Concentrate worst	MQPG15W	4944
G16 Thoughts slow worst	MQPG16W	4945
G17 Thought alot about death worst	MQPG17W	4946
G18 Felt like wanted to die worst	MQPG18W	4947
G19 Thought of committing suicide worst	MQPG19W	4948
G20 Attempted suicide worst	MQPG20W	4949
G41 Excited/high symptom	MQPG41L	4950-4951
G42 More active symptom	MQPG42L	4952-4953
G43 Spending spree symptom	MQPG43L	4954-4955
G44 Strongly sexual symptom	MQPG44L	4956-4957
G45 Talked too fast symptom	MQPG45L	4958-4959
G46 Thoughts raced symptom	MQPG46L	4960-4961
G47 Special gifts symptom	MQPG47L	4962-4963
Example of mania special powers	MQPG47EX	4964
G48 Slept less symptom	MQPG48L	4965-4966

NHANES III Examination Data File Index

Description	Variable Name	Positions
G49 Easily distracted symptom	MQPG49L	4967-4968
G50 Check item - ask about mania spells	MQPG50	4969
G51 Feel high & have problems together	MQPG51	4970
G52 Sure never had problems together	MQPG52	4971
G53 Not feel high but problems together	MQPG53	4972
G54 Problems together & irritable	MQPG54	4973
G55 Mania longest spell in weeks	MQPG55	4974-4977
G56 # mania spells lifetime	MQPG56	4978-4980
G57 Tell doctor about mania spells	MQPG57	4981
G58 Tell professional about mania spells	MQPG58	4982
G59 Take medicine during mania spells	MQPG59	4983
G60 Mania spells interfere w/ life	MQPG60	4984
G61 Age of first mania spell	MQPG61	4985-4986
G62 Mania spell now	MQPG62	4987
G63 When last mania spell end	MQPG63	4988
G64 Age last mania spell end	MQPG64	4989-4990
G65 Check item - ask about mania spells	MQPG65	4991
G66 Age worst mania spell	MQPG66	4992-4993
G42 More active worst	MQPG42W	4994
G43 Spending spree worst	MQPG43W	4995
G44 Strongly sexual worst	MQPG44W	4996
G45 Talked too fast worst	MQPG45W	4997
G46 Thoughts raced worst	MQPG46W	4998
G47 Special gifts worst	MQPG47W	4999
G48 Slept less worst	MQPG48W	5000
G49 Easily distracted worst	MQPG49W	5001
# Pos eating sym-depression worst period	MQPDGP1W	5002
# Pos sleep sym- depression worst period	MQPDGP2W	5003
# Pos tired sym-depression worst period	MQPDGP3W	5004
# Pos movement sym-depress worst period	MQPDGP4W	5005
# Pos sexual sym-depression worst period	MQPDGP5W	5006
# Pos guilt sym-depression worst period	MQPDGP6W	5007
# Pos think sym-depression worst period	MQPDGP7W	5008
# Pos death sym-depression worst period	MQPDGP8W	5009
Total pos sym depression groups-worst	MQPDGPSW	5010-5011
Dysphoria for depression	MQPDYSFR	5012
Total pos sym depress + dysphoria -worst	MQPDPSX1	5013-5014
DSMIII major depression	MQPDEP	5015-5016
Age 1st depressive symptoms w/depress DX	MQPFDDP	5017-5018

Description	Variable Name	Positions
Age last depressive symptom w/depress DX	MQPLDDP	5019-5020
Total pos sym dep groups +dysphoria-life	MQPDPSX2	5021-5022
Pos hyper-act/sex sym-mania worst period	MQPMNG1W	5023
Pos speech symptom - mania worst period	MQPMNG2W	5024
Pos racing thoughts sym-mania worst pd	MQPMNG3W	5025
Pos special gifts sym-mania worst period	MQPMNG4W	5026
Pos less sleep sym-mania worst period	MQPMNG5W	5027
Pos distractibility sym-mania worst pd	MQPMNG6W	5028
Pos spending symptom-mania worst period	MQPMNG7W	5029
Total pos symptom mania groups-worst	MQPMNGSW	5030-5031
One week euphoric/irritable	MQPEUFOR	5032
Tot pos sym mania groups+euphoric-worst	MQPMNSX1	5033-5034
DSMIII mania	MQPMANIA	5035-5036
Age first mania symptoms with mania DX	MQPFDMN	5037-5038
Age last mania symptoms with mania DX	MQPLDMN	5039-5040
Tot pos sym mania gps+euphoria-lifetime	MQPMNSX2	5041-5042
DSMIII single episode major depression	MQPDEPSE	5043-5044
Age first dep with single episode dep DX	MQPFDDSE	5045-5046
Age last dep with single episode dep DX	MQPLDDSE	5047-5048
DSMIII recurrent major depression	MQPDEPRT	5049-5050
Age first depressive w/ recurrent dep DX	MQPFDDRT	5051-5052
Age last depressive w/ recurrent dep DX	MQPLDDRT	5053-5054
>= 2 years depressive mood	MQPDYSA	5055
# Lifetime symptoms for dysthymia	MQPDYSD	5056-5057
DSMIII dysthymia	MQPDYSTH	5058-5059
DSMIII bipolar with mania DX	MQPBIPOL	5060-5061
Age first bipolar symptoms w/ bipolar DX	MQPFDBI	5062-5063
Age last bipolar symptoms w/ bipolar DX	MQPLDBI	5064-5065
DSMIII atypical bipolar	MQPBIPII	5066-5067
Age first depressive with bipolar II DX	MQPFDBII	5068-5069
Age last depressive with bipolar II DX	MQPLDBII	5070-5071
MEC ADULT QUESTIONNAIRE (EXCEPT DIS)		
SECTION A. TOBACCO		
Cigarettes smoked in the past 5 days	MAPA1	5072-5074
Number of pipes smoked past 5 days	MAPA2A	5075-5077
Number of cigars smoked past 5 days	MAPA2B	5078-5079

Description	Variable Name	Positions
Containrs chew tobacco/snuff past 5 days	MAPA3	5080-5081
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Age check item used in skip pattern	MAPB1	5084
Three children: 1st story recall	MAPB2A	5085
House on fire: 1st story recall	MAPB2B	5086
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Children rescued: 1st story recall	MAPB2D	5088
Minor injuries: 1st story recall	MAPB2E	5089
Everyone well: 1st story recall	MAPB2F	5090
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Treated for anemia within past 3 months	MAPC2	5092
How many colds, flu, etc in past 4 weeks	MAPC3	5093-5094
Times donated blood in past 12 months	MAPC4	5095-5096
How long ago was last blood donation-mos	MAPC5	5097-5098
Taken antihistamine in the past 2 days	MAPC6	5099
Taken prescription med in past 24 hrs	MAPC7	5100
Taken vitamins/minerals in past 24 hrs	MAPC8	5101
SECTION D. COGNITIVE FUNCTION - PART B		
Age check item used in skip pattern	MAPD1	5102
Three children: 2nd story recall	MAPD2A	5103
House on fire: 2nd story recall	MAPD2B	5104
Fireman climbed in: 2nd story recall	MAPD2C	5105
Children rescued: 2nd story recall	MAPD2D	5106
Minor injuries: 2nd story recall	MAPD2E	5107
Everyone well: 2nd story recall	MAPD2F	5108
SECTION E. ALCOHOL/DRUG USE		
Had at least 12 drinks alcohol in life	MAPE1	5109

Description	Variable Name	Positions
Had at least 12 drinks in last 12 months	MAPE2	5110
# of days drank alcohol in past 12 mos	MAPE3S	5111-5113
Number of drinks per day on drinking day	MAPE4	5114-5116
# of days had 9+ drinks in past 12 mos	MAPE5S	5117-5119
# of days had 5+ drinks in past 12 mos	MAPE6S	5120-5122
Ever drink 5+ drinks almost every day	MAPE7	5123
Age check item used in skip pattern	MAPE8	5124
Have you ever used marijuana	MAPE9	5125
Number of times used marijuana in life	MAPE10	5126
# of days used marijuana past month	MAPE11	5127-5128
Have you ever used crack or cocaine	MAPE12	5129
Number times used crack/cocaine in life	MAPE13	5130
# days used crack/cocaine in last month	MAPE14	5131-5132
SECTION F. REPRODUCTIVE HEALTH		
Age/sex check item used in skip pattern	MAPF1	5133
Age when menstrual cycles started - yrs	MAPF2	5134-5135
Age category menstrual cycles started	MAPF3	5136
Have you ever been pregnant	MAPF4	5137
How many times have you been pregnant	MAPF5	5138-5139
Total number of live births	MAPF6	5140-5141
Age at first live birth recoded - years	MAPF7R	5142-5143
Age at the time of last live birth - yrs	MAPF8	5144-5145
Did you breastfeed any of your children	MAPF9	5146
How many children did you breastfeed	MAPF10	5147-5148
Age check item used in skip pattern	MAPF11	5149
Are you now pregnant	MAPF12	5150
Pregnancy status recode	MAPF12R	5151
Month of current pregnancy	MAPF13	5152-5153
Have you been pregnant in the last 2 yrs	MAPF14	5154
Months since last pregnancy ended	MAPF15	5155
Receive benefits from WIC in last 12 mos	MAPF16	5156
Receiving benefits from WIC now	MAPF17	5157
How many months received WIC benefits	MAPF18S	5158-5160
F6 check item used in skip pattern	MAPF19	5161
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Have you had a period in past 12 months	MAPF21	5163

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Description	Variable Name	Positions
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How old when had last period - years	MAPF23	5166-5168
Age category at last period	MAPF24	5169-5170
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How old when you had hysterectomy	MAPF26	5172-5174
Have you had one or both ovaries removed	MAPF27	5175
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How old when ovary removed - years	MAPF29	5177-5179
Ever taken birth control pills	MAPF30	5180
Age began taking birth control pills-yrs	MAPF31	5181-5182
How many months ago stop taking BC pills	MAPF32S	5183-5185
How many months took birth control pills	MAPF33S	5186-5188
Brand of birth control pills code	MAPF34R	5189-5191
F30-F32 check item used in skip patterns	MAPF34CK	5192
Ever have NORPLANT implant	MAPF34A	5193
Have NORPLANT implant now	MAPF34B	5194
How many months ago NORPLANT implanted	MAPF34CS	5195-5196
F-section check item for skip pattern	MAPF35	5197
Did periods stop due to radiation/chemo	MAPF36	5198
Ever take estrogen by mouth	MAPF37	5199
Age when first took estrogen pills - yrs	MAPF38	5200-5202
How many months ago stop estrogen pills	MAPF39S	5203-5206
How many years took estrogen pills	MAPF40	5207-5208
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Age first used estrogen crm,sup,inj -yrs	MAPF42	5210-5212
Months since used estrogen crm,sup,inj	MAPF43S	5213-5216
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Age when first used hormone patches -yrs	MAPF46	5220-5222
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How many years used hormone patches	MAPF48	5226-5227
Age check item used in skip pattern	MAPF49	5228
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Sex/F51 check item used in skip pattern	MAPF52	5235
Was this partner female or male	MAPF53	5236
How many partners have been female	MAPF54R	5237-5240
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Description	Variable Name	Positions
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Bone mineral content of femur neck - gm	BDPFNBMC	5271-5275
Bone mineral density femur neck-gm/cm sq	BDPFNBMD	5276-5280
Bone area of trochanter region - cm sq	BDPTRARE	5281-5285
BMC of trochanter region - gm	BDPTRBMC	5286-5290
BMD of trochanter region - gm/cm sq	BDPTRBMD	5291-5295
Bone area intertrochanter region - cm sq	BDPINARE	5296-5300
BMC of intertrochanter region - gm	BDPINBMC	5301-5305
BMD of intertrochanter region - gm/cm sq	BDPINBMD	5306-5310
Bone area Ward's triangle region - cm sq	BDPWTARE	5311-5315
BMC of Ward's triangle region - gm	BDPWTBMC	5316-5320

Description	Variable Name	Positions
BMD of Ward's triangle region - gm/cm sq	BDPWTBMD	5321-5325
Bone area of total region - cm sq	BDPTOARE	5326-5330
Bone mineral content of total region -gm	BDPTOBMC	5331-5335
Bone minrl density total region-gm/cm sq	BDPTOBMD	5336-5340
K value for scan	BDPK	5341-5345
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HOME EXAMINATION, INTERVIEW		
INFANT FOOD FREQUENCY		
Age check item used in skip pattern	HXPB1	5351
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Had fruit in past month	HXPB2B	5353
Had yellow/orange vegetables in past mo	HXPB2C	5354
Had green vegetables in past month	HXPB2D	5355
Had meat in past month	HXPB2E	5356
Had egg yolk or egg in past month	HXPB2F	5357
Had combo meat/vegetable dinners past mo	HXPB2G	5358
Had yogurt, cheese, etc in past month	HXPB2H	5359
Had bread, rolls, etc in past month	HXPB2I	5360
Had desserts in past month	HXPB2J	5361
Had breastmilk in past month	HXPB2K	5362
Had formula in past month	HXPB2L	5363
Had regular cow's milk in past month	HXPB2M	5364
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COGNITIVE FUNCTION - PART A		
Age check item used in skip pattern	HXPD1	5367
Three children: 1st story recall	HXPD2A	5368
House on fire: 1st story recall	HXPD2B	5369
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Minor injuries: 1st story recall	HXPD2E	5372
Everyone well: 1st story recall	HXPD2F	5373
SELECTED CONDITIONS/MEDICINE, VITAMIN, AND MINERAL USAGE		
Treated for anemia in past 3 months	HXPE1	5374

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Description	Variable Name	Positions
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How long since last blood donation	HXPE4	5379-5380
Currently trying to lose weight	HXPE5	5381
Take antihistamine in past 2 days	HXPE6	5382
Take prescription med in past 24 hours	HXPE7	5383
Take vitamins/minerals in past 24 hours	HXPE8	5384
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Age check item used in skip pattern	HXPF1	5385
Three children: 2nd story recall	HXPF2A	5386
House on fire: 2nd story recall	HXPF2B	5387
Fireman climbed in: 2nd story recall	HXPF2C	5388
Children rescued: 2nd story recall	HXPF2D	5389
Minor injuries: 2nd story recall	HXPF2E	5390
Everyone well: 2nd story recall	HXPF2F	5391
TOBACCO		
How many cigarettes smoked past 5 days	HXPG1	5392-5394
How many pipes smoked in the past 5 days	HXPG2A	5395-5396
How many cigars smoked in past 5 days	HXPG2B	5397-5398
Containrs chew tobacco/snuff past 5 days	HXPG3	5399-5400
Pieces of nicotine gum used past 5 days	HXPG4	5401
REPRODUCTIVE HEALTH		
Sex check item used in skip pattern	HXPH1	5402
How old when menstrual cycles started	HXPH2	5403-5404
Age category menstrual cycles started	HXPH3	5405
Had period in the past 12 months	HXPH4	5406
How long since last period	HXPH5	5407-5408
Reason for not having period	HXPH6	5409-5410
How old when you had last period	HXPH7	5411-5413
Age category at last period	HXPH8	5414-5415

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Description	Variable Name	Positions
Have you had a hysterectomy	HXPH9	5416
How old when you had hysterectomy	HXPH10	5417-5419
Have you had one or both ovaries removed	HXPH11	5420
Were both ovaries removed or only one	HXPH12	5421
How old when ovary/ovaries were removed	HXPH13	5422-5424
Ever taken birth control pills	HXPH14	5425
Age first took birth control pills	HXPH15	5426-5427
Days since stopped birth control pills	HXPH16S	5428-5432
How many months took birth control pills	HXPH17S	5433-5435
Check item used in skip pattern	HXPH18	5436
Ever take estrogen in any form	HXPH19	5437
Age when first took estrogen	HXPH20	5438-5440
How many months ago stopped estrogen	HXPH21S	5441-5444
How many years on estrogen	HXPH22	5445-5446
GENERAL INFORMATION		
Instrument used for interview	HXPLANG	5447-5448
Examiner number	HXPEXMNR	5449-5452
GALLBLADDER ULTRASONOGRAPHY		
Are there any abdominal surgical scars	GUPQ7	5453
Surgical scar - area 1	GUPQ8A1	5454
Surgical scar - area 2	GUPQ8A2	5455
Surgical scar - area 3	GUPQ8A3	5456
Surgical scar - area 4	GUPQ8A4	5457
Surgical scar - area 5	GUPQ8A5	5458
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Adjud. finding - largest echo clump (mm)	GUPQ24R	5462-5463
Other nonGB findings - renal - recode	GUPQ37R	5464
Other nonGB findings-hepat/liver -recode	GUPQ38R	5465
Radiologist notes indicate liver cyst	GUPLCSTR	5466
Other nonGB -liver cysts,size(cm,yrs4-6)	GUPLCSZE	5467-5469
Radiologist notes indicate renal cyst	GUPRCSTR	5470
Other nonGB -renal cysts,size(cm,yrs4-6)	GUPRCSZE	5471-5474

Description	Variable Name	Positions
Radiologist notes indicate hemangioma	GUPLHMGR	5475
Other nonGB -cav hemang, size(cm,yrs4-6)	GUPCHSZE	5476-5478
Sonographer - primary finding	GUPTDX1R	5479-5480
Sonographer - secondary finding	GUPTDX2R	5481-5482
Radiologist ID number - first reading	GUPR1ID	5483
Radiologist first reading - finding 1	GUPR1DX1	5484-5485
Radiologist first reading - finding 2	GUPR1DX2	5486-5487
Radiologist first reading - confidence	GUPR1CNF	5488
Radiologist first reading - quality	GUPR1QLT	5489
Radiologist ID number - second reading	GUPR2ID	5490
Final adjudicated primary finding	GUPFDX1R	5491-5492
Final adjudicated secondary finding	GUPFDX2R	5493-5494
Other nonGB - GB polyp, size(mm,yrs 4-6)	GUPGBPSZ	5495-5496
Technician number	GUPTECH	5497-5501
CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION CONDITIONS AFFECTING TEST RESULTS		
How much sleep did you get last night	CNPQ01	5502
Now feeling energetic, ... exhausted	CNPQ02	5503
Familiarity w/ computers: none,some,alot	CNPQ03	5504
# cups caffeine coffee, etc, past 3 hrs	CNPQ04	5505
How many drinks of alcohol in past 3 hrs	CNPQ05	5506
Which hand prefer to use for this test	CNPQ06	5507
Simple Reaction Time Test(SRTT) complete	CNPQ07	5508
Symbol Digit Substitution Test (SDST)	CNPQ08	5509
Serial Digit Learning Test (SDLT)	CNPQ09	5510
How hard tried to perform computer test	CNPQ10	5511
Language used for test administration	CNPLANG	5512
Room temperature (degrees Fahrenheit)	CNPTEMP	5513-5515
Examiner number	CNPTECH	5516-5520
SIMPLE REACTION TIME TEST (SRTT)		
LOG: # of trials with preferred hand	CNPNBPH	5521
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SRTT: Trial 02 reaction time (msec)	CNPRT02	5526-5529

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Description	Variable Name	Positions
SRTT: Trial 03 reaction time (msec)	CNPRT03	5530-5533
SRTT: Trial 04 reaction time (msec)	CNPRT04	5534-5537
SRTT: Trial 05 reaction time (msec)	CNPRT05	5538-5541
SRTT: Trial 06 reaction time (msec)	CNPRT06	5542-5545
SRTT: Trial 07 reaction time (msec)	CNPRT07	5546-5549
SRTT: Trial 08 reaction time (msec)	CNPRT08	5550-5553
SRTT: Trial 09 reaction time (msec)	CNPRT09	5554-5557
SRTT: Trial 10 reaction time (msec)	CNPRT10	5558-5561
SRTT: Trial 11 reaction time (msec)	CNPRT11	5562-5565
SRTT: Trial 12 reaction time (msec)	CNPRT12	5566-5569
SRTT: Trial 13 reaction time (msec)	CNPRT13	5570-5573
SRTT: Trial 14 reaction time (msec)	CNPRT14	5574-5577
SRTT: Trial 15 reaction time (msec)	CNPRT15	5578-5581
SRTT: Trial 16 reaction time (msec)	CNPRT16	5582-5585
SRTT: Trial 17 reaction time (msec)	CNPRT17	5586-5589
SRTT: Trial 18 reaction time (msec)	CNPRT18	5590-5593
SRTT: Trial 19 reaction time (msec)	CNPRT19	5594-5597
SRTT: Trial 20 reaction time (msec)	CNPRT20	5598-5601
SRTT: Trial 21 reaction time (msec)	CNPRT21	5602-5605
SRTT: Trial 22 reaction time (msec)	CNPRT22	5606-5609
SRTT: Trial 23 reaction time (msec)	CNPRT23	5610-5613
SRTT: Trial 24 reaction time (msec)	CNPRT24	5614-5617
SRTT: Trial 25 reaction time (msec)	CNPRT25	5618-5621
SRTT: Trial 26 reaction time (msec)	CNPRT26	5622-5625
SRTT: Trial 27 reaction time (msec)	CNPRT27	5626-5629
SRTT: Trial 28 reaction time (msec)	CNPRT28	5630-5633
SRTT: Trial 29 reaction time (msec)	CNPRT29	5634-5637
SRTT: Trial 30 reaction time (msec)	CNPRT30	5638-5641
SRTT: Trial 31 reaction time (msec)	CNPRT31	5642-5645
SRTT: Trial 32 reaction time (msec)	CNPRT32	5646-5649
SRTT: Trial 33 reaction time (msec)	CNPRT33	5650-5653
SRTT: Trial 34 reaction time (msec)	CNPRT34	5654-5657
SRTT: Trial 35 reaction time (msec)	CNPRT35	5658-5661
SRTT: Trial 36 reaction time (msec)	CNPRT36	5662-5665
SRTT: Trial 37 reaction time (msec)	CNPRT37	5666-5669
SRTT: Trial 38 reaction time (msec)	CNPRT38	5670-5673
SRTT: Trial 39 reaction time (msec)	CNPRT39	5674-5677
SRTT: Trial 40 reaction time (msec)	CNPRT40	5678-5681
SRTT: Trial 41 reaction time (msec)	CNPRT41	5682-5685

Description	Variable Name	Positions
SRTT: Trial 42 reaction time (msec)	CNPRT42	5686-5689
SRTT: Trial 43 reaction time (msec)	CNPRT43	5690-5693
SRTT: Trial 44 reaction time (msec)	CNPRT44	5694-5697
SRTT: Trial 45 reaction time (msec)	CNPRT45	5698-5701
SRTT: Trial 46 reaction time (msec)	CNPRT46	5702-5705
SRTT: Trial 47 reaction time (msec)	CNPRT47	5706-5709
SRTT: Trial 48 reaction time (msec)	CNPRT48	5710-5713
SRTT: Trial 49 reaction time (msec)	CNPRT49	5714-5717
SRTT: Trial 50 reaction time (msec)	CNPRT50	5718-5721
SRTT summary: Mean reaction time (msec)	CNPMENRT	5722-5729
SRTT: Standard deviation, reaction times	CNPSDRT	5730-5737
SYMBOL DIGIT SUBSTITUTION TEST (SDST)		
SDST: Number of errors, trial 1	CNP1ERR	5738-5739
SDST: Latency 1, trial 1 (sec)	CNP1LAT1	5740-5744
SDST: Latency 2, trial 1 (sec)	CNP1LAT2	5745-5749
SDST: Latency 3, trial 1 (sec)	CNP1LAT3	5750-5754
SDST: Latency 4, trial 1 (sec)	CNP1LAT4	5755-5759
SDST: Latency 5, trial 1 (sec)	CNP1LAT5	5760-5764
SDST: Latency 6, trial 1 (sec)	CNP1LAT6	5765-5769
SDST: Latency 7, trial 1 (sec)	CNP1LAT7	5770-5774
SDST: Latency 8, trial 1 (sec)	CNP1LAT8	5775-5779
SDST: Latency 9, trial 1 (sec)	CNP1LAT9	5780-5784
SDST: Total latency, trial 1 (sec)	CNP1TOTL	5785-5790
SDST: # correct, latencies 2-9, trial 1	CNPCORR1	5791-5792
SDST: Corrected latency, trial 1 (sec)	CNPCLAT1	5793-5798
SDST: Number of errors, trial 2	CNP2ERR	5799-5800
SDST: Latency 1, trial 2 (sec)	CNP2LAT1	5801-5805
SDST: Latency 2, trial 2 (sec)	CNP2LAT2	5806-5810
SDST: Latency 3, trial 2 (sec)	CNP2LAT3	5811-5815
SDST: Latency 4, trial 2 (sec)	CNP2LAT4	5816-5820
SDST: Latency 5, trial 2 (sec)	CNP2LAT5	5821-5825
SDST: Latency 6, trial 2 (sec)	CNP2LAT6	5826-5830
SDST: Latency 7, trial 2 (sec)	CNP2LAT7	5831-5835
SDST: Latency 8, trial 2 (sec)	CNP2LAT8	5836-5840
SDST: Latency 9, trial 2 (sec)	CNP2LAT9	5841-5845
SDST: Total latency, trial 2 (sec)	CNP2TOTL	5846-5851

Description	Variable Name	Positions
SDST: # correct, latencies 2-9, trial 2	CNPCORR2	5852-5853
SDST: Corrected latency, trial 2 (sec)	CNPCLAT2	5854-5859
SDST: Number of errors, trial 3	CNP3ERR	5860-5861
SDST: Latency 1, trial 3 (sec)	CNP3LAT1	5862-5866
SDST: Latency 2, trial 3 (sec)	CNP3LAT2	5867-5871
SDST: Latency 3, trial 3 (sec)	CNP3LAT3	5872-5876
SDST: Latency 4, trial 3 (sec)	CNP3LAT4	5877-5881
SDST: Latency 5, trial 3 (sec)	CNP3LAT5	5882-5886
SDST: Latency 6, trial 3 (sec)	CNP3LAT6	5887-5891
SDST: Latency 7, trial 3 (sec)	CNP3LAT7	5892-5896
SDST: Latency 8, trial 3 (sec)	CNP3LAT8	5897-5901
SDST: Latency 9, trial 3 (sec)	CNP3LAT9	5902-5906
SDST: Total latency, trial 3 (sec)	CNP3TOTL	5907-5912
SDST: # correct, latencies 2-9, trial 3	CNPCORR3	5913-5914
SDST: Corrected latency, trial 3 (sec)	CNPCLAT3	5915-5920
SDST: Number of errors, trial 4	CNP4ERR	5921-5922
SDST: Latency 1, trial 4 (sec)	CNP4LAT1	5923-5927
SDST: Latency 2, trial 4 (sec)	CNP4LAT2	5928-5932
SDST: Latency 3, trial 4 (sec)	CNP4LAT3	5933-5937
SDST: Latency 4, trial 4 (sec)	CNP4LAT4	5938-5942
SDST: Latency 5, trial 4 (sec)	CNP4LAT5	5943-5947
SDST: Latency 6, trial 4 (sec)	CNP4LAT6	5948-5952
SDST: Latency 7, trial 4 (sec)	CNP4LAT7	5953-5957
SDST: Latency 8, trial 4 (sec)	CNP4LAT8	5958-5962
SDST: Latency 9, trial 4 (sec)	CNP4LAT9	5963-5967
SDST: Total latency, trial 4 (sec)	CNP4TOTL	5968-5973
SDST: # correct, latencies 2-9, trial 4	CNPCORR4	5974-5975
SDST: Corrected latency, trial 4 (sec)	CNPCLAT4	5976-5981
SDST: Mean, 2 lowest corrected latencies	CNPCBEST	5982-5986
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SDLT: Total 0 trials	CNPT0TRA	5987
SDLT: Score, trial 1	CNP1SCOR	5988
SDLT: Score, trial 2	CNP2SCOR	5989
SDLT: Score, trial 3	CNP3SCOR	5990
SDLT: Score, trial 4	CNP4SCOR	5991
SDLT: Score, trial 5	CNP5SCOR	5992

Description	Variable Name	Positions
SDLT: Score, trial 6	CNP6SCOR	5993
SDLT: Score, trial 7	CNP7SCOR	5994
SDLT: Score, trial 8	CNP8SCOR	5995
SDLT summary: Trials to criterion	CNPTSTOC	5996-5997
SDLT summary: Total score	CNPTTSCR	5998-5999
FUNDUS PHOTOGRAPHY		
INTRODUCTORY INFORMATION AND CONDITIONS AFFECTING RESULTS		
Photo taken	FPPPHOTO	6000
Eye color: right eye	FPP1A	6001
Eye color: left eye	FPP1B	6002
Pupil size before dilation ... (mm)	FPP2	6003-6004
Pupil size on camera monitor (mm)	FPP3	6005-6006
Elapsed time:dark room/taking photo(min)	FPP4MIN	6007-6008
Elapsed time:dark room/taking photo(sec)	FPP4SEC	6009-6010
Photographer	FPPPHTG	6011-6015
Eye	FPPEYE	6016
Grader code	FPP1005	6017-6019
Fundus	FPP1020	6020-6021
Focus	FPP1030	6022-6023
Field definition	FPP1041	6024-6025
Horizontal field definition	FPP1046	6026-6027
Vertical field definition	FPP1047	6028-6029
Artifact present	FPP1050	6030-6031
Type of artifact: haze	FPP1051	6032-6033
Type of artifact: dust/dirt	FPP1052	6034-6035
Type of artifact: lashes	FPP1053	6036-6037
Type of artifact: arc	FPP1054	6038-6039
Type artifact:uneven illumination,center	FPP1055	6040-6041
Type artifact:uneven illumination, edge	FPP1056	6042-6043
Type of artifact: central dot	FPP1057	6044-6045
Type of artifact: other	FPP1059	6046-6047
Gradability	FPP1060	6048-6049
FINDINGS		
Diabetic retinopathy level	FPP1070	6050-6052

Description	Variable Name	Positions
Hemorrhages or microaneurysms	FPP1080	6053-6054
Hard exudates	FPP1090	6055-6056
Soft exudates	FPP1100	6057-6058
Intraretinal microvascular abnormalities	FPP1110	6059-6060
Venous beading	FPP1120	6061-6062
New vessels in disc	FPP1130	6063-6064
New vessels elsewhere	FPP1140	6065-6066
Fibrous proliferation	FPP1150	6067-6068
Pre-retinal or vitreous hemorrhage	FPP1160	6069-6070
Other abnormalities	FPP1170	6071-6072
Degeneration, retinal pigment epithelium	FPP1172	6073-6074
Central circle RPE degeneration	FPP1173	6075-6076
Geographic atrophy	FPP1174	6077-6078
Central circle geographic atrophy	FPP1175	6079-6080
Sub-retinal hemorrhage	FPP1176	6081-6082
Central circle sub-retinal hemorrhage	FPP1177	6083-6084
Sub-retinal fibrous scar	FPP1178	6085-6086
Central circle sub-retinal fibrous scar	FPP1179	6087-6088
Sensory serous (sub-retinal) detachment	FPP1180	6089-6090
Central cir sensory serous subret detach	FPP1181	6091-6092
Hyperpigmentation	FPP1182	6093-6094
Central circle hyperpigmentation	FPP1183	6095-6096
Chorioretinal abnormalities, other	FPP1184	6097-6098
Central cir chorioretinal abnormal,other	FPP1185	6099-6100
Peripapillary atrophy	FPP1186	6101-6102
Branch or central artery occlusion	FPP1188	6103-6104
Central circle branch/artery occlusion	FPP1189	6105-6106
Branch vein occlusion	FPP1190	6107-6108
Central circle branch vein occlusion	FPP1191	6109-6110
Central vein occlusion	FPP1192	6111-6112
Central circle central vein occlusion	FPP1193	6113-6114
Significant arterio-venous nicking	FPP1194	6115-6116
Hollenhorst plaque	FPP1196	6117-6118
Central circle hollenhorst plaque	FPP1197	6119-6120
Asteroid hyalosis	FPP1198	6121-6122
Central circle asteroid hyalosis	FPP1199	6123-6124
Nevus	FPP1200	6125-6126
Central circle nevus	FPP1201	6127-6128
Surface wrinkling retinopathy	FPP1202	6129-6130

Description	Variable Name	Positions
Central circ surf wrinkling retinopathy	FPP1203	6131-6132
Abnormal disc	FPP1204	6133-6134
Large cup-to-disc ratio	FPP1205	6135-6136
Histoplasmosis (POHS)	FPP1206	6137-6138
Central circle histoplasmosis (POHS)	FPP1207	6139-6140
Clinically, macular edema, hard exudates	FPP1208	6141-6142
Central cir macular edema, hard exudates	FPP1209	6143-6144
Retinal detachment	FPP1210	6145-6146
Central circle retinal detachment	FPP1211	6147-6148
Photocoagulation treatment in arcades	FPP1212	6149-6150
Photocoagulation treatmt outside arcades	FPP1214	6151-6152
Other miscellaneous abnormalities	FPP1220	6153-6154
Other misc central circle abnormalities	FPP1221	6155-6156
Answer drusen questions	FPP1228	6157-6158
Hard drusen	FPP1230	6159-6160
Soft drusen	FPP1240	6161-6162
Drusen area: grid	FPP1250	6163-6164
Drusen area: outside	FPP1260	6165-6166
Drusen area: central circle	FPP1262	6167-6168
Drusen area: inner circle	FPP1264	6169-6170
Central circle soft drusen	FPP1266	6171-6172
SUMMARY SCORES		
Summary diabetic retinopathy score	FPPSURET	6173-6174
Summary age-related maculopathy score	FPPSUMAC	6175-6176
Summary drusen score	FPPSUDRU	6177-6178
PHYSICAL FUNCTION EVALUATION		
GENERAL INFORMATION		
Health status screener	PFPHHS	6179-6180
SHOULDER EXERCISES		
Right shoulder external rotation	PFPRSER	6181

Description	Variable Name	Positions
Left shoulder external rotation	PFPLSER	6182
Right shoulder internal rotation	PFPRSIR	6183
Left shoulder internal rotation	PFPLSIR	6184
KEY IN LOCK TIMED MANEUVER		
Ability to pick up key--first trial	PFPUKEY	6185
Ability to hold key--first trial	PFPHKEY	6186
Time to unlock lock--first trial (sec)	PFPTKEY	6187-6190
Check item--bedbound (home exam only)	HXPBED	6191
SINGLE CHAIR STAND		
In wheelchair (mobile exam center only)	PFPWC	6192
Can get up from chair/wheelchair by self	PFPUPWC	6193
Use of arms to scoot forward	PFPSCOOT	6194
Ability to stand	PFPUSTND	6195
REPEATED CHAIR STAND TIMED MANEUVER		
Time to complete five stands (sec)	PFPTSTND	6196-6199
Number of stands	PFPNSTND	6200-6201
Chair height--home exam only (in)	HXPCHAIR	6202-6205
HIP AND KNEE EXERCISES		
Right hip and knee flexion	PFPRFLEX	6206
Left hip and knee flexion	PFPLFLEX	6207
TANDEM STAND TIMED MANEUVER		
Ability to stand without holding on	PFPSTAND	6208
Time tandem stand held (sec)	PFPTTAND	6209-6212
MEASURED WALK		
Observed walking without help	PFPOWALK	6213

NHANES III Examination Data File Index

Description	Variable Name	Positions
Able to walk alone w/out another person	PFPRWALK	6214
Time to complete 8-ft walk, trial A(sec)	PFPTWLKA	6215-6218
Number of steps--trial A	PFPNSTPA	6219-6220
Time to complete 8-ft walk--trial B(sec)	PFPTWLKB	6221-6224
Number of steps--trial B	PFPNSTPB	6225-6226
Pain reported on walking	PFPPAIN	6227
Type of device used	PFPDEVIC	6228
Examiner number	PFPTECH	6229-6233

NHANES III Examination Data File

FILENAME=EXAM VERSION 1.1 N=31311

DEMOGRAPHIC DATA

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

Positions SAS name	Counts	Item description and code	Notes
1-5 SEQN	31311	Sample person identification number 00003-53623	

DEMOGRAPHIC DATA

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

Positions / SAS name	Counts	Item description and code		Notes
6-10		Family sequence number		See note
DMPFSEQ	31311	00001-20076		
11		Examination/interview status		See note
DMPSTAT	30818	2	Interviewed, MEC-examined	
	493	3	Interviewed, home-examined	

NHANES III Examination Data File

DEMOGRAPHIC DATA

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

Positions / SAS name	Counts	Item description and code		Notes
12		Race-ethnicity		See note
DMARETHN	11652	1	Non-Hispanic white	
	9074	2	Non-Hispanic black	
	9138	3	Mexican-American	
	1447	4	Other	
13		Race		See note
DMARACER	20762	1	White	
	9424	2	Black	
	1119	3	Other	
	6	8	Mexican-American of unknown race	
14		Ethnicity		See note
DMAETHNR	9138	1	Mexican-American	
	904	2	Other Hispanic	
	21269	3	Not Hispanic	

DEMOGRAPHIC DATA

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

Positions SAS name	Counts	Item description and code		Notes
15		Sex		
HSSEX	14986	1	Male	
	16325	2	Female	
16-17		Age at interview (Screener)		See note
HSAGEIR	31162	01-89		
	149	90	90+	
18		Age at interview-unit (Screener)		
HSAGEU	1996	1	Months	
	29315	2	Years	

NHANES III Examination Data File

DEMOGRAPHIC DATA

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

Positions SAS name	Counts	Item description and code		Notes
19-22		Age in months (Screener)		See note
HSAITMOR	31154	0002-1079		
	147	1080	1080+ months	
	10	9999	Don't know	
23-24		Family size		See note
HSFSIZER	3076	01		
	5471	02		
	5656	03		
	6529	04		
	4643	05		
	2485	06		
	1325	07		
	876	08		
	451	09		
	799	10	10+	
25-26		Household size		See note

HSHSIZER	2478	01	
	5527	02	
	5677	03	
	6609	04	
	4667	05	
	2574	06	
	1396	07	
	953	08	
	486	09	
	944	10	10+

DEMOGRAPHIC DATA

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

Positions SAS name	Counts	Item description and code	Notes
27-29 DMPCNTYR		County FIPS codes for United States counties with populations >= 500,000	See note
	14687	001-439	
	16624	Blank	
30-31 DMPFIPSR		State FIPS codes for United States counties with populations >= 500,000	See note
	376	04	
	4805	06	
	1168	12	
	952	17	
	273	25	
	717	26	
	333	29	
	1777	36	
	661	39	
	770	42	
	313	44	
	2150	48	
	392	53	
	16624	Blank	
32 DMPMETRO		Urbanization classification based on USDA Rural/Urban continuum codes.	See note
	15624	1 Central counties of metro areas of 1 million population or more, OR, Fringe counties of metro areas of 1 million population or more	
	15687	2 All other areas	

DEMOGRAPHIC DATA

HOUSEHOLD SCREENER QUESTIONNAIRE (HSQ)

Positions SAS name	Counts	Item description and code		Notes
33		Census region		See note
DMPCREGN	4052	1	Northeast	
	5975	2	Midwest	
	13386	3	South	
	7898	4	West	
34-39		Poverty Income Ratio		See note
DMPPIR	85	00.000		
	28324	000.02-11.889		
	2902	888888	Blank but applicable	

NHANES III Examination Data File

DEMOGRAPHIC DATA

SURVEY DESIGN DATA

Positions SAS name	Counts	Item description and code		Notes
40		Phase of NHANES III survey		See note
SDPPHASE	15884	1	1988-1991	
	15427	2	1991-1994	
41		Total NHANES III Pseudo-PSU		See note
SDPPSU6	15691	1		
	15620	2		
42-43		Total NHANES III Pseudo-stratum		See note
SDPSTRA6	31311	01-49		
44		Phase 1 Pseudo-PSU		See note
SDPPSU1	8169	1		
	7715	2		
	15427	Blank		
45-46		Phase 1 Pseudo-stratum		See note
SDPSTRA1	15884	01-23		
	15427	Blank		
47		Phase 2 Pseudo-PSU		See note
SDPPSU2	7555	1		
	7872	2		
	15884	Blank		
48-49		Phase 2 Pseudo-stratum		See note
SDPSTRA2	15427	01-23		
	15884	Blank		

DEMOGRAPHIC DATA

SAMPLING WEIGHTS - TOTAL NHANES III (1988-94)

Positions SAS name	Counts	Item description and code	Notes
50-58 WTPFQX6		Total NHANES III interviewed sample final weight	See note
	31311	000215.53-0132278.9	
59-67 WTPFEX6		Total NHANES III MEC-examined sample final weight	See note
	493	000000.00	
	30818	000213.45-140778.72	
68-76 WTPFHX6		Total NHANES III MEC and home-examined final weight	See note
	31311	000214.25-139744.91	
77-85 WTPFALG6		Total NHANES III allergy subsample final weight	See note
	23	000000.00	
	12106	000213.45-288897.91	
	19182	Blank	
86-94 WTPFCNS6		Total NHANES III central nervous system (CNS) subsample final weight	See note
	12	000000.00	
	5662	001316.46-295826.48	
	25637	Blank	
95-103 WTPFSD6		Total NHANES III morning session MEC-examined subsample final weight	See note
	920	000000.00	
	9127	000450.95-292590.96	
	21264	Blank	
104-112 WTPFMD6		Total NHANES III afternoon/evening session MEC-examined subsample final weight	See note
	697	000000.00	
	9497	000495.13-256201.99	
	21117	Blank	

NHANES III Examination Data File

DEMOGRAPHIC DATA

SAMPLING WEIGHTS - TOTAL NHANES III (1988-94)

Positions SAS name	Counts	Item description and code	Notes
113-121 WTPFHSD6		Total NHANES III morning session MEC and home-examined subsample final weight	See note
	791	000000.00	
	9254	000446.49-291479.91	
	21266	Blank	
122-130 WTPFHMD6		Total NHANES III afternoon/evening session MEC and home-examined subsample final weight	See note
	562	000000.00	
	9630	000503.56-256245.36	
	21119	Blank	

NHANES III Examination Data File

DEMOGRAPHIC DATA

SAMPLING WEIGHTS - NHANES III PHASE 1 (1988-91)

Positions SAS name	Counts	Item description and code	Notes
131-139 WTPFQX1		Phase 1 interviewed sample final weight	See note
	15884	000461.29-264557.81	
	15427	Blank	
140-148 WTPFEX1		Phase 1 MEC-examined sample final weight	See note
	254	000000.00	
	15630	000527.01-281557.44	
	15427	Blank	
149-157 WTPFHX1		Phase 1 MEC and home-examined sample final weight	See note
	15884	000513.14-279489.83	
	15427	Blank	
158-166 WTPFALG1		Phase 1 allergy subsample final weight	See note
	14	000000.00	
	6097	000821.62-577795.82	
	25200	Blank	
167-175 WTPFCNS1		Phase 1 central nervous system (CNS) subsample final weight	See note
	8	000000.00	
	2751	002699.84-591652.96	
	28552	Blank	
176-184 WTPFSD1		Phase 1 morning session MEC-examined subsample fnal weight	See note
	451	000000.00	
	4462	001111.36-585181.93	
	26398	Blank	
185-193 WTPFMD1		Phase 1 afternoon/evening session MEC-examined subsample final weight	See note
	322	000000.00	
	4726	001104.11-506697.07	
	26263	Blank	

DEMOGRAPHIC DATA

SAMPLING WEIGHTS - NHANES III PHASE 1 (1988-91)

Positions SAS name	Counts	Item description and code	Notes
194-202 WTPFHSD1		Phase 1 morning session MEC and home-examined subsample final weight	See note
	373	000000.00	
	4540	0001091.8-582959.83	
	26398	Blank	
203-211 WTPFHMD1		Phase 1 afternoon/evening session MEC and home-examined subsample final weight	See note
	264	000000.00	
	4784	001085.73-507417.05	
	26263	Blank	

DEMOGRAPHIC DATA

SAMPLING WEIGHTS - NHANES III PHASE 2 (1991-94)

Positions SAS name	Counts	Item description and code	Notes
212-220 WTPFQX2		Phase 2 interviewed sample final weight	See note
	15427	000431.06-243267.38	
	15884	Blank	
221-229 WTPFEX2		Phase 2 MEC-examined sample final weight	See note
	239	000000.00	
	15188	000426.91-262887.56	
	15884	Blank	
230-238 WTPFHX2		Phase 2 MEC and home-examined sample final weight	See note
	15427	0000428.5-262188.52	
	15884	Blank	
239-247 WTPFALG2		Phase 2 allergy subsample final weight	See note
	9	000000.00	
	6009	000426.91-552445.57	
	25293	Blank	
248-256 WTPFCNS2		Phase 2 central nervous system (CNS) subsample final weight	See note
	4	000000.00	
	2911	002632.92-518040.33	
	28396	Blank	
257-265 WTPFSD2		Phase 2 morning session MEC-examined subsample fnal weight	See note
	469	000000.00	
	4665	0000901.9-550430.69	
	26177	Blank	
266-274 WTPFMD2		Phase 2 afternoon/evening session MEC-examined subsample final weight	See note
	375	000000.00	
	4771	000990.26-512403.98	
	26165	Blank	

DEMOGRAPHIC DATA

SAMPLING WEIGHTS - NHANES III PHASE 2 (1991-94)

Positions SAS name	Counts	Item description and code	Notes
275-283 WTPFHSD2		Phase 2 morning session MEC and home-examined subsample final weight	See note
	418	000000.00	
	4714	000892.98-552545.64	
	26179	Blank	
284-292 WTPFHMD2		Phase 2 afternoon/evening session MEC and home-examined subsample final weight	See note
	298	000000.00	
	4846	001007.13-512490.71	
	26167	Blank	

DEMOGRAPHIC DATA

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

Positions SAS name	Counts	Item description and code	Notes
293-301 WTPQRP1	31311	Replicate 1 final interview weight 000053.27-148435.02	See note
302-310 WTPQRP2	31311	Replicate 2 final interview weight 000067.13-143746.82	See note
311-319 WTPQRP3	31311	Replicate 3 final interview weight 000047.49-152075.62	See note
320-328 WTPQRP4	31311	Replicate 4 final interview weight 000062.62-137241.93	See note
329-337 WTPQRP5	31311	Replicate 5 final interview weight 000048.42-147700.94	See note
338-346 WTPQRP6	31311	Replicate 6 final interview weight 0000053.1-146803.63	See note
347-355 WTPQRP7	31311	Replicate 7 final interview weight 000058.18-145261.07	See note
356-364 WTPQRP8	31311	Replicate 8 final interview weight 000048.23-161126.44	See note
365-373 WTPQRP9	31311	Replicate 9 final interview weight 000053.27-147301.59	See note
374-382 WTPQRP10	31311	Replicate 10 final interview weight 000073.37-0148125.5	See note
383-391 WTPQRP11	31311	Replicate 11 final interview weight 000058.31-146940.58	See note
392-400 WTPQRP12	31311	Replicate 12 final interview weight 000053.67-153958.72	See note
401-409 WTPQRP13	31311	Replicate 13 final interview weight 000067.93-147395.78	See note

DEMOGRAPHIC DATA

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

Positions SAS name	Counts	Item description and code	Notes
410-418 WTPQRP14	31311	Replicate 14 final interview weight 000065.08-138456.05	See note
419-427 WTPQRP15	31311	Replicate 15 final interview weight 000062.35-140673.55	See note
428-436 WTPQRP16	31311	Replicate 16 final interview weight 000040.28-147603.74	See note
437-445 WTPQRP17	31311	Replicate 17 final interview weight 000045.36-154057.83	See note
446-454 WTPQRP18	31311	Replicate 18 final interview weight 000070.42-138896.98	See note
455-463 WTPQRP19	31311	Replicate 19 final interview weight 000050.96-139447.18	See note
464-472 WTPQRP20	31311	Replicate 20 final interview weight 000045.79-156365.73	See note
473-481 WTPQRP21	31311	Replicate 21 final interview weight 000049.79-146241.31	See note
482-490 WTPQRP22	31311	Replicate 22 final interview weight 000047.25-0154848.6	See note
491-499 WTPQRP23	31311	Replicate 23 final interview weight 000037.18-148309.04	See note
500-508 WTPQRP24	31311	Replicate 24 final interview weight 000057.42-141344.14	See note
509-517 WTPQRP25	31311	Replicate 25 final interview weight 000044.13-145105.09	See note
518-526 WTPQRP26	31311	Replicate 26 final interview weight 0000066.1-146773.53	See note

DEMOGRAPHIC DATA

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

Positions SAS name	Counts	Item description and code	Notes
527-535 WTPQRP27	31311	Replicate 27 final interview weight 000044.88-142455.25	See note
536-544 WTPQRP28	31311	Replicate 28 final interview weight 000000046-148272.41	See note
545-553 WTPQRP29	31311	Replicate 29 final interview weight 000079.38-153624.57	See note
554-562 WTPQRP30	31311	Replicate 30 final interview weight 000058.09-151140.25	See note
563-571 WTPQRP31	31311	Replicate 31 final interview weight 000051.39-159963.39	See note
572-580 WTPQRP32	31311	Replicate 32 final interview weight 000066.17-132356.37	See note
581-589 WTPQRP33	31311	Replicate 33 final interview weight 0000057.8-136762.37	See note
590-598 WTPQRP34	31311	Replicate 34 final interview weight 000062.28-140628.16	See note
599-607 WTPQRP35	31311	Replicate 35 final interview weight 000063.73-154630.49	See note
608-616 WTPQRP36	31311	Replicate 36 final interview weight 000067.29-153648.69	See note
617-625 WTPQRP37	31311	Replicate 37 final interview weight 000043.47-135065.98	See note
626-634 WTPQRP38	31311	Replicate 38 final interview weight 000054.55-152122.87	See note
635-643 WTPQRP39	31311	Replicate 39 final interview weight 000050.55-152941.69	See note

DEMOGRAPHIC DATA

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

Positions SAS name	Counts	Item description and code	Notes
644-652 WTPQRP40	31311	Replicate 40 final interview weight 000054.45-146815.92	See note
653-661 WTPQRP41	31311	Replicate 41 final interview weight 000059.62-141514.78	See note
662-670 WTPQRP42	31311	Replicate 42 final interview weight 000068.97-0140162.4	See note
671-679 WTPQRP43	31311	Replicate 43 final interview weight 000044.04-150981.83	See note
680-688 WTPQRP44	31311	Replicate 44 final interview weight 000040.36-144080.03	See note
689-697 WTPQRP45	31311	Replicate 45 final interview weight 000054.74-0142465.6	See note
698-706 WTPQRP46	31311	Replicate 46 final interview weight 000078.43-137838.21	See note
707-715 WTPQRP47	31311	Replicate 47 final interview weight 000052.71-145055.34	See note
716-724 WTPQRP48	31311	Replicate 48 final interview weight 000046.91-148787.77	See note
725-733 WTPQRP49	31311	Replicate 49 final interview weight 0000072.4-148375.43	See note
734-742 WTPQRP50	31311	Replicate 50 final interview weight 000070.53-159394.39	See note
743-751 WTPQRP51	31311	Replicate 51 final interview weight 000054.73-0144964.3	See note
752-760 WTPQRP52	31311	Replicate 52 final interview weight 000072.04-149087.24	See note

DEMOGRAPHIC DATA

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

Positions SAS name	Counts	Item description and code	Notes
761-769		Replicate 1 final exam weight	See note
WTPXRP1	493	000000.00	
	30818	000054.73-164698.81	
770-778		Replicate 2 final exam weight	See note
WTPXRP2	493	000000.00	
	30818	0000067.3-164887.24	
779-787		Replicate 3 final exam weight	See note
WTPXRP3	493	000000.00	
	30818	0000048.2-0161201.8	
788-796		Replicate 4 final exam weight	See note
WTPXRP4	493	000000.00	
	30818	000067.24-149561.18	
797-805		Replicate 5 final exam weight	See note
WTPXRP5	493	000000.00	
	30818	000055.97-146312.81	
806-814		Replicate 6 final exam weight	See note
WTPXRP6	493	000000.00	
	30818	000051.48-156250.53	
815-823		Replicate 7 final exam weight	See note
WTPXRP7	493	000000.00	
	30818	000060.06-0157694.3	
824-832		Replicate 8 final exam weight	See note
WTPXRP8	493	000000.00	
	30818	0000053.1-169111.97	
833-841		Replicate 9 final exam weight	See note
WTPXRP9	493	000000.00	
	30818	000052.31-156939.22	
842-850		Replicate 10 final exam weight	See note
WTPXRP10	493	000000.00	
	30818	000072.13-0165805.2	

DEMOGRAPHIC DATA

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

Positions SAS name	Counts	Item description and code	Notes
851-859		Replicate 11 final exam weight	See note
WTPXRP11	493	000000.00	
	30818	000053.54-154918.93	
860-868		Replicate 12 final exam weight	See note
WTPXRP12	493	000000.00	
	30818	000055.35-164023.88	
869-877		Replicate 13 final exam weight	See note
WTPXRP13	493	000000.00	
	30818	0000067.9-147355.32	
878-886		Replicate 14 final exam weight	See note
WTPXRP14	493	000000.00	
	30818	000067.04-154034.72	
887-895		Replicate 15 final exam weight	See note
WTPXRP15	493	000000.00	
	30818	000062.21-156384.73	
896-904		Replicate 16 final exam weight	See note
WTPXRP16	493	000000.00	
	30818	000000040-157994.12	
905-913		Replicate 17 final exam weight	See note
WTPXRP17	493	000000.00	
	30818	000048.34-160889.46	
914-922		Replicate 18 final exam weight	See note
WTPXRP18	493	000000.00	
	30818	0000075.2-153937.93	
923-931		Replicate 19 final exam weight	See note
WTPXRP19	493	000000.00	
	30818	000056.83-149483.14	
932-940		Replicate 20 final exam weight	See note
WTPXRP20	493	000000.00	
	30818	0000045.1-165457.71	

NHANES III Examination Data File

DEMOGRAPHIC DATA

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

Positions SAS name	Counts	Item description and code	Notes
941-949		Replicate 21 final exam weight	See note
WTPXRP21	493	000000.00	
	30818	000055.15-152305.97	
950-958		Replicate 22 final exam weight	See note
WTPXRP22	493	000000.00	
	30818	000045.53-159746.13	
959-967		Replicate 23 final exam weight	See note
WTPXRP23	493	000000.00	
	30818	000037.51-158016.62	
968-976		Replicate 24 final exam weight	See note
WTPXRP24	493	000000.00	
	30818	000054.91-153043.54	
977-985		Replicate 25 final exam weight	See note
WTPXRP25	493	000000.00	
	30818	000043.77-155179.51	
986-994		Replicate 26 final exam weight	See note
WTPXRP26	493	000000.00	
	30818	000071.23-168273.22	
995-1003		Replicate 27 final exam weight	See note
WTPXRP27	493	000000.00	
	30818	000043.82-153212.25	
1004-1012		Replicate 28 final exam weight	See note
WTPXRP28	493	000000.00	
	30818	000045.61-147920.01	
1013-1021		Replicate 29 final exam weight	See note
WTPXRP29	493	000000.00	
	30818	000083.17-159279.49	
1022-1030		Replicate 30 final exam weight	See note
WTPXRP30	493	000000.00	
	30818	000059.05-162389.35	

DEMOGRAPHIC DATA

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

Positions SAS name	Counts	Item description and code	Notes
1031-1039		Replicate 31 final exam weight	See note
WTPXRP31	493	000000.00	
	30818	000052.61-163894.16	
1040-1048		Replicate 32 final exam weight	See note
WTPXRP32	493	000000.00	
	30818	000067.05-0149876.8	
1049-1057		Replicate 33 final exam weight	See note
WTPXRP33	493	000000.00	
	30818	000055.58-153417.47	
1058-1066		Replicate 34 final exam weight	See note
WTPXRP34	493	000000.00	
	30818	000063.45-156981.83	
1067-1075		Replicate 35 final exam weight	See note
WTPXRP35	493	000000.00	
	30818	000064.47-157897.09	
1076-1084		Replicate 36 final exam weight	See note
WTPXRP36	493	000000.00	
	30818	000067.68-171875.06	
1085-1093		Replicate 37 final exam weight	See note
WTPXRP37	493	000000.00	
	30818	000045.36-153137.39	
1094-1102		Replicate 38 final exam weight	See note
WTPXRP38	493	000000.00	
	30818	000055.94-159979.02	
1103-1111		Replicate 39 final exam weight	See note
WTPXRP39	493	000000.00	
	30818	000057.47-151920.72	
1112-1120		Replicate 40 final exam weight	See note
WTPXRP40	493	000000.00	
	30818	000057.86-157191.41	

NHANES III Examination Data File

DEMOGRAPHIC DATA

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

Positions SAS name	Counts	Item description and code	Notes
1121-1129		Replicate 41 final exam weight	See note
WTPXRP41	493	000000.00	
	30818	0000061.4-000146023	
1130-1138		Replicate 42 final exam weight	See note
WTPXRP42	493	000000.00	
	30818	000069.57-154624.02	
1139-1147		Replicate 43 final exam weight	See note
WTPXRP43	493	000000.00	
	30818	000044.35-159439.04	
1148-1156		Replicate 44 final exam weight	See note
WTPXRP44	493	000000.00	
	30818	000044.16-155951.73	
1157-1165		Replicate 45 final exam weight	See note
WTPXRP45	493	000000.00	
	30818	000059.87-147941.67	
1166-1174		Replicate 46 final exam weight	See note
WTPXRP46	493	000000.00	
	30818	000074.92-150980.02	
1175-1183		Replicate 47 final exam weight	See note
WTPXRP47	493	000000.00	
	30818	000050.64-151763.92	
1184-1192		Replicate 48 final exam weight	See note
WTPXRP48	493	000000.00	
	30818	0000045.8-156115.62	
1193-1201		Replicate 49 final exam weight	See note
WTPXRP49	493	000000.00	
	30818	000082.17-159609.54	
1202-1210		Replicate 50 final exam weight	See note
WTPXRP50	493	000000.00	
	30818	000071.97-168153.71	

NHANES III Examination Data File

DEMOGRAPHIC DATA

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

Positions SAS name	Counts	Item description and code	Notes
1211-1219		Replicate 51 final exam weight	See note
WTPXRP51	493	000000.00	
	30818	000054.04-158632.23	
1220-1228		Replicate 52 final exam weight	See note
WTPXRP52	493	000000.00	
	30818	000073.26-158493.21	

NHANES III Examination Data File

DEMOGRAPHIC DATA

HOUSEHOLD YOUTH QUESTIONNAIRE (HYQ)

Positions SAS name	Counts	Item description and code	Notes
1229-1232		Age in months at household youth interview	See note
HYAITMO	13129	0002-0204	
	20	8888 Blank but applicable	
	18162	Blank	

DEMOGRAPHIC DATA

MEC EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1233		Language used by sample person in MEC		See note
MXPLANG	25649	1	English	
	4095	2	Spanish	
	3	3	Other	
	1564	Blank		
1234		Examination session for MEC examinees		See note
MXPSESSR	14543	1	Morning	
	10070	2	Afternoon	
	6205	3	Evening	
	493	Blank		
1235		Day of week of MEC exam		
MXPTIDW	2973	1	Sunday	
	2766	2	Monday	
	2760	3	Tuesday	
	3201	4	Wednesday	
	5871	5	Thursday	
	5457	6	Friday	
	7790	7	Saturday	
	493	Blank		

NHANES III Examination Data File

DEMOGRAPHIC DATA

MEC EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1236-1239		Age in months at MEC exam		See note
MXPAXTMR	30712	0002-1079		
	106	1080	1080+ months	
	493	Blank		

DEMOGRAPHIC DATA

HOME EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1240		Day of week of home exam		
HXPTIDW	24	1	Sunday	
	116	2	Monday	
	6	3	Tuesday	
	16	4	Wednesday	
	136	5	Thursday	
	130	6	Friday	
	65	7	Saturday	
	30818	Blank		
1241-1244		Age in months at home exam		See note
HXPAXTMR	446	0002-1079		
	47	1080	1080+ months	
	30818	Blank		
1245		Examination session for home examinees		See note
HXPSESSR	219	1	Morning	
	230	2	Afternoon	
	40	3	Evening	
	4	8	Blank but applicable	
	30818	Blank		

DEMOGRAPHIC DATA: NOTES

Screener Questionnaire

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 post stratified 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 variables 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 to be interviewed in their preferred language. When it was necessary to conduct an interview in a 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.

References

Butler MA, Beale CL. Rural-urban continuum codes for metro and nonmetro counties, 1993. Agriculture and Rural Economy Division, Economic Research Services, U.S. Department of Agriculture, Staff Report No. AGES-9425, 1993.

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Judkins DR. Fay's method for variance estimation. Journal of Official Statistics 6 (3):223-239. 1990.

U.S. Department of Health and Human Services(DHHS). National Center for Health Statistics. NHANES III Reference Manuals and Reports (CD-ROM). 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)

Shah BV, Barnwell BG, Bieler GS. SUDAAN User's Manual: Software for Analysis of Correlated Data, Release 6.04. Research Triangle Park, North Carolina. 1995.

Appendix 1. State and county FIPS codes for areas with populations of 500,000 or more.

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

PHYSICIAN'S EXAMINATION

Examinations were conducted on all examinees by a trained physician in the mobile examination center (MEC). The protocol for this component did not detail any medical, safety, or other exclusions.

Because this component was administered in the examination center, the MEC examination sample weight (WTPFEX6) should be used for data analysis. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

The examination was performed by a board-eligible physician. Depending on the examinee's age, the examination included observation of gait, eye, and limb abnormalities; a joint examination of upper and lower extremities; blood pressure measurements; evaluation of heart and breath sounds; Tanner staging and breast-size measurements; and bioelectrical impedance analysis (BIA) resistance and reactance measurements.

Refer to Chapter 3 of the Physician Examiners Training Manual (U.S. DHHS, 1996b) and Pulse and Blood Pressure Procedures for Household Interviewers (U.S. DHHS, 1996b) for descriptions of data collection procedures and methods.

Although the BIA measures were recorded during the physician's examination, these data are included in the Body Measurements section of this data file.

Three sets of blood pressure measurements were taken in the examination center on examinees aged five years and over. For children and adolescents (aged 5-19 years), three Korotkoff (K) sounds were recorded: K1 (systolic); K4, muffling of pulse sounds (diastolic); and K5, disappearance of pulse sounds (diastolic). For adults (aged 20 years and over), only K1 (systolic) and K5 (diastolic) measurements were obtained. All blood pressure determinations were recorded to the nearest even number. Blood pressure measurements were also taken by trained interviewers during the household interview, on sample persons aged seventeen years and over. These data can be found in the NHANES III Household Adult Data File as part of the Household Adult Questionnaire in variables HAZA1-HAZNOK5R. Both physicians and interviewers took measurements using a mercury sphygmomanometer (W. A. Baum Co., Inc, Copiague, NY) according to the standardized blood pressure measurement protocols recommended by the American Heart Association (Frohlich, 1988).

In addition to taking part in an initial training course specific to the NHANES III examination procedures, examining physicians participated in a formal, annual re-training program. Their work in the field was monitored for quality by consultants and NCHS staff who visited the mobile examination centers; monitoring occurred once a month in the earlier years and every three months during the latter part of the survey.

For additional blood pressure quality control, physicians and household interviewers received a day and a half of initial blood

pressure measurement training, were recertified quarterly, and were retrained annually. Training consisted of instruction in the recognition of Korotkoff sounds using videotaped blood pressure examples, comparison of blood pressure readings with those of instructors using double-headed stethoscopes, and practice with volunteer subjects. Physicians and household interviewers who exhibited end-digit preferences, high/low measurement bias, or lack of consistent measurements repeated the training until their performances were deemed satisfactory for certification. Physicians and household interviewers were given hearing tests at the beginning of their employment and yearly thereafter.

Note that the coded values for "Yes" (2) and "No" (1) responses in the physician's examination vary from the usual coded values for "Yes" (1) and "No" (2) found in most other places in the NHANES III data files. They match the codes found on the Physician's Examination form (U.S. DHHS, 1996b).

Also note that a number of areas (joint examination, dermatitis, chest, and heart examination) in the Physician's Examination allow for multiple responses. For example, on the wrist examination (PEP4A, PEP4A1, PEP4A2, and PEP4A3), the examining physician may have found both tenderness and swelling (PEP4A1=2 and PEP4A2=2). Consequently, the overall positive findings in the detailed questions (PEP4A1, PEP4A2, and PEP4A3) may exceed the number of positive findings reported in the lead question (PEP4A).

Moreover, individuals classified as having a positive finding in a lead question may have an 8-fill, "Blank but applicable," in one of the associated detailed questions. For example, 26 cases classified as "Yes" in PEP1 (overall findings for locomotion) were classified as "Blank but applicable" for PEP1A1 (limp or shuffle) instead of "Yes, limp or shuffle" or "No findings." Here, the examining physician used "Blank but applicable" to account for situations in which he/she was unable to observe or examine the specific abnormality.

When blood pressure measurement data were edited and it was discovered that examinees aged twenty years and over were missing one of a K1/K5 pair of blood pressure measurements, the remaining one was made "Blank but applicable;" there were ten such cases. However, for examinees under twenty years of age who lacked one or two of a set of K1/K4/K5 blood pressure measurements, a different approach was taken. There were 71 such cases with the overwhelming majority of the missing values being K4 and K5. Because the literature on pediatric blood pressure suggests that systolic blood pressure is the most reliable determination (Uhari, 1991), it was not desirable to delete this value if the associated K4 and/or K5 values were missing. Therefore, K1 values in the data set were retained without the corresponding K4 or K5 values. This accounts for discrepancies in counts between K1 and K5 determinations (between PEP6G1 and PEP6G3, PEP6H1 and PEP6H3, and PEP6I1 and PEP6I3). Finally, when K4 was equal to K5, K4 was coded as "Blank but applicable."

The analyst should be aware of the potential for observer bias when analyzing these data. During the six years of the survey, the number of examinations performed by each physician varied widely among the

twelve physicians, from as few as 199 to as many as 9,529.

Data processing and editing were performed to ensure internal data consistency. Notes have been provided for variables requiring additional explanation.

PHYSICIAN'S EXAMINATION

LOCOMOTION

Positions SAS name	Counts	Item description and code		Notes
1246		Overall findings for locomotion		
PEP1		(3 years and over)		
	24124	1	No findings	
	1269	2	Yes, findings	
	937	8	Blank but applicable	
	4981	Blank		
1247		Limp or shuffle (3 years and over)		
PEP1A1	24465	1	No findings	
	896	2	Yes, limp or shuffle	
	969	8	Blank but applicable	
	4981	Blank		
1248		Other gait abnormalities		
PEP1A2		(3 years and over)		
	24938	1	No findings	
	442	2	Yes, other gait abnormality	
	950	8	Blank but applicable	
	4981	Blank		

NHANES III Examination Data File

PHYSICIAN'S EXAMINATION

EYES

Positions SAS name	Counts	Item description and code		Notes
1249		Eye globe missing or blind		
PEP2		(2 months - 18 years)		
	13407	1	No, intact and functional	
	7	2	Right	
	9	3	Left	
	20	4	Both	
	444	8	Blank but applicable	
	17424	Blank		
1250		Tracks light (2 months - 4 years)		

PEP2A	6174	1	Yes
	328	2	No
	203	8	Blank but applicable
	24606	Blank	

	1251		Strabismus by observation or by cover/uncover test (5-18 years)
PEP2B	6431	1	No strabismus
	135	2	Observation
	277	3	Cover/uncover test
	339	8	Blank but applicable
	24129	Blank	

PHYSICIAN'S EXAMINATION

OBSERVATION

Positions SAS name	Counts	Item description and code		Notes
1252		Overall findings in paralysis category		
PEP3A		(paralysis/paresis of arm or leg or in a wheelchair) (all ages)		
	29390	1	No findings	
	234	2	Yes, findings	
	1194	8	Blank but applicable	
	493	Blank		
1253		Paralysis/paresis of arm (all ages)		
PEP3A1A	29515	1	No findings	
	43	2	Right	
	44	3	Left	
	20	4	Both	
	1196	8	Blank but applicable	
	493	Blank		
1254		Paralysis/paresis of leg (all ages)		
PEP3A1B	29482	1	No findings	
	47	2	Right	
	35	3	Left	
	51	4	Both	
	1203	8	Blank but applicable	
	493	Blank		
1255		In a wheelchair or stretcher (all ages)		See note
PEP3A2				
	29497	1	No findings	
	125	2	Yes	
	1196	8	Blank but applicable	
	493	Blank		
1256		Overall findings for amputee/cast section (shoulder, elbow, wrist, fingers) (all ages)		
PEP3B1				
	29513	1	No findings	
	104	2	Yes, findings	
	1201	8	Blank but applicable	
	493	Blank		

PHYSICIAN'S EXAMINATION

OBSERVATION

Positions SAS name	Counts	Item description and code		Notes
1257-1258		Amputee/cast, left arm (all ages)		See note
PEP3LARM	14646	01	No findings	
	1	04	Amputee below shoulder/above elbow joint	
	1	06	Amputee below elbow/above wrist	
	2	07	Amputee at wrist joint	
	2	09	Cast anywhere on the arm	
	1	10	Cast shoulder	
	8	12	Cast wrist	
	536	88	Blank but applicable	
	16114	Blank		
1259-1260		Amputee/cast, right arm (all ages)		See note
PEP3RARM	14645	01	No findings	
	1	03	Amputee at shoulder	
	2	04	Amputee below shoulder/above elbow joint	
	1	06	Amputee below elbow/above wrist	
	1	07	Amputee at wrist joint	
	2	09	Cast anywhere on the arm	
	3	10	Cast shoulder	
	1	11	Cast elbow	
	7	12	Cast wrist	
	536	88	Blank but applicable	
	16112	Blank		
1261		Amputee/cast, left finger 1 (all ages)		See note
PEP3BFL1	29597	1	No findings	
	9	2	Yes, cast	
	4	3	Yes, amputee	
	4	4	Amputated above the finger	
	1204	8	Blank but applicable	
	493	Blank		

PHYSICIAN'S EXAMINATION

OBSERVATION

Positions SAS name	Counts	Item description and code		Notes
1262		Amputee/cast, left finger 2 (all ages)		See note
PEP3BFL2	29593	1	No findings	
	10	2	Yes, cast	
	7	3	Yes, amputee	
	4	4	Amputated above the finger	
	1204	8	Blank but applicable	
	493	Blank		
1263		Amputee/cast, left finger 3 (all ages)		See note
PEP3BFL3	29596	1	No findings	
	9	2	Yes, cast	
	6	3	Yes, amputee	
	4	4	Amputated above the finger	
	1203	8	Blank but applicable	
	493	Blank		
1264		Amputee/cast, left finger 4 (all ages)		See note
PEP3BFL4	29592	1	No findings	
	14	2	Yes, cast	
	4	3	Yes, amputee	
	4	4	Amputated above the finger	
	1204	8	Blank but applicable	
	493	Blank		
1265		Amputee/cast, left finger 5 (all ages)		See note
PEP3BFL5	29590	1	No findings	
	11	2	Yes, cast	
	9	3	Yes, amputee	
	4	4	Amputated above the finger	
	1204	8	Blank but applicable	
	493	Blank		
1266		Amputee/cast, right finger 1 (all ages)		See note
PEP3BFR1	29602	1	No findings	
	2	2	Yes, cast	
	3	3	Yes, amputee	
	5	4	Amputated above the finger	
	1206	8	Blank but applicable	
	493	Blank		

PHYSICIAN'S EXAMINATION

OBSERVATION

Positions SAS name	Counts	Item description and code		Notes
1267		Amputee/cast, right finger 2 (all ages)		See note
PEP3BFR2	29595	1	No findings	
	4	2	Yes, cast	
	7	3	Yes, amputee	
	5	4	Amputated above the finger	
	1207	8	Blank but applicable	
	493	Blank		
1268		Amputee/cast, right finger 3 (all ages)		See note
PEP3BFR3	29595	1	No findings	
	7	2	Yes, cast	
	5	3	Yes, amputee	
	5	4	Amputated above the finger	
	1206	8	Blank but applicable	
	493	Blank		
1269		Amputee/cast, right finger 4 (all ages)		See note
PEP3BFR4	29600	1	No findings	
	5	2	Yes, cast	
	2	3	Yes, amputee	
	5	4	Amputated above the finger	
	1206	8	Blank but applicable	
	493	Blank		
1270		Amputee/cast, right finger 5 (all ages)		See note
PEP3BFR5	29605	1	No findings	
	1	2	Yes, cast	
	1	3	Yes, amputee	
	5	4	Amputated above the finger	
	1206	8	Blank but applicable	
	493	Blank		
1271		Overall findings for amputee/cast leg section (hip, knee, ankle, great toes) (all ages)		
PEP3B2	29524	1	No findings	
	63	2	Yes, findings	
	1231	8	Blank but applicable	
	493	Blank		

PHYSICIAN'S EXAMINATION

OBSERVATION

Positions SAS name	Counts	Item description and code		Notes
1272-1273		Amputee/cast, left leg (all ages)		See note
PEP3LLEG	14627	01	No findings	
	5	04	Amputee below hip/above knee joint	
	8	06	Amputee below knee/above ankle joint	
	2	09	Cast anywhere on the leg	
	2	10	Cast hip	
	6	11	Cast knee	
	8	12	Cast ankle	
	546	88	Blank but applicable	
	16107	Blank		
1274-1275		Amputee/cast, right leg (all ages)		See note
PEP3RLEG	14611	01	No findings	
	5	04	Amputee below hip/above knee joint	
	9	06	Amputee below knee/above ankle joint	
	2	08	Amputee below ankle joint	
	1	09	Cast anywhere on the leg	
	2	10	Cast hip	
	5	11	Cast knee	
	8	12	Cast ankle	
	560	88	Blank but applicable	
	16108	Blank		
1276		Amputee/cast, right great toe (all ages)		See note
PEP3B2TR	14930	1	No findings	
	9	2	Yes,amputee/cast	
	16	3	Amputated above the toe	
	691	8	Blank but applicable	
	15665	Blank		
1277		Amputee/cast, left great toe (all ages)		See note
PEP3B2TL	14931	1	No findings	
	3	2	Yes,amputee/cast	
	13	3	Amputated above the toe	
	696	8	Blank but applicable	
	15668	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
	1278	Overall wrist findings for hand joint		
PEP4A		manifestations section (tender, swelling, pain) (60 years and over)		
	4721	1	No findings	
	360	2	Yes, findings	
	221	8	Blank but applicable	
	26009	Blank		
	1279	Wrist: tender on palpation		
PEP4A1		(60 years and over)		
	4805	1	No tenderness	
	81	2	Right	
	108	3	Left	
	87	4	Both	
	221	8	Blank but applicable	
	26009	Blank		
	1280	Wrist: swelling (60 years and over)		
PEP4A2	5012	1	No swelling	
	17	2	Right	
	17	3	Left	
	35	4	Both	
	221	8	Blank but applicable	
	26009	Blank		
	1281	Wrist: pain on passive motion		
PEP4A3		(60 years and over)		
	4866	1	No pain	
	75	2	Right	
	66	3	Left	
	72	4	Both	
	223	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1282		Overall findings for carpometacarpal		
PEP4CMC		(CMC) joint manifestations section		
		(60 years and over)		
		(during years 4, 5, and 6 of the survey)		
	2224	1	No findings	
	264	2	Yes, findings	
	101	8	Blank but applicable	
	28722	Blank		
1283		CMC joint: crepitus (60 years and over)		
PEP4CMCC		(during years 4, 5, and 6 of the survey)		
	2436	1	No crepitus	
	13	2	Right	
	30	3	Left	
	9	4	Both	
	101	8	Blank but applicable	
	28722	Blank		
1284		CMC joint: tender on palpation		
PEP4CMCT		(60 years and over)		
		(during years 4, 5, and 6 of the survey)		
	2285	1	No tenderness	
	72	2	Right	
	65	3	Left	
	66	4	Both	
	101	8	Blank but applicable	
	28722	Blank		
1285		CMC joint: swelling (60 years and over)		
PEP4CMCS		(during years 4, 5, and 6 of the survey)		
	2472	1	No swelling	
	3	2	Right	
	5	3	Left	
	8	4	Both	
	101	8	Blank but applicable	
	28722	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1286		CMC joint: pain on passive motion		
PEP4CMCP		(60 years and over)		
		(during years 4, 5, and 6 of the survey)		
	2358	1	No pain	
	37	2	Right	
	43	3	Left	
	50	4	Both	
	101	8	Blank but applicable	
	28722	Blank		
1287		Overall findings for metacarpophalangeal		
PEP4B		(MCP) joint in hand joint manifestations		
		section (60 years and over)		
	4163	1	No findings	
	998	2	Yes, findings	
	141	8	Blank but applicable	
	26009	Blank		
1288		Right finger 1, MCP joint: tenderness		
PEP4BTR1		(60 years and over)		
	4949	1	No tenderness	
	207	2	Tenderness	
	146	8	Blank but applicable	
	26009	Blank		
1289		Right finger 2, MCP joint: tenderness		
PEP4BTR2		(60 years and over)		
	4996	1	No tenderness	
	157	2	Tenderness	
	149	8	Blank but applicable	
	26009	Blank		
1290		Right finger 3, MCP joint: tenderness		
PEP4BTR3		(60 years and over)		
	4995	1	No tenderness	
	156	2	Tenderness	
	151	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1291		Right finger 4, MCP joint: tenderness		
PEP4BTR4		(60 years and over)		
	5027	1	No tenderness	
	128	2	Tenderness	
	147	8	Blank but applicable	
	26009	Blank		
1292		Right finger 5, MCP joint: tenderness		
PEP4BTR5		(60 years and over)		
	5034	1	No tenderness	
	122	2	Tenderness	
	146	8	Blank but applicable	
	26009	Blank		
1293		Left finger 1, MCP joint: tenderness		
PEP4BTL1		(60 years and over)		
	4975	1	No tenderness	
	174	2	Tenderness	
	153	8	Blank but applicable	
	26009	Blank		
1294		Left finger 2, MCP joint: tenderness		
PEP4BTL2		(60 years and over)		
	4985	1	No tenderness	
	162	2	Tenderness	
	155	8	Blank but applicable	
	26009	Blank		
1295		Left finger 3, MCP joint: tenderness		
PEP4BTL3		(60 years and over)		
	4989	1	No tenderness	
	158	2	Tenderness	
	155	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code	Notes
1296		Left finger 4, MCP joint: tenderness	
PEP4BTL4		(60 years and over)	
	5013	1 No tenderness	
	133	2 Tenderness	
	156	8 Blank but applicable	
	26009	Blank	
1297		Left finger 5, MCP joint: tenderness	
PEP4BTL5		(60 years and over)	
	5032	1 No tenderness	
	113	2 Tenderness	
	157	8 Blank but applicable	
	26009	Blank	
1298		Right finger 1, MCP joint: swelling	
PEP4BSR1		(60 years and over)	
	5099	1 No swelling	
	58	2 Swelling	
	145	8 Blank but applicable	
	26009	Blank	
1299		Right finger 2, MCP joint: swelling	
PEP4BSR2		(60 years and over)	
	5001	1 No swelling	
	153	2 Swelling	
	148	8 Blank but applicable	
	26009	Blank	
1300		Right finger 3, MCP joint: swelling	
PEP4BSR3		(60 years and over)	
	4990	1 No swelling	
	162	2 Swelling	
	150	8 Blank but applicable	
	26009	Blank	

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1301		Right finger 4, MCP joint: swelling		
PEP4BSR4		(60 years and over)		
	5108	1	No swelling	
	48	2	Swelling	
	146	8	Blank but applicable	
	26009	Blank		
1302		Right finger 5, MCP joint: swelling		
PEP4BSR5		(60 years and over)		
	5125	1	No swelling	
	33	2	Swelling	
	144	8	Blank but applicable	
	26009	Blank		
1303		Left finger 1, MCP joint: swelling		
PEP4BSL1		(60 years and over)		
	5093	1	No swelling	
	57	2	Swelling	
	152	8	Blank but applicable	
	26009	Blank		
1304		Left finger 2, MCP joint: swelling		
PEP4BSL2		(60 years and over)		
	4993	1	No swelling	
	155	2	Swelling	
	154	8	Blank but applicable	
	26009	Blank		
1305		Left finger 3, MCP joint: swelling		
PEP4BSL3		(60 years and over)		
	5000	1	No swelling	
	148	2	Swelling	
	154	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1306		Left finger 4, MCP joint: swelling		
PEP4BSL4		(60 years and over)		
	5097	1	No swelling	
	50	2	Swelling	
	155	8	Blank but applicable	
	26009	Blank		
1307		Left finger 5, MCP joint: swelling		
PEP4BSL5		(60 years and over)		
	5115	1	No swelling	
	31	2	Swelling	
	156	8	Blank but applicable	
	26009	Blank		
1308		Right finger 1, MCP joint: pain on		
PEP4BPR1		passive motion (60 years and over)		
	4993	1	No pain	
	162	2	Pain	
	147	8	Blank but applicable	
	26009	Blank		
1309		Right finger 2, MCP joint: pain on		
PEP4BPR2		passive motion (60 years and over)		
	5034	1	No pain	
	119	2	Pain	
	149	8	Blank but applicable	
	26009	Blank		
1310		Right finger 3, MCP joint: pain on		
PEP4BPR3		passive motion (60 years and over)		
	5036	1	No pain	
	115	2	Pain	
	151	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1311		Right finger 4, MCP joint: pain on		
PEP4BPR4		passive motion (60 years and over)		
	5059	1	No pain	
	96	2	Pain	
	147	8	Blank but applicable	
	26009	Blank		
1312		Right finger 5, MCP joint: pain on		
PEP4BPR5		passive motion (60 years and over)		
	5034	1	No pain	
	79	2	Pain	
	189	8	Blank but applicable	
	26009	Blank		
1313		Left finger 1, MCP joint: pain on		
PEP4BPL1		passive motion (60 years and over)		
	5012	1	No pain	
	137	2	Pain	
	153	8	Blank but applicable	
	26009	Blank		
1314		Left finger 2, MCP joint: pain on		
PEP4BPL2		passive motion (60 years and over)		
	5037	1	No pain	
	110	2	Pain	
	155	8	Blank but applicable	
	26009	Blank		
1315		Left finger 3, MCP joint: pain on		
PEP4BPL3		passive motion (60 years and over)		
	5046	1	No pain	
	101	2	Pain	
	155	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1316		Left finger 4, MCP joint: pain on		
PEP4BPL4		passive motion (60 years and over)		
	5061	1	No pain	
	85	2	Pain	
	156	8	Blank but applicable	
	26009	Blank		
1317		Left finger 5, MCP joint: pain on		
PEP4BPL5		passive motion (60 years and over)		
	5069	1	No pain	
	76	2	Pain	
	157	8	Blank but applicable	
	26009	Blank		
1318		Right finger 2, proximal interphalangeal		
PEP4CTR2		(PIP) joint: tenderness (60 years and over)		
	4951	1	No tenderness	
	201	2	Tenderness	
	150	8	Blank but applicable	
	26009	Blank		
1319		Right finger 3, PIP joint: tenderness		
PEP4CTR3		(60 years and over)		
	4934	1	No tenderness	
	214	2	Tenderness	
	154	8	Blank but applicable	
	26009	Blank		
1320		Right finger 4, PIP joint: tenderness		
PEP4CTR4		(60 years and over)		
	4951	1	No tenderness	
	202	2	Tenderness	
	149	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1321		Right finger 5, PIP joint: tenderness		
PEP4CTR5		(60 years and over)		
	4992	1	No tenderness	
	162	2	Tenderness	
	148	8	Blank but applicable	
	26009	Blank		
1322		Left finger 2, PIP joint: tenderness		
PEP4CTL2		(60 years and over)		
	4959	1	No tenderness	
	183	2	Tenderness	
	160	8	Blank but applicable	
	26009	Blank		
1323		Left finger 3, PIP joint: tenderness		
PEP4CTL3		(60 years and over)		
	4971	1	No tenderness	
	174	2	Tenderness	
	157	8	Blank but applicable	
	26009	Blank		
1324		Left finger 4, PIP joint: tenderness		
PEP4CTL4		(60 years and over)		
	4969	1	No tenderness	
	176	2	Tenderness	
	157	8	Blank but applicable	
	26009	Blank		
1325		Left finger 5, PIP joint: tenderness		
PEP4CTL5		(60 years and over)		
	4994	1	No tenderness	
	148	2	Tenderness	
	160	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1326		Right finger 2, PIP joint: swelling		
PEP4CSR2		(60 years and over)		
	5037	1	No swelling	
	116	2	Swelling	
	149	8	Blank but applicable	
	26009		Blank	
1327		Right finger 3, PIP joint: swelling		
PEP4CSR3		(60 years and over)		
	5027	1	No swelling	
	123	2	Swelling	
	152	8	Blank but applicable	
	26009		Blank	
1328		Right finger 4, PIP joint: swelling		
PEP4CSR4		(60 years and over)		
	5063	1	No swelling	
	91	2	Swelling	
	148	8	Blank but applicable	
	26009		Blank	
1329		Right finger 5, PIP joint: swelling		
PEP4CSR5		(60 years and over)		
	5099	1	No swelling	
	56	2	Swelling	
	147	8	Blank but applicable	
	26009		Blank	
1330		Left finger 2, PIP joint: swelling		
PEP4CSL2		(60 years and over)		
	5043	1	No swelling	
	100	2	Swelling	
	159	8	Blank but applicable	
	26009		Blank	

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1331		Left finger 3, PIP joint: swelling		
PEP4CSL3		(60 years and over)		
	5038	1	No swelling	
	108	2	Swelling	
	156	8	Blank but applicable	
	26009		Blank	
1332		Left finger 4, PIP joint: swelling		
PEP4CSL4		(60 years and over)		
	5068	1	No swelling	
	78	2	Swelling	
	156	8	Blank but applicable	
	26009		Blank	
1333		Left finger 5, PIP joint: swelling		
PEP4CSL5		(60 years and over)		
	5092	1	No swelling	
	51	2	Swelling	
	159	8	Blank but applicable	
	26009		Blank	
1334		Right finger 2, PIP joint: pain on		
PEP4CPR2		passive motion (60 years and over)		
	5017	1	No pain	
	135	2	Pain	
	150	8	Blank but applicable	
	26009		Blank	
1335		Right finger 3, PIP joint: pain on		
PEP4CPR3		passive motion (60 years and over)		
	5007	1	No pain	
	141	2	Pain	
	154	8	Blank but applicable	
	26009		Blank	

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1336		Right finger 4, PIP joint: pain on		
PEP4CPR4		passive motion (60 years and over)		
	5027	1	No pain	
	126	2	Pain	
	149	8	Blank but applicable	
	26009	Blank		
1337		Right finger 5, PIP joint: pain on		
PEP4CPR5		passive motion (60 years and over)		
	5039	1	No pain	
	115	2	Pain	
	148	8	Blank but applicable	
	26009	Blank		
1338		Left finger 2, PIP joint: pain on		
PEP4CPL2		passive motion (60 years and over)		
	5036	1	No pain	
	106	2	Pain	
	160	8	Blank but applicable	
	26009	Blank		
1339		Left finger 3, PIP joint: pain on		
PEP4CPL3		passive motion (60 years and over)		
	5034	1	No pain	
	111	2	Pain	
	157	8	Blank but applicable	
	26009	Blank		
1340		Left finger 4, PIP joint: pain on		
PEP4CPL4		passive motion (60 years and over)		
	5047	1	No pain	
	98	2	Pain	
	157	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1341 PEP4CPL5		Left finger 5, PIP joint: pain on passive motion (60 years and over)		
	5048	1	No pain	
	94	2	Pain	
	160	8	Blank but applicable	
	26009	Blank		
1342 PEP4DTR1		Right finger 1, interphalangeal (IP) joint: tenderness (60 years and over)		
	5010	1	No tenderness	
	143	2	Tenderness	
	149	8	Blank but applicable	
	26009	Blank		
1343 PEP4DTR2		Right finger 2, distal interphalangeal (DIP) joint: tenderness (60 years and over)		
	4968	1	No tenderness	
	179	2	Tenderness	
	155	8	Blank but applicable	
	26009	Blank		
1344 PEP4DTR3		Right finger 3, DIP joint: tenderness (60 years and over)		
	4969	1	No tenderness	
	174	2	Tenderness	
	159	8	Blank but applicable	
	26009	Blank		
1345 PEP4DTR4		Right finger 4, DIP joint: tenderness (60 years and over)		
	4992	1	No tenderness	
	157	2	Tenderness	
	153	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code	Notes
1346		Right finger 5, DIP joint: tenderness	
PEP4DTR5		(60 years and over)	
	4984	1 No tenderness	
	169	2 Tenderness	
	149	8 Blank but applicable	
	26009	Blank	
1347		Left finger 1, IP joint: tenderness	
PEP4DTL1		(60 years and over)	
	5045	1 No tenderness	
	101	2 Tenderness	
	156	8 Blank but applicable	
	26009	Blank	
1348		Left finger 2, DIP joint: tenderness	
PEP4DTL2		(60 years and over)	
	4990	1 No tenderness	
	144	2 Tenderness	
	168	8 Blank but applicable	
	26009	Blank	
1349		Left finger 3, DIP joint: tenderness	
PEP4DTL3		(60 years and over)	
	4998	1 No tenderness	
	140	2 Tenderness	
	164	8 Blank but applicable	
	26009	Blank	
1350		Left finger 4, DIP joint: tenderness	
PEP4DTL4		(60 years and over)	
	5018	1 No tenderness	
	123	2 Tenderness	
	161	8 Blank but applicable	
	26009	Blank	

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1351		Left finger 5, DIP joint: tenderness		
PEP4DTL5		(60 years and over)		
	5018	1	No tenderness	
	122	2	Tenderness	
	162	8	Blank but applicable	
	26009	Blank		
1352		Right finger 1, IP joint: swelling		
PEP4DSR1		(60 years and over)		
	5113	1	No swelling	
	41	2	Swelling	
	148	8	Blank but applicable	
	26009	Blank		
1353		Right finger 2, DIP joint: swelling		
PEP4DSR2		(60 years and over)		
	5079	1	No swelling	
	69	2	Swelling	
	154	8	Blank but applicable	
	26009	Blank		
1354		Right finger 3, DIP joint: swelling		
PEP4DSR3		(60 years and over)		
	5080	1	No swelling	
	65	2	Swelling	
	157	8	Blank but applicable	
	26009	Blank		
1355		Right finger 4, DIP joint: swelling		
PEP4DSR4		(60 years and over)		
	5097	1	No swelling	
	53	2	Swelling	
	152	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1356		Right finger 5, DIP joint: swelling		
PEP4DSR5		(60 years and over)		
	5106	1	No swelling	
	48	2	Swelling	
	148	8	Blank but applicable	
	26009	Blank		
1357		Left finger 1, IP joint: swelling		
PEP4DSL1		(60 years and over)		
	5109	1	No swelling	
	38	2	Swelling	
	155	8	Blank but applicable	
	26009	Blank		
1358		Left finger 2, DIP joint: swelling		
PEP4DSL2		(60 years and over)		
	5082	1	No swelling	
	53	2	Swelling	
	167	8	Blank but applicable	
	26009	Blank		
1359		Left finger 3, DIP joint: swelling		
PEP4DSL3		(60 years and over)		
	5084	1	No swelling	
	55	2	Swelling	
	163	8	Blank but applicable	
	26009	Blank		
1360		Left finger 4, DIP joint: swelling		
PEP4DSL4		(60 years and over)		
	5093	1	No swelling	
	49	2	Swelling	
	160	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1361		Left finger 5, DIP joint: swelling		
PEP4DSL5		(60 years and over)		
	5102	1	No swelling	
	39	2	Swelling	
	161	8	Blank but applicable	
	26009	Blank		
1362		Right finger 1, IP joint: pain on		
PEP4DPR1		passive motion (60 years and over)		
	5049	1	No pain	
	103	2	Pain	
	150	8	Blank but applicable	
	26009	Blank		
1363		Right finger 2, DIP joint: pain on		
PEP4DPR2		passive motion (60 years and over)		
	5028	1	No pain	
	120	2	Pain	
	154	8	Blank but applicable	
	26009	Blank		
1364		Right finger 3, DIP joint: pain on		
PEP4DPR3		passive motion (60 years and over)		
	5028	1	No pain	
	116	2	Pain	
	158	8	Blank but applicable	
	26009	Blank		
1365		Right finger 4, DIP joint: pain on		
PEP4DPR4		passive motion (60 years and over)		
	5046	1	No pain	
	103	2	Pain	
	153	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1366		Right finger 5, DIP joint: pain on		
PEP4DPR5		passive motion (60 years and over)		
	5035	1	No pain	
	117	2	Pain	
	150	8	Blank but applicable	
	26009	Blank		
1367		Left finger 1, IP joint: pain on passive		
PEP4DPL1		motion (60 years and over)		
	5067	1	No pain	
	79	2	Pain	
	156	8	Blank but applicable	
	26009	Blank		
1368		Left finger 2, DIP joint: pain on		
PEP4DPL2		passive motion (60 years and over)		
	5034	1	No pain	
	100	2	Pain	
	168	8	Blank but applicable	
	26009	Blank		
1369		Left finger 3, DIP joint: pain on		
PEP4DPL3		passive motion (60 years and over)		
	5032	1	No pain	
	106	2	Pain	
	164	8	Blank but applicable	
	26009	Blank		
1370		Left finger 4, DIP joint: pain on		
PEP4DPL4		passive motion (60 years and over)		
	5048	1	No pain	
	92	2	Pain	
	162	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1371		Left finger 5, DIP joint: pain on		
PEP4DPL5		passive motion (60 years and over)		
	5052	1	No pain	
	88	2	Pain	
	162	8	Blank but applicable	
	26009	Blank		
1372		Bony thickening/spurs at CMC joint		
PEP4CMCJ		(60 years and over)		
		(during years 4, 5, and 6 of the survey)		
	2061	1	No thickening/spurs	
	55	2	Right	
	92	3	Left	
	293	4	Both	
	88	8	Blank but applicable	
	28722	Blank		
1373		Overall deformities findings in upper		
PEP4E1		extremities section (60 years and over)		
	2391	1	No findings	
	2706	2	Yes, findings	
	205	8	Blank but applicable	
	26009	Blank		
1374		Heberden's nodes (DIP)		
PEP4E1A		(60 years and over)		
	2782	1	No Heberden's nodes	
	349	2	Right hand	
	137	3	Left hand	
	1828	4	Both hands	
	206	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1375		Bouchard's nodes (PIP)		
PEP4E1B		(60 years and over)		
	3835	1	No Bouchard's nodes	
	139	2	Right hand	
	61	3	Left hand	
	1060	4	Both hands	
	207	8	Blank but applicable	
	26009	Blank		
1376		Swan neck (60 years and over)		
PEP4E1C	4896	1	No Swan neck	
	55	2	Right hand	
	57	3	Left hand	
	87	4	Both hands	
	207	8	Blank but applicable	
	26009	Blank		
1377		Boutonniere joints (60 years and over)		
PEP4E1D	4978	1	No Boutonniere joints	
	47	2	Right hand	
	23	3	Left hand	
	48	4	Both hands	
	206	8	Blank but applicable	
	26009	Blank		
1378		Ulnar deviation or subluxation at MCP or		
PEP4E1E		wrist (60 years and over)		
	4786	1	No deviation or subluxation	
	70	2	Right	
	39	3	Left	
	199	4	Both	
	208	8	Blank but applicable	
	26009	Blank		

NHANES III Examination Data File

PHYSICIAN'S EXAMINATION

UPPER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code	Notes
1379 PEP4E1F		Subcutaneous nodules on shaft of forearm (60 years and over)	
	5061	1 No nodules	
	12	2 Right	
	10	3 Left	
	10	4 Both	
	209	8 Blank but applicable	
	26009	Blank	

NHANES III Examination Data File

PHYSICIAN'S EXAMINATION

CENTRAL PULSE RATE

Positions SAS name	Counts	Item description and code	Notes
1380-1382 PEP5R		Central pulse rate (beats/min) (2 months - 4 years)	See note
	6302	076-170	
	403	888 Blank but applicable	
	24606	Blank	

PHYSICIAN'S EXAMINATION

BLOOD PRESSURE

Positions SAS name	Counts	Item description and code		Notes
1383		Cuff size used (5 years and over)		
PEP6A	263	1	Infant	
	3996	2	Child	
	13338	3	Adult	
	5451	4	Large	
	206	5	Thigh	
	859	8	Blank but applicable	
	7198	Blank		
1384		Arm selected (5 years and over)		
PEP6B	20432	1	Right	
	2821	2	Left	
	860	8	Blank but applicable	
	7198	Blank		
1385		Have you had any alcohol, coffee or cigarettes in the past 30 minutes? (5 years and over)		
PEP6C	231	1	Yes	
	23033	2	No	
	849	8	Blank but applicable	
	7198	Blank		
1386-1388		Radial pulse rate (beats/min) (5 years and over)		See note
PEP6DR	23264	040-188		
	849	888	Blank but applicable	
	7198	Blank		
1389		Irregular pulse (5 years and over)		
PEP6E	758	1	Yes	
	22513	2	No	
	842	8	Blank but applicable	
	7198	Blank		
1390-1392		Maximum inflation level (MIL, mm Hg) (5 years and over)		See note
PEP6F	23219	070-290		
	894	888	Blank but applicable	
	7198	Blank		

PHYSICIAN'S EXAMINATION

BLOOD PRESSURE

Positions SAS name	Counts	Item description and code	Notes
1393-1395 PEP6G1		First Korotkoff sound (K1), systolic, for first blood pressure (BP) measurement (mm Hg) (5 years and over)	
	23100	052-258	
	1013	888 Blank but applicable	
	7198	Blank	
1396-1398 PEP6G2		Fourth Korotkoff sound (K4), diastolic, for first BP measurement (mm Hg) (5-19 years)	
	5354	002-102	
	2186	888 Blank but applicable	
	23771	Blank	
1399-1401 PEP6G3		Fifth Korotkoff sound (K5), diastolic, for first BP measurement (mm Hg) (5 years and over)	See note
	23070	000-136	
	1043	888 Blank but applicable	
	7198	Blank	
1402 PEP6G4		First BP measurement refused (5 years and over)	
	9	1 Yes, refused	
	23349	2 No, did not refuse	
	755	8 Blank but applicable	
	7198	Blank	
1403-1405 PEP6H1		K1, systolic, for second BP measurement (mm Hg) (5 years and over)	
	23087	054-256	
	1026	888 Blank but applicable	
	7198	Blank	
1406-1408 PEP6H2		K4, diastolic, for second BP measurement (mm Hg) (5-19 years)	
	5734	002-102	
	1806	888 Blank but applicable	
	23771	Blank	

PHYSICIAN'S EXAMINATION

BLOOD PRESSURE

Positions SAS name	Counts	Item description and code	Notes
1409-1411 PEP6H3		K5, diastolic, for second BP measurement (mm Hg) (5 years and over)	See note
	23060	000-138	
	1053	888 Blank but applicable	
	7198	Blank	
1412 PEP6H4		Second BP measurement refused (5 years and over)	
	23	1 Yes, refused	
	23335	2 No, did not refuse	
	755	8 Blank but applicable	
	7198	Blank	
1413-1415 PEP6I1		K1, systolic, for third BP measurement (mm Hg) (5 years and over)	
	22981	052-264	
	1132	888 Blank but applicable	
	7198	Blank	
1416-1418 PEP6I2		K4, diastolic, for third BP measurement (mm Hg) (5-19 years)	
	5675	002-104	
	1865	888 Blank but applicable	
	23771	Blank	
1419-1421 PEP6I3		K5, diastolic, for third BP measurement (mm Hg) (5 years and over)	See note
	22949	000-140	
	1164	888 Blank but applicable	
	7198	Blank	
1422 PEP6I4		Third BP measurement refused (5 years and over)	
	44	1 Yes, refused	
	23314	2 No, did not refuse	
	755	8 Blank but applicable	
	7198	Blank	

PHYSICIAN'S EXAMINATION

BLOOD PRESSURE

Positions SAS name	Counts	Item description and code	Notes
1423-1425 PEPMNK1R		Overall average K1, systolic, blood pressure from household and examination center measurements (5 years and over)	See note
	23756	053-244	
	357	888 Blank but applicable	
	7198	Blank	
1426-1427 PEPNOK1R		Number of measurements used to compute the overall average K1, systolic, blood pressure from household and examination center measurements (5 years and over)	
	35	01	
	127	02	
	7084	03	
	118	04	
	230	05	
	16162	06	
	357	88 Blank but applicable	
	7198	Blank	
1428-1430 PEPMNK5R		Overall average K5, diastolic, blood pressure from household and examination center measurements (5 years and over)	See note
	23044	006-142	
	1069	888 Blank but applicable	
	7198	Blank	
1431-1432 PEPNOK5R		Number of measurements used to compute the overall average K5, diastolic, blood pressure from household and examination center measurements (5 years and over)	
	378	01	
	524	02	
	5775	03	
	164	04	
	308	05	
	15895	06	
	1069	88 Blank but applicable	
	7198	Blank	

PHYSICIAN'S EXAMINATION

CHEST

Positions SAS name	Counts	Item description and code		Notes
1433 PEP7		Overall findings for chest section (decreased breath sounds, adventitious sounds) (all ages)		
	28701	1	No findings	
	858	2	Yes, findings	
	1259	8	Blank but applicable	
	493	Blank		
1434 PEP7A1R		Decreased breath sounds in posterior portion of right lung (all ages)		
	29113	1	No decreased breath sounds	
	445	2	Decreased breath sounds	
	1260	8	Blank but applicable	
	493	Blank		
1435 PEP7A1L		Decreased breath sounds in posterior portion of left lung (all ages)		
	29134	1	No decreased breath sounds	
	423	2	Decreased breath sounds	
	1261	8	Blank but applicable	
	493	Blank		
1436 PEP7A2R		Adventitious sounds (rales, wheezes, rhonchi) in posterior portion of right lung (all ages)		
	29138	1	No adventitious sounds	
	421	2	Adventitious sounds	
	1259	8	Blank but applicable	
	493	Blank		
1437 PEP7A2L		Adventitious sounds (rales, wheezes, rhonchi) in posterior portion of left lung (all ages)		
	29161	1	No adventitious sounds	
	397	2	Adventitious sounds	
	1260	8	Blank but applicable	
	493	Blank		

PHYSICIAN'S EXAMINATION

HEART

Positions SAS name	Counts	Item description and code		Notes
1438		Overall findings for heart section		
PEP8		(systolic and diastolic murmurs) (all ages)		
	28589	1	No findings	
	936	2	Yes, findings	
	1293	8	Blank but applicable	
	493	Blank		
1439-1440		Systolic murmur (all ages)		
PEP8A	28615	00	None	
	267	01	Grade 01	
	347	02	Grade 02	
	173	03	Grade 03	
	56	04	Grade 04	
	30	05	Grade 05	
	36	06	Grade 06	
	1294	88	Blank but applicable	
	493	Blank		
1441-1442		Diastolic murmur (all ages)		
PEP8B	29444	00	None	
	59	01	Grade 01	
	11	02	Grade 02	
	6	03	Grade 03	
	2	04	Grade 04	
	2	05	Grade 05	
	1	06	Grade 06	
	1293	88	Blank but applicable	
	493	Blank		

PHYSICIAN'S EXAMINATION

DERMATITIS

Positions SAS name	Counts	Item description and code		Notes
1443		Overall findings for dermatitis section		
PEP9		(hand dermatitis on palms, dorsa, or palmar or dorsal fingers or lichenified dermatitis on wrists, elbows, or knees) 5-59 years)		
	17603	1	No findings	
	364	2	Yes, findings	
	844	8	Blank but applicable	
	12500	Blank		
1444		Palms: redness/inflammation, vesicles		
PEP9A		(5-59 years)		
	17791	1	No redness/inflammation or vesicles	
	127	2	Redness/inflammation	
	18	3	Vesicles	
	30	4	Both inflammation and vesicles	
	845	8	Blank but applicable	
	12500	Blank		
1445		Palmar fingers: redness/inflammation,		
PEP9B		vesicles (5-59 years)		
	17771	1	No redness/inflammation or vesicles	
	149	2	Redness/inflammation	
	14	3	Vesicles	
	33	4	Both inflammation and vesicles	
	844	8	Blank but applicable	
	12500	Blank		
1446		Dorsal: redness/inflammation, vesicles		
PEP9C		(5-59 years)		
	17867	1	No redness/inflammation or vesicles	
	88	2	Redness/inflammation	
	3	3	Vesicles	
	9	4	Both inflammation and vesicles	
	844	8	Blank but applicable	
	12500	Blank		

PHYSICIAN'S EXAMINATION

DERMATITIS

Positions SAS name	Counts	Item description and code		Notes
	1447	Dorsal fingers: redness/inflammation,		
PEP9D		vesicles (5-59 years)		
	17839	1	No redness/inflammation or vesicles	
	100	2	Redness/inflammation	
	11	3	Vesicles	
	17	4	Both inflammation and vesicles	
	844	8	Blank but applicable	
	12500	Blank		
	1448	Lichenified dermatitis on wrists,		
PEP9E		elbows, or knees (5-59 years)		
	17832	1	No lichenified dermatitis	
	117	2	Yes, findings	
	862	8	Blank but applicable	
	12500	Blank		

PHYSICIAN'S EXAMINATION

LOWER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1449 PEP10		Overall findings for great toe joint section (metatarsophalangeal (MTP), IP): tender, swelling, pain (60 years and over)		
	4613	1	No findings	
	381	2	Yes, findings	
	308	8	Blank but applicable	
	26009	Blank		
1450 PEP10MTR		Right great toe, MTP joint: tender on palpation (60 years and over)		
	4803	1	No tenderness	
	177	2	Tenderness	
	322	8	Blank but applicable	
	26009	Blank		
1451 PEP10MTL		Left great toe, MTP joint: tender on palpation (60 years and over)		
	4791	1	No tenderness	
	194	2	Tenderness	
	317	8	Blank but applicable	
	26009	Blank		
1452 PEP10MSR		Right great toe, MTP joint: swelling (60 years and over)		
	4965	1	No swelling	
	14	2	Swelling	
	323	8	Blank but applicable	
	26009	Blank		
1453 PEP10MSL		Left great toe, MTP joint: swelling (60 years and over)		
	4968	1	No swelling	
	14	2	Swelling	
	320	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

LOWER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1454 PEP10MPR		Right great toe, MTP joint: pain on passive motion (60 years and over)		
	4833	1	No pain	
	148	2	Pain	
	321	8	Blank but applicable	
	26009	Blank		
1455 PEP10MPL		Left great toe, MTP joint: pain on passive motion (60 years and over)		
	4842	1	No pain	
	139	2	Pain	
	321	8	Blank but applicable	
	26009	Blank		
1456 PEP10ITR		Right great toe, IP joint: tender on palpation (60 years and over)		
	4849	1	No tenderness	
	132	2	Tenderness	
	321	8	Blank but applicable	
	26009	Blank		
1457 PEP10ITL		Left great toe, IP joint: tender on palpation (60 years and over)		
	4831	1	No tenderness	
	152	2	Tenderness	
	319	8	Blank but applicable	
	26009	Blank		
1458 PEP10ISR		Right great toe, IP joint: swelling (60 years and over)		
	4965	1	No swelling	
	13	2	Swelling	
	324	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

LOWER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1459		Left great toe, IP joint: swelling		
PEP10ISL		(60 years and over)		
	4967	1	No swelling	
	14	2	Swelling	
	321	8	Blank but applicable	
	26009	Blank		
1460		Right great toe, IP joint: pain on		
PEP10IPR		passive motion (60 years and over)		
	4873	1	No pain	
	107	2	Pain	
	322	8	Blank but applicable	
	26009	Blank		
1461		Left great toe, IP joint: pain on		
PEP10IPL		passive motion (60 years and over)		
	4870	1	No pain	
	111	2	Pain	
	321	8	Blank but applicable	
	26009	Blank		
1462		Overall findings for knee joint		
PEP10B		manifestations section (knee: crepitus, tenderness, swelling, pain) (60 years and over)		
	1246	1	No findings	
	3721	2	Yes, findings	
	335	8	Blank but applicable	
	26009	Blank		
1463		Knee: crepitus (60 years and over)		
PEP10B1	2749	1	No crepitus	
	359	2	Right	
	282	3	Left	
	1571	4	Both	
	341	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

LOWER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1464		Knee: tender on palpation		
PEP10B2		(60 years and over)		
	4471	1	No tenderness	
	183	2	Right	
	135	3	Left	
	176	4	Both	
	337	8	Blank but applicable	
	26009	Blank		
1465		Knee: swelling (60 years and over)		
PEP10B3	4705	1	No swelling	
	80	2	Right	
	77	3	Left	
	103	4	Both	
	337	8	Blank but applicable	
	26009	Blank		
1466		Knee: pain on passive motion		
PEP10B4		(60 years and over)		
	4248	1	No pain	
	223	2	Right	
	201	3	Left	
	293	4	Both	
	337	8	Blank but applicable	
	26009	Blank		
1467		Right knee: maximum limitation on		
PEP10B5		passive motion (60 years and over)		
	2905	0	145 degrees	
	1641	1	130-144 degrees	
	207	2	115-129 degrees	
	161	3	75-114 degrees	
	32	4	< 75 degrees	
	356	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

LOWER EXTREMITIES JOINT EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
1468		Left knee: maximum limitation on passive		
PEP10B6		motion (60 years and over)		
	2895	0	145 degrees	
	1653	1	130-144 degrees	
	192	2	115-129 degrees	
	169	3	75-114 degrees	
	34	4	< 75 degrees	
	359	8	Blank but applicable	
	26009	Blank		
1469		Overall findings for foot deformities		
PEP10C		section (hammer toes, bunions) (60 years and over)		
	2156	1	No findings	
	2859	2	Yes, findings	
	287	8	Blank but applicable	
	26009	Blank		
1470		Hammer toes (60 years and over)		
PEP10C1	3559	1	No hammer toes	
	282	2	Right	
	216	3	Left	
	956	4	Both	
	289	8	Blank but applicable	
	26009	Blank		
1471		Bunions (60 years and over)		
PEP10C2	2506	1	No bunions	
	262	2	Right	
	310	3	Left	
	1935	4	Both	
	289	8	Blank but applicable	
	26009	Blank		

PHYSICIAN'S EXAMINATION

BREAST SIZE AND TANNER STAGING

Positions SAS name	Counts	Item description and code	Notes
1472-1474		Right breast size (largest diameter, mm)	
PEP11A1		(2 months - 4 years)	
	6471	002-055	
	234	888 Blank but applicable	
	24606	Blank	
1475-1477		Left breast size (largest diameter, mm)	
PEP11A2		(2 months - 4 years)	
	6468	001-048	
	237	888 Blank but applicable	
	24606	Blank	
1478		Pubic hair stage (8-18 years)	See note
PEP11B1	1458	1 Stage 1	
	473	2 Stage 2	
	470	3 Stage 3	
	822	4 Stage 4	
	1206	5 Stage 5	
	626	8 Blank but applicable	
	26256	Blank	
1479		Genitalia stage (8-18 years)	See note
PEP11B2	492	1 Stage 1	
	522	2 Stage 2	
	271	3 Stage 3	
	308	4 Stage 4	
	611	5 Stage 5	
	267	8 Blank but applicable	
	28840	Blank	
1480		Breast stage, least developed breast	See note
PEP11B3		(8-18 years)	
	451	1 Stage 1	
	326	2 Stage 2	
	334	3 Stage 3	
	334	4 Stage 4	
	809	5 Stage 5	
	330	8 Blank but applicable	
	28727	Blank	

PHYSICIAN'S EXAMINATION

PHYSICIAN'S IMPRESSION

Positions SAS name	Counts	Item description and code		Notes
1481		Health status (all ages)		
PEP13A	16230	1	Excellent	
	5543	2	Very good	
	6078	3	Good	
	1665	4	Fair	
	305	5	Poor	
	997	8	Blank but applicable	
	493	Blank		
1482		Evidence of disabling cognitive		
PEP13B		impairment preventing subject from complying with examination (all ages)		
	29693	1	No impairment	
	140	2	Impairment	
	985	8	Blank but applicable	
	493	Blank		
1483		Possible active infection (all ages)		
PEP13C	28315	1	No infection	
	1515	2	Possible infection	
	988	8	Blank but applicable	
	493	Blank		
1484		Able to communicate appropriately for		
PEP13D		age (3 years and over)		
	25207	1	Yes	
	224	2	No	
	899	8	Blank but applicable	
	4981	Blank		
1485		Estimated level of difficulty: walking		
PEP13E1A		1/4 mile (5 years and over)		
	20416	1	No difficulty (PEP13E2A)	
	1302	2	Some difficulty	
	921	3	Moderate difficulty	
	668	4	Could not be done	
	806	8	Blank but applicable	
	7198	Blank		

PHYSICIAN'S EXAMINATION

PHYSICIAN'S IMPRESSION

Positions SAS name	Counts	Item description and code		Notes
1486		Prognosis over 1 year: walking 1/4 mile		
PEP13E1B		(5 years and over)		
	89	1	Full recovery	
	165	2	Partial recovery	
	2331	3	No change	
	304	4	More deterioration	
	808	8	Blank but applicable	
	27614	Blank		
1487		Estimated level of difficulty: running		
PEP13E2A		100 yards (5 years and over)		
	14967	1	No difficulty (PEP13E3A)	
	3239	2	Some difficulty	
	2085	3	Moderate difficulty	
	3017	4	Could not be done	
	805	8	Blank but applicable	
	7198	Blank		
1488		Prognosis over 1 year: running 100 yards		
PEP13E2B		(5 years and over)		
	411	1	Full recovery	
	599	2	Partial recovery	
	6958	3	No change	
	370	4	More deterioration	
	808	8	Blank but applicable	
	22165	Blank		
1489		Estimated level of difficulty: stooping,		
PEP13E3A		crouching, or kneeling		
		(5 years and over)		
	18207	1	No difficulty (PEP13E4A)	
	2938	2	Some difficulty	
	1553	3	Moderate difficulty	
	609	4	Could not be done	
	806	8	Blank but applicable	
	7198	Blank		

PHYSICIAN'S EXAMINATION

PHYSICIAN'S IMPRESSION

Positions SAS name	Counts	Item description and code		Notes
1490 PEP13E3B		Prognosis over 1 year: stooping, crouching, or kneeling (5 years and over)		
	398	1	Full recovery	
	514	2	Partial recovery	
	3923	3	No change	
	262	4	More deterioration	
	809	8	Blank but applicable	
	25405	Blank		
1491 PEP13E4A		Estimated level of difficulty: small motor movements in hand like opening a jar, opening a door, or picking up a pencil (5 years and over)		
	21069	1	No difficulty (PEP13E5A)	
	1722	2	Some difficulty	
	467	3	Moderate difficulty	
	48	4	Could not be done	
	807	8	Blank but applicable	
	7198	Blank		
1492 PEP13E4B		Prognosis over 1 year: small motor movements in hand like opening a jar, opening a door, or picking up a pencil (5 years and over)		
	24	1	Full recovery	
	41	2	Partial recovery	
	2070	3	No change	
	101	4	More deterioration	
	808	8	Blank but applicable	
	28267	Blank		

PHYSICIAN'S EXAMINATION

PHYSICIAN'S IMPRESSION

Positions SAS name	Counts	Item description and code		Notes
1493 PEP13E5A		Estimated level of difficulty: doing heavy housework, gardening, exercise, or play (5 years and over)		
	17530	1	No difficulty (End)	
	3042	2	Some difficulty	
	1678	3	Moderate difficulty	
	1054	4	Could not be done	
	809	8	Blank but applicable	
	7198	Blank		
1494 PEP13E5B		Prognosis over 1 year: doing heavy housework, gardening, exercise, or play (5 years and over)		
	460	1	Full recovery	
	579	2	Partial recovery	
	4454	3	No change	
	279	4	More deterioration	
	811	8	Blank but applicable	
	24728	Blank		
1495 PEP13F1A		Estimated level of difficulty: play (2 months - 4 years)		
	6467	1	No difficulty	
	38	2	Some difficulty	
	14	3	Moderate difficulty	
	2	4	Could not be done	
	184	8	Blank but applicable	
	24606	Blank		
1496 PEP13F1B		Prognosis over 1 year: play (2 months - 4 years)		
	7	1	Full recovery	
	19	2	Partial recovery	
	10	3	No change	
	17	4	More deterioration	
	185	8	Blank but applicable	
	31073	Blank		

PHYSICIAN'S EXAMINATION

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code		Notes
1497		Referral level assigned to sample person		See note
PEPLEVEL	162	1	Level 1	
	1519	2	Level 2	
	28184	3	Level 3	
	953	8	Blank but applicable	
	493	Blank		
1498-1502		Examiner number		
PEPTECH	1970	03001		
	4129	03002		
	260	03003		
	3207	03004		
	1204	03005		
	371	03006		
	9529	03007		
	2293	03008		
	1907	03009		
	199	03010		
	2036	03011		
	2044	03012		
	1669	88888	Blank but applicable	
	493	Blank		

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NOTES

PEP11B1: Pubic hair stage

A proportion of the "Blank but applicable" data for this variable was due to refusal to participate. Refusal rates for Tanner staging of pubic hair for males and females (Tanner, 1962) are tabulated below.

	Male			Female		
Age at interview	Number examined	Number refused	Percent refused	Number examined	Number refused	Percent refused
8	267	17	6	250	15	6
9	288	9	3	277	21	8
10	291	24	8	261	24	9
11	279	13	5	289	26	9
12	208	15	7	223	13	6
13	196	15	8	232	20	9
14	189	11	6	226	33	15
15	185	7	4	193	19	10
16	198	10	5	229	25	11
17	195	20	10	215	20	9
18	175	12	7	189	17	9

PEP11B2: Genitalia stage

A proportion of the "Blank but applicable" data for this variable was due to refusal to participate. Refusal rates for Tanner staging of male genitalia (Tanner, 1962) are tabulated below.

Age at interview	Number examined	Number refused	Percent refused
8	267	17	6
9	288	8	3
10	291	23	8
11	279	13	5
12	208	15	7
13	196	15	8
14	189	11	6
15	185	7	4
16	198	10	5
17	195	20	10
18	175	12	7

PEP11B3: Breast stage, least developed breast

A proportion of the "Blank but applicable" data for this variable was due to refusal to participate. Refusal rates for Tanner staging of female breast development (Tanner, 1962) are tabulated

below.

Age at interview	Number examined	Number refused	Percent refused
8	250	14	6
9	277	21	8
10	261	20	8
11	289	21	7
12	223	13	6
13	232	17	7
14	226	29	13
15	193	17	9
16	229	22	10
17	215	17	8
18	189	16	8

PEP3A2: In a wheelchair or stretcher

Sitting in a wheelchair did not mean necessarily that the individual was confined to a wheelchair. Examinees deemed frail or physically unable to maneuver in the MEC used a wheelchair while being examined. Information about wheelchair use also can be found in the MEC Physical Function Evaluation.

PEP3B2TL, PEP3B2TR, PEP3LLEG, PEP3RLEG: Amputee/cast, great toes and legs findings

These variables were recoded to ensure consistency between the first three and last three years of the survey. Therefore, variable labels differ from those on the Physician's Examination form (U.S. DHHS, 1996b). The three cases of a "Cast" finding with no specific site noted (coded as 09) in PEP3LLEG and PEP3RLEG represent the early procedure in which the physician entered a finding for a cast anywhere on the leg (hip, knee, or ankle). In later years, the physician specified where on the leg the cast was located. During data editing, the specific cast locations coded separately were incorporated into PEP3LLEG and PEP3RLEG as codes "10 Cast hip," "11 Cast knee," and "12 Cast ankle." In addition, if a joint was coded as amputated in PEP3LLEG or PEP3RLEG, the great toe distal to the amputated joint was coded as "3 Amputated above the toe." For example, if the left leg was amputated below the knee and above the ankle joint (code 06), the great toe variables PEP3B2TL and PEP3B2TR were coded as "3 Amputated above the toe."

PEP3B2TR: Amputee/cast, right great toe

See note for PEP3B2TL.

PEP3BFL1-PEP3BFL5, PEP3BFR1-PEP3BFR5, PEP3LARM, PEP3RARM: Amputee/cast, fingers and arms findings

These variables were recoded to ensure consistency between the first three and last three years of the survey. Therefore, variable labels differ from those on the Physician's Examination form (U.S. DHHS, 1996b). The four cases of a "Cast" finding with no specific site noted (coded as 09) in PEP3LARM and PEP3RARM represent the early procedure in which the physician entered a finding for a cast anywhere on the arm (shoulder, elbow, or wrist). In later years, the physician specified where on the arm the cast was located. During data editing, the specific cast locations coded separately were incorporated into variables PEP3LARM and PEP3RARM as codes "10 Cast shoulder," "11 Cast elbow," and "12 Cast wrist." If a joint was coded as amputated in PEP3LARM or PEP3RARM, the fingers distal to the amputated joint were coded as "4 Amputated above the finger." For example, if the left wrist joint was coded as amputated (code 07), the finger variables (PEP3BFL1-PEP3BFL5) were coded as "4 Amputated above the finger."

PEP3LARM: Left arm amputee/cast findings

See note for PEP3BFL1.

PEP3LLEG: Left leg amputee/cast findings

See note for PEP3B2TL.

PEP3RARM: Right arm amputee/cast findings

See note for PEP3BFL1.

PEP3RLEG: Right leg amputee/cast findings

See note for PEP3B2TL.

PEP5R: Central pulse rate

This variable is a 60-second pulse rate derived by multiplying the central pulse count at 30 seconds by two.

PEP6DR: Radial pulse rate

This variable is a 60-second pulse rate derived by multiplying the radial pulse count at 15 seconds by four.

PEP6F: Maximum inflation level (MIL)

The MIL was obtained to determine the highest level to which the blood pressure cuff should be inflated. It represents a level 30 mm Hg higher than the point at which the radial pulse disappeared.

PEP6G3, PEP6H3, PEP6I3: K5 blood pressure measurements

Zero is considered a valid observation for diastolic (K5) measurements when pulse sounds continue to be heard down to 0 mm Hg.

PEP6H3: Second K5 blood pressure measurement

See note for PEP6G3.

PEP6I3: Third K5 blood pressure measurement

See note for PEP6G3.

PEPLEVEL: Medical referral level

Based on the results of the physician's examination, the examinee was placed in one of the following three medical referral categories (U.S. DHHS, 1996b):

Level I -- Major medical emergencies that warranted immediate attention by a health care provider

Level II -- Major medical findings that warranted attention by a health care provider within two weeks

Level III -- All other findings reported to the examinee

PEPMNK1R: Average K1, systolic blood pressure

This variable is the arithmetic mean of six or fewer K1 measurements obtained at the household interview (maximum of three) and the MEC examination (maximum of three). If the examinee did not have blood pressure measurements taken in the examination center, this variable was calculated from measurements taken at the household interview. All blood pressure determinations were recorded to the nearest even number. However, since the variable is an arithmetic mean, it may include odd numbers.

PEPMNK5R: Average K5, diastolic blood pressure

This variable is the arithmetic mean of six or fewer K5 measurements obtained at the household interview (maximum of three) and the MEC examination (maximum of three). Even if the examinee did not have blood pressure measurements taken in the examination center, this variable was calculated from measurements taken at the household interview. All blood pressure determinations were recorded to the nearest even number. However,

since the variable is an arithmetic mean, it may include odd numbers. The arithmetic mean was calculated using only (K5) measurements greater than zero. Any K5 measurements of zero were set to missing when calculating the K5 arithmetic mean.

BODY MEASUREMENTS

Body measurements were recorded for all examinees by a trained examiner in the mobile examination center (MEC). The protocol for this component did not detail any medical, safety or other exclusions.

The body measurements examination included measures of weight, standing height, lengths, skinfolds, circumferences, and breadths. In cases when examinees had to leave the MEC early and were unable to participate in the complete body measures component, at a minimum, weight and standing height or recumbent length were measured.

Persons aged under one year or 20 years and over who were examined only in their homes were given a subset of the body measures. These measures were taken by trained technicians who used equipment and procedures comparable to those used in the mobile examination centers. Therefore, the home examination body measures were incorporated into the body measures data set.

To determine which subjects were home examinees, the DMPSTAT variable (3=home-examined) should be used. When analyzing data for combined home-examined and MEC-examined subjects, the combined MEC- plus home-examined sample weights should be used (WTPFHX6). When using only MEC items or measures, the MEC examination sample weight should be used (WTPFEX6). For more information on the use of sample weights in the NHANES III data analysis, refer to the Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

The following are the names shown on the Home Examination form in the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-1994 (original home exam variable name; new name) for home examination body measures (NCHS, 1994, p. 313; U.S. DHHS, 1996b). In the home exam, the only body measures taken were weight (A1; BMPWT), standing height (A2; BMPHT), arm circumference (A6; BMPARMCI), and triceps skinfold (A5; BMPTRI). For infants aged less than one year, recumbent length (A3; BMPRECUM) was measured instead of stature, and head circumference (A4; BMPHEAD) was added. For examinees who received only a home examination, the measures listed above are the only body measures available for analysis. Values for all other body measures for these examinees appear as blank.

Bioelectrical impedance analysis (BIA) data are considered a part of body measurements and have been included with the body measurement data. However, the BIA resistance and reactance measures were recorded by the physicians in the physician's examination component, hence the "PEP" variable prefix.

For general guidelines on standard procedures that were followed for the anthropometric measures, refer to The Anthropometric Standardization Reference Manual (Lohman, 1988). For specific guidelines, the Anthropometric Procedures Video that demonstrates the NHANES III anthropometric procedures in detail is available from the U.S. Government Printing Office (U.S. DHHS, 1996a).

The MEC health technicians, ultrasonographers, dentists, and home examination health technicians were trained by two trainers to do the anthropometric measurements. The two trainers were cross-standardized initially and then annually during the survey. Group retraining occurred twice during the survey. Periodic visits to the field by each of the trainers assured ongoing quality control in the accuracy and reliability of the procedures.

This data set includes body measurements for women who were pregnant at the time of the exam. Analysts should determine whether it is appropriate to exclude data for these women for a given analysis. Pregnancy status information is found in the variable MAPF12R in the MEC Adult Questionnaire and in the variable MYPC17 in the MEC Youth Questionnaire.

During the editing process, outliers were scrutinized using univariate and multivariate methods to help identify implausible values. When there was insufficient information to conclude that values were invalid, they were left in the data set. Analysts should examine the data spread and consider whether it is appropriate to include or exclude extreme values in a given analysis.

Data processing and editing were performed to ensure internal data consistency. Notes have been provided for variables requiring additional explanation.

BODY MEASUREMENTS

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code	Notes
1503-1507		Examiner number	
BMPTECH1	30426	01001-09018	
	392	88888 Blank but applicable	
	493	Blank	

BODY MEASUREMENTS

WEIGHT

Positions SAS name	Counts	Item description and code	Notes
1508-1513 BMPWT		Weight (kg) (2 months and over)	
	31132	0002.8-0241.8	
	179	888888 Blank but applicable	
1514 BMPWTFLG		Weight source flag	See note
	30324	0 No substitution	
	667	3 Modeled from reported value	
	320	4 Reported value	
1515-1519 BMPWTLBS		Weight (lbs) (2 months and over)	See note
	31132	006.2-00532	
	179	88888 Blank but applicable	
1520-1523 BMPSRWL		Self-reported weight (lbs) (12-16 years)	See note
	1673	0078-0350	
	406	8888 Blank but applicable	
	29232	Blank	
1524-1527 BMPBMI		Body mass index	See note
	27830	07.3-79.6	
	227	8888 Blank but applicable	
	3254	Blank	

BODY MEASUREMENTS

HEIGHTS, LENGTHS

Positions SAS name	Counts	Item description and code	Notes
1528-1532 BMPHT		Standing height (cm) (2 years and over)	
	27935	073.6-206.5	
	122	88888 Blank but applicable	
	3254	Blank	
1533 BMPHTFLG		Standing height source flag	See note
	27514	0 No substitution	
	226	1 Modeled from spirometry height	
	66	2 Spirometry height	
	241	3 Modeled from reported value	
	10	5 Recumbent length	
	3254	Blank	
1534-1538 BMPHTIN		Standing height (in) (2 years and over)	See note
	27935	00029-081.3	
	122	88888 Blank but applicable	
	3254	Blank	
1539-1543 BMPRECUM		Recumbent length (cm) (2 months-3 years)	See note
	5525	039.1-119.5	
	118	88888 Blank but applicable	
	25668	Blank	
1544 BMPRECFL		Recumbent length flag	See note
	5466	0 No substitution	
	42	3 Modeled from reported value	
	135	6 Stature	
	25668	Blank	
1545-1549 BMPSITHT		Sitting height (cm) (2 years and over)	
	27009	036.9-110.2	
	590	88888 Blank but applicable	
	3712	Blank	

BODY MEASUREMENTS

HEIGHTS, LENGTHS

Positions SAS name	Counts	Item description and code	Notes
1550-1552 BMPSRHIS		Self-reported height (in) (12-16 years)	See note
	1957	036-091	
	122	888 Blank but applicable	
	29232	Blank	
1553-1556 BMPLEG		Upper leg length (cm) (2 years and over)	
	26313	12.9-58.1	
	1286	8888 Blank but applicable	
	3712	Blank	
1557-1560 BMPKNEE		Knee height (cm) (60 years and over)	
	4938	0032-63.3	
	364	8888 Blank but applicable	
	26009	Blank	
1561-1564 BMPARML		Upper arm length (cm) (2 months and over)	
	29606	06.2-64.8	
	1212	8888 Blank but applicable	
	493	Blank	

BODY MEASUREMENTS

BREADTHS

Positions SAS name	Counts	Item description and code	Notes
1565-1568 BMPBIAC		Biacromial breadth (cm) (3 years and over)	
	25357	15.3-58.3	
	973	8888 Blank but applicable	
	4981	Blank	
1569-1573 BMPBIIL		Biiliac breadth (cm) (2 years and over)	
	26352	009.8-048.7	
	1247	88888 Blank but applicable	
	3712	Blank	
1574-1577 BMPELB		Elbow breadth (cm) (2 years and over)	
	26541	0003-10.4	
	1058	8888 Blank but applicable	
	3712	Blank	
1578-1581 BMPWRIST		Wrist breadth (cm) (2 years and over)	
	26536	02.7-08.3	
	1063	8888 Blank but applicable	
	3712	Blank	

BODY MEASUREMENTS

CIRCUMFERENCES

Positions SAS name	Counts	Item description and code	Notes
1582-1585		Head circumference (cm)	
BMPHEAD		(2 months-7 years)	
	8609	34.4-58.1	
	259	8888 Blank but applicable	
	22443	Blank	
1586-1589		Arm circumference (cm)	
BMPARMC		(2 months and over)	
	30020	0009-61.2	
	1291	8888 Blank but applicable	
1590-1594		Waist circumference (cm)	
BMPWAIST		(2 years and over)	
	26288	034.5-174.1	
	1311	88888 Blank but applicable	
	3712	Blank	
1595-1599		Buttocks circumference (cm)	
BMPBUTTO		(2 years and over)	
	26290	027.8-179.2	
	1309	88888 Blank but applicable	
	3712	Blank	
1600-1603		Waist-to-hip ratio	See note
BMPWHR	26236	0.51-2.09	
	1363	8888 Blank but applicable	
	3712	Blank	
1604-1608		Thigh circumference (cm)	
BMPTHICI		(2 years and over)	
	26188	00016-093.8	
	1411	88888 Blank but applicable	
	3712	Blank	

BODY MEASUREMENTS

SKINFOLDS

Positions SAS name	Counts	Item description and code	Notes
1609-1612 BMPTRI		Triceps skinfold (mm) (2 months and over)	See note
	29571	01.9-48.5	
	311	5555 Skinfold too large for caliper	
	1429	8888 Blank but applicable	
1613-1616 BMPSUB		Subscapular skinfold (mm) (2 months and over)	See note
	28502	02.8-0049	
	397	5555 Skinfold too large for caliper	
	1919	8888 Blank but applicable	
	493	Blank	
1617-1620 BMPSUP		Suprailiac skinfold (mm) (2 years and over)	See note
	25487	02.3-49.4	
	636	5555 Skinfold too large for caliper	
	1476	8888 Blank but applicable	
	3712	Blank	
1621-1624 BMPTHI		Thigh skinfold (mm) (2 years and over)	See note
	23814	02.2-49.5	
	1574	5555 Skinfold too large for caliper	
	2211	8888 Blank but applicable	
	3712	Blank	

BODY MEASUREMENTS

BIOELECTRICAL IMPEDANCE ANALYSIS (BIA)

Positions / SAS name	Counts	Item description and code		Notes
1625		Examinee pregnant--cannot obtain BIA		See note
PEPPREG	197	1	Yes	
	17840	2	No	
	1662	8	Blank but applicable	
	85	9	Don't know	
	11527	Blank		
1626		Examinee had pacemaker--cannot obtain BIA		See note
PEPPACE	41	1	Yes	
	17996	2	No	
	1738	8	Blank but applicable	
	9	9	Don't know	
	11527	Blank		
1627-1630		BIA resistance (ohms) (12 years and over)		See note
PEP12A1	17726	0269-0950		
	1820	8888	Blank but applicable	
	11765	Blank		
1631-1634		BIA reactance (ohms) (12 years and over)		See note
PEP12B1	17712	0013-0135		
	1834	8888	Blank but applicable	
	11765	Blank		

NOTES

BMPBMI: Body mass index

BMPBMI was computed from weight and standing height using the following formula: BMPBMI=BMPWT/((BMPHT/100)**2).

BMPHTFLG, BMPRECFL, BMPWTFLG: Standing height, recumbent length, and weight source flags

Weight, standing height, and recumbent length are fundamental body measures essential to most analyses of other health examination data. Therefore, during data editing, a special procedure was established and followed only for those three variables when the primary measures were missing. This procedure allowed available alternate source data to be substituted for missing primary source data. In selected cases, when data were absent from the primary health examination, the source of the substitution is indicated by a derived indicator (flag) variable (i.e., BMPWTFLG, BMPHTFLG, BMPRECFL). These substitutions were derived from tests on the actual data and evaluated and selected using cross-validations on the actual data; they yielded satisfactory results with R-squared values and correlations. The flag values range from 00 to 06, and corresponding interpretations of these flag codes have been summarized as follows:

00 No substitution
01 Modeled from spirometry height (i.e., standing height measured in the spirometry exam)
02 Direct substitution for standing height from spirometry standing height
03 Modeled from interview reported value
04 Direct substitution for weight from reported weight
05 Direct substitution for standing height from measured recumbent length
06 Direct substitution for recumbent length from measured standing height

The approach to obtain substitutions for "Blank but applicable" (8-filled) primary recumbent length, standing height, and weight, ranked in order of data availability, included:

Recumbent length (age 2-47 months)

Direct substitution from stature, if present, into recumbent length (age 2-3 years)(code 06).

If no substitution was possible from stature, a sex-specific model with reported length, race/ethnicity, age (mo),

education of adult reference person, and reported weight was used (code 03).

Height (age 2-16 years)

Direct substitution from recumbent length (age 2-3 years) (code 05).

Direct substitution from spirometry height (age 8-16 years) (code 02)

If spirometry height was not available, a sex- and year-of-age-specific model with reported height, race/ethnicity, age (mo), education of adult reference person, and reported weight was used (code 03).

Height (age 17 years and over)

A sex-specific model with spirometry height, reported height, race/ethnicity, age (mo), and reported weight was used (code 01).

If spirometry height was not available, a sex-specific model with reported height, race/ethnicity, and age (mo) was used (code 03).

Weight (age 2-23 months)

A sex- and year-of-age-specific model with reported weight, race/ethnicity, age (mo), education of adult reference person, and measured recumbent length was used (code 03).

Weight (age 2-11 years)

Sex- and year-of-age-specific model with reported weight, race/ethnicity, age (mo), education of adult reference person, and measured standing height was used (Code 03).

Weight (age 12-16 years)

Sex- and year-of-age-specific model with reported weight, race/ethnicity, and measured stature was used (code 03).

Weight (age 17 years and over)

A sex-specific model with reported weight, reported weight from bone density screener questionnaire, measured height, race/ethnicity, and age (yr) was used (code 03).

If the above variables were not present, direct substitution

from reported weight was used (code 04).

BMPHTIN: Standing height (in)

BMPHTIN is standing height converted to inches from centimeters and was calculated as BMPHTIN=BMPHT/2.54.

BMPRECUM:

This additonal note documents incorrect or highly unusual data values that were determined for this variable. Analysts may wish to correct or be aware of these measurements. The sequence number and current value in the data file are given below. To correct these, 23.1 should be subtracted from each of the values shown below for BMPRECUM.

Sequence No.	BMPRECUM
17350	83.6
1936	81.1
18423	88.1
6939	94.6
*7778	87.6
1133	90.6
15844	102.3
1768	106.1
13630	108.7
13510	105.6
3327	104.1
6672	106.1
8517	115.3
20377	117.1
13749	115.6
18556	119.5

*This record was found to be correct on July 24, 1997 after the CD-Rom had already been released. Do NOT subtract 23.1 from this record.

BMPRECFL: Recumbent length source flag

See note for BMPHTFLG.

BMPSRHIS and BMPSRWL: Self-reported height (in) and weight (lbs)

BMPSRHIS is a derived variable that converts reported height in feet and inches to total inches. It is equal to the reported height in feet multiplied by 12 plus the reported height in inches.

All NHANES III participants were asked to report their current

height in feet and inches and their weight in pounds. Reported height (BMPSRHIS) and weight (BMPSRWL) information was obtained from adolescents (aged 12 through 16 years) during the body measures component just prior to the actual measurement of weight (BMPWT) and height (BMPHT). For examinees of all other ages, data for similar reported values can be found in the Household Adult Questionnaire among persons aged over 17 years for height (HAM5S) and weight (HAM6S) and in the Household Youth Questionnaire among persons aged less than 12 years for height (HYB18S) and weight (HYB19S). Note that in the data editing process some unusual values for reported height were observed. For persons aged 12 through 16 years, values less than 3 feet were deleted and recoded as "Blank but applicable" (8888).

BMPSRWL: Self-reported weight (lbs)

See note for BMPSRHIS.

BMPSUB, BMPSUP, BMPTHI, BMPTRI: Skinfolds

For NHANES III, the body measurements protocol specified that skinfolds would be measured at four different anatomic body sites. Independent measures were taken at each body site by two technicians, resulting in a minimum of two skinfold observations for each site.

If the difference between the two measurements at a given site was within a pre-specified tolerance limit, no further measurements were taken at that site. The tolerance limits increased by 2 mm for every 10 mm measured. For the first two measures, the first measure represents the base. Thus, from 0-10 mm, observations were acceptable if they differed from the base measurement by 2 mm or less; from 10-20 mm, observations were acceptable if they differed from the base measurement by 4 mm or less; from 20-30 mm, observations were acceptable if they differed from the base measurement by 6 mm or less, and so on. If the difference between the two measurements at a given site did exceed the tolerance limit, each technician repeated and recorded a second measurement, resulting in a total of four measurements at that skinfold site.

The summary skinfold values were computed as follows:

If data were available for the third and fourth measurements and the difference between those measurements was within the specified tolerance limit, then the summary value was the mean of the third and fourth measurements. In all other cases, the summary value was the mean of all available skinfold measurements at that site.

Tolerance: Tolerance was defined using the base skinfold measure. For the third and fourth measures, the third measure represents the base.

If base > 0 and base <= 10 then tolerance is 2 mm
If base > 10 and base <= 20 then tolerance is 4 mm
If base > 20 and base <= 30 then tolerance is 6 mm
If base > 30 and base <= 40 then tolerance is 8 mm
If base > 40 then tolerance is 10 mm.

This approach resulted in a single skinfold value for each of four anatomic locations in the final analytic data. These four locations were reported as triceps (BMPTRI), subscapular (BMPSUB), suprailiac (BMPSUP), and thigh (BMPTHI) skinfolds.

BMPSUP: Suprailiac skinfold (mm)

See note for BMPSUB.

BMPTHI: Thigh skinfold (mm)

See note for BMPSUB.

BMPTRI: Triceps skinfold (mm)

See note for BMPSUB.

BMPWHR: Waist-to-hip ratio

BMPWHR was calculated as BMPWAIST/BMPBUTTO.

BMPWTFLG: Weight source flag

See note for BMPHTFLG.

BMPWTLBS: Weight (lbs)

BMPWTLBS is weight converted to pounds from kilograms and was calculated as BMPWTLBS=BMPWT x 2.2.

PEP12A1 and PEP12B1: BIA resistance and reactance (ohms)

Data for bioelectrical impedance analysis (BIA) are considered a part of body measurements and have been included here with the body measurement data. However, the BIA resistance and reactance measures were recorded by the physicians in the Physician's Examination component, hence the "PEP" variable prefix. Analyses that may require the examiner identification for BIA data should use the physician examiner number (PEPTECH).

BIA measurements are known to be affected by a variety of factors, including amputations, metal replacements, and pregnancy. Persons who were left-side amputees or had metal pins in their hips with hip replacements were not excluded from receiving the BIA procedure. However, in the data editing process, BIA resistance (PEP12A1) and BIA reactance (PEP12B1) data for persons with either right- or left-side amputations, who were pregnant, or who had metal pins in their hips were recoded to 8888.

The "Blank but applicable" counts for PEP12A1 and PEP12B1 reflect cases in which persons were examined by the physician but in which the BIA procedure was not done for various reasons. The balance is accounted for by persons who were not examined by the physician.

PEP12B1: BIA reactance (ohms)

See note for PEP12A1.

PEPPACE and PEPPREG: Pacemaker or pregnancy -- cannot obtain BIA

To determine who should be excluded from receiving the BIA procedure as a safety precaution, examinees were asked if they had a pacemaker or were pregnant. PEPPREG was a self-reported variable and not an adjudicated assessment of pregnancy status; therefore, it should not be used as the definitive pregnancy variable (analysts are referred to MAPF12R and MYPC17 variables for pregnancy status).

TOTAL NUTRIENT INTAKES

Dietary interviews were administered to all examinees by a trained dietary interviewer in the mobile examination center (MEC). The nutrient intakes reported in this file include nutrients from foods and beverages reported in the 24-hour dietary recall. The nutrient intakes do not include nutrients obtained from other sources (i.e., nutritional supplements, antacids, medications, salt and seasonings added to prepared foods at the table, and plain unbottled drinking water). Questionnaire data on food sufficiency, intake of plain drinking water, and salt use are included in this file as well. Detailed information about the individual foods reported by respondents will be released as a separate dietary data file.

Analysts are encouraged to use six years of survey data in their analyses. The reliability of estimates is improved when larger sample sizes are used. For more detailed information, see the Analytic and Reporting Guidelines for NHANES III (U.S. DHHS, 1996b). In addition, MEC final examination weights (WTPFEX6) should be used when analyzing the total nutrient intake data and related questionnaire data in this file. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Respondents reported all foods and beverages consumed except plain drinking water (i.e., not bottled) for the previous 24-hour time period (midnight to midnight). An automated, microcomputer-based dietary interview and coding system known as the NHANES III Dietary Data Collection (DDC) System was used to collect all NHANES III dietary recall data. The DDC system was developed for use in the survey by the University of Minnesota's Nutrition Coordinating Center (NCC). Total nutrient intakes are reported in this file for respondents whose dietary recalls were coded complete and reliable (DRPSTAT=1).

The dietary interviews were conducted in English and Spanish by bilingual dietary interviewers in a private room to ensure confidentiality. Proxy respondents were permitted for infants and children aged two months through five years and for other respondents who were unable to report on their own. Children aged six to 11 years were permitted to report their own intake if the interviewer deemed it acceptable and appropriate, but many interviewers for respondents in this age category were completed by proxy or with the child and a proxy. The dietary interviewers contacted other information sources such as care providers and schools to obtain complete dietary intake data for respondents.

The primary source of food composition data for NHANES III is the U.S. Department of Agriculture (USDA) Survey Nutrient Database; two nutrient files were provided by USDA for use in NHANES III (USDA 1993, 1995). Each USDA file contained food composition values that were appropriate for the time period during which the NHANES III data were collected. Additionally, food composition data for a small number of herbs and

spices were obtained from NCC (NCC, 1996).

The DDC system's foods database was designed specifically to handle time-related changes in food descriptions, food amounts, and recipes; updated information was applied retrospectively to data collected in the early part of NHANES III. As was mentioned earlier, two USDA food composition databases were used to assign nutrient values to the NHANES III dietary recalls (USDA 1993; USDA, 1995). In addition to data changes that occurred in the nutrient values of foods due to food product reformulations, recipe changes, and so forth, the U.S. marketplace underwent tremendous growth and change as new food product lines were introduced and new food components were added to the food supply (e.g., fat substitutes and artificial sweeteners). The impact of these and other changes may require additional analysis.

Dietary recall interviews were edited by the interviewers to ensure that they were as complete as possible. NCHS completed all final editing and determinations regarding the completeness and reliability of the dietary recalls. Analysts should note that the data reported are self-reported data. Extreme values were verified.

Information pertaining to the use of nutritional supplements and antacids was reported separately during the Household Adult and Household Youth Questionnaires.

A number of quality-control monitoring techniques were employed during the survey. For example, the techniques for monitoring the Dietary Interview component included observations of actual dietary interviews and reviews of audiotaped interviews by NCHS and contractor staff. In addition, the dietary interviewers worked in two-person teams; there was one team in each MEC. The dietary interviewers performed 10-percent cross-check reviews of their partners' work using printed recall reports. Finally, newsletters, field memoranda, telephone calls, and staff retraining sessions were other methods used to maintain quality control during the survey. Refer to the NHANES III Dietary Interviewer's Training Manual for the dietary interview protocol (U.S. DHHS, 1996b).

TOTAL NUTRIENT INTAKES

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code	Notes
*Note: See Dietary Recall Files for this Data			
1635 DRPSTAT		Recall status code	See note
	31311	Blank	
1636-1637 DRPRDAY		Recall day	See note
	31311	Blank	
1638 DRPRESP		Respondent for the 24-hour dietary recall interview	See note
	31311	Blank	
1639 DRPLANG		Language of 24-hour dietary recall	See note
	31311	Blank	

TOTAL NUTRIENT INTAKES

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code	Notes
1640-1641 DRPIID		Interviewer number	
	31311	Blank	

TOTAL NUTRIENT INTAKES

QUESTIONS

Positions SAS name	Counts	Item description and code	Notes
1642 DRPQ1	31311 Blank	How does the amount of food consumed yesterday compare with (your/his/her) usual consumption for that day of the week? Was it...	See note
1643-1645 DRPQ2A	31311 Blank	How much plain drinking water do you usually drink in a 24-hour period? Include only plain tap or spring water. (fl oz)	See note
1646 DRPQ3	31311 Blank	What type of salt do you usually add to your food at the table?	See note
1647 DRPQ4	31311 Blank	How often do you add salt at the table?	

TOTAL NUTRIENT INTAKES

QUESTIONS

Positions SAS name	Counts	Item description and code	Notes
1648-1649 DRPQ5		Thinking about the past month, how many days did you have no food or money to buy food?	See note
	31311	Blank	
1650 DRPQ6		Is that because there wasn't enough money to buy food or another reason?	See note
	31311	Blank	
1651 DRPQ7		During the past month, did (you/___) skip any meals because there wasn't enough food or money to buy food?	See note
	31311	Blank	
1652-1653 DRPQ8		How many days in the past month did (you/___) skip any meals because there wasn't enough food or money to buy food?	See note
	31311	Blank	

TOTAL NUTRIENT INTAKES

QUESTIONS

Positions SAS name	Counts	Item description and code	Notes
1654 DRPQ9		Did (you/___) skip any meals yesterday because there wasn't enough food or money to buy food?	See note
	31311	Blank	
1655 DRPQ10		During the past month, were there any days when (you/__) did not eat at all because there wasn't enough food or money to buy food?	See note
	31311	Blank	
1656-1657 DRPQ11		In the past month, how many days were there when (you/___) didn't eat at all?	See note
	31311	Blank	

TOTAL NUTRIENT INTAKES

QUESTIONS

Positions SAS name	Counts	Item description and code	Notes
1658		Are you the person who usually prepares	
DRPQ12		the meals at home?	
	31311	Blank	

TOTAL NUTRIENT INTAKES

NUTRIENT QUANTITIES

Positions SAS name	Counts	Item description and code	Notes
1659-1663 DRPGW		Total grams of foods and beverages consumed	See note
	31311	Blank	
1664-1668 DRPNWATE		Water (gm)	See note
	31311	Blank	
1669-1673 DRPNKCAL		Food energy (kcal)	
	31311	Blank	
1674-1679 DRPNPROT		Protein (gm)	
	31311	Blank	
1680-1685 DRPNTFAT		Total fat (gm)	
	31311	Blank	
1686-1690 DRPNSFAT		Total saturated fatty acids (gm)	
	31311	Blank	
1691-1695 DRPNMFAT		Total monounsaturated fatty acids (gm)	
	31311	Blank	
1696-1700 DRPNPFAT		Total polyunsaturated fatty acids (gm)	
	31311	Blank	

TOTAL NUTRIENT INTAKES

NUTRIENT QUANTITIES

Positions SAS name	Counts	Item description and code	Notes
1701-1704 DRPNCHOL	31311	Cholesterol (mg) Blank	
1705-1710 DRPNCARB	31311	Carbohydrate (gm) Blank	
1711-1715 DRPNFIBE	31311	Total dietary fiber (gm) Blank	
1716-1719 DRPNALCO	31311	Alcohol (gm) Blank	
1720-1725 DRPNVAIU	31311	Vitamin A (IU) Blank	
1726-1730 DRPNVARE	31311	Vitamin A (RE) Blank	
1731-1735 DRPNCARO	31311	Carotenes (RE) Blank	
1736-1741 DRPNVE	31311	Vitamin E (alpha tocopherol equivalents) Blank	

TOTAL NUTRIENT INTAKES

NUTRIENT QUANTITIES

Positions SAS name	Counts	Item description and code	Notes
1742-1745 DRPNVC	31311	Ascorbic acid (mg) Blank	
1746-1750 DRPNVB1	31311	Thiamin (mg) Blank	
1751-1755 DRPNVB2	31311	Riboflavin (mg) Blank	
1756-1760 DRPNNIAC	31311	Niacin (mg) Blank	
1761-1765 DRPNVB6	31311	Vitamin B6 (mg) Blank	
1766-1770 DRPNFOLA	31311	Folacin (micrograms) Blank	
1771-1776 DRPNVB12	31311	Vitamin B12 (micrograms) Blank	
1777-1781 DRPNCALC	31311	Calcium (mg) Blank	

TOTAL NUTRIENT INTAKES

NUTRIENT QUANTITIES

Positions SAS name	Counts	Item description and code	Notes
1782-1786 DRPNPHOS		Phosphorus (mg)	
	31311	Blank	
1787-1790 DRPNMAGN		Magnesium (mg)	
	31311	Blank	
1791-1795 DRPNIRON		Iron (mg)	
	31311	Blank	
1796-1801 DRPNZINC		Zinc (mg)	
	31311	Blank	
1802-1805 DRPNCOPP		Copper (mg)	
	31311	Blank	
1806-1810 DRPNSODI		Sodium (mg)	
	31311	Blank	
1811-1815 DRPNPOTA		Potassium (mg)	
	31311	Blank	
1816-1820 DRPNKF		Percent of kilocalories from total fat	See note
	31311	Blank	

TOTAL NUTRIENT INTAKES

NUTRIENT QUANTITIES

Positions SAS name	Counts	Item description and code	Notes
1821-1824 DRPNKSF		Percent of kilocalories from saturated fat	See note
	31311	Blank	
1825-1828 DRPNKMF		Percent of kilocalories from monounsaturated fat	See note
	31311	Blank	
1829-1832 DRPNKPF		Percent of kilocalories from polyunsaturated fat	See note
	31311	Blank	
1833-1837 DRPNKP		Percent of kilocalories from protein	See note
	31311	Blank	
1838-1842 DRPNKC		Percent of kilocalories from carbohydrate	See note
	31311	Blank	
1843-1847 DRPNKA		Percent of kilocalories from alcohol	See note
	31311	Blank	

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NOTES

DRPGW: Total grams of foods and beverages consumed

This is the total gram weight of all foods and beverages, excluding plain drinking water consumed during a 24-hour time period. Two examinees with DRPSTAT=1 consumed no foods or beverages on the recall day and have values of zero for all food and nutrient intake variables.

DRPLANG: Language of interview

This is the language that was used primarily during the 24-hour recall. The English/Spanish combination was selected if a significant portion of the interview was conducted in each language. The "Other language" selection refers to interviews that were conducted in a language other than English or Spanish; interpreters were used to complete interviews in other languages. Note: There are six examinees who do not have 24-hour dietary recall data but do have information pertaining to drinking water, salt use, and food sufficiency; DRPLANG is reported for these examinees.

DRPNKA: Percent of kilocalories from alcohol

DRPNKA=((DRPNALCO*7 kcal/gm alcohol)/DRPNKCAL)*100

DRPNKC: Percentage of kilocalories from carbohydrate

DRPNKC=((DRPNCARB*4 kcal/gm carbohydrate)/DRPNKCAL)*100

The grams of total carbohydrates include sugars and complex carbohydrates. The carbohydrate values for foods are not derived by direct chemical analysis. The total carbohydrate figure is the difference between 100 and the sum of the protein, fat, ash, and water. This approach may overestimate the carbohydrate content of the food.

DRPNKF: Percentage of kilocalories from total fat

DRPNKF=((DRPNTFAT*9kcal/gm fat)/DRPNKCAL)*100

DRPNKMF: Percentage of kilocalories from monounsaturated fat

DRPNKMF=((DRPNMFAT*9kcal/gm fat)/DRPNKCAL)*100

DRPNKP: Percentage of kilocalories from protein

DRPNKP=((DRPNPROT*4 kcal/gm protein)/DRPNKCAL)*100

One respondent consumed a diet meal beverage exclusively. When the nutrient composition database value for the protein content of

the diet product was used to calculate the percentage of total food energy from protein, the resulting value was greater than 100 percent.

DRPNKPF: Percentage of kilocalories from polyunsaturated fat

DRPNKPF=((DRPNPFAT*9kcal/gm fat)/DRPNKCAL)*100

DRPNKSF: Percentage of kilocalories from saturated fat

DRPNKSF=((DRPNSFAT*9kcal/gm fat)/DRPNKCAL)*100

DRPNWATE: Grams of water

This is the amount of water contained in foods and beverages reported as part of the 24-hour dietary recall. Plain drinking water and spring water usually were excluded from the dietary recall unless beverages were diluted with plain water or water was a component of a combination food that was reported by components such as a homemade fruit and water drink.

DRPQ1: Usual amount of food consumed

This question targets the total amount of food and beverages reported, not the types of foods nor the amount of a particular food. The question targets major, not minor, changes in food consumption that occurred on the 24-hour recall for that day of the week.

DRPQ2A: Quantity of plain drinking water

The quantity of plain drinking water was reported either in total fluid ounces per day or by specifying the number of glasses of water and the volume per glass using standardized measurement aids. All responses were converted to fluid ounces. If the respondent answered "None," meaning that no plain drinking water is usually consumed, the amount of water was reported to be 000

fluid ounces; other quantities of plain drinking water were recorded as xxx fluid ounces. The volume of plain drinking water is in addition to water found in foods and beverages; water from foods and beverages is included in the file variable named DRPNWATE.

DRPQ3: Salt added to food at the table

Ordinary salt includes sea salt, flavored salts such as garlic, onion, and celery salt, and seasoning salts. Lite salt is labeled as such and has a reduced sodium content. Salt substitutes do not contain sodium.

DRPQ5-DRPQ11: Food sufficiency questions

Similar questions about food sufficiency also were asked of a family respondent in the Family Questionnaire found in the Household Adult Data File (see HFF4-8). The food sufficiency questions from the dietary recall (DRPQ5 - DRPQ11) should be analyzed independently from the food sufficiency questions in the Family Questionnaire (HFF4-8). The appropriate sample weight should be chosen based on the specific analysis.

DRPRDAY: Recall day

DRPRDAY corresponds to the day of the week for the 24-hour period (midnight to midnight) in which the examinee consumed the foods and beverages listed in the 24-hour recall. This is the day before their MEC examination. Note: There are six examinees who do not have 24-hour dietary recall data but do have information pertaining to drinking water, salt use, and food sufficiency; DRPRDAY is reported for these examinees.

DRPRESP: Respondent for the 24-hour dietary recall interview

If the examinee was under 12 years of age, the first choice for a respondent was the person who was primarily responsible for preparing meals for the child. In the case of children six to eleven years old, the child and a proxy often participated in the interview. Interviews completed with the examinee and a proxy respondent were coded as "Examinee and proxy."

1 Examinee: The examinee completed the interview without assistance from persons other than translators if the interview was conducted in a language other than English or Spanish.

2 Proxy: Someone else answered on behalf of the examinee. This includes parents, guardians, siblings over 11 years old, care providers, and persons responsible for planning or preparing foods eaten by the examinee.

3 Examinee and Proxy: The examinee and one or more proxies contributed information for the dietary interview.

Note: There are six examinees who do not have 24-hour dietary recall data but do have information pertaining to drinking water, salt use, and food sufficiency; DRPRESP is reported for these examinees.

DRPSTAT: Status of interview

1 Reliable and complete: The information provided by the respondent was deemed to be reliable and complete. The count of Phase 1 examinees with DRPSTAT=1 in this file is seventeen fewer than the interim file NCHS released for Phase 1 in September, 1995 (U.S. DHHS, 1995). The interim file included seventeen examinees whose replicate dietary interview was substituted for a missing initial interview.

Replicate recalls were excluded from this final file because the replicate recall data did not reflect dietary intakes for the 24-hour time period prior to the MEC examination when other data were obtained. Excluding the seventeen replicate recalls does not affect the overall Phase 1 findings published earlier. Also, two examinees with DRPSTAT=1 consumed no foods or beverages on the recall day and have values of zero for all food and nutrient intake variables; percentages of total energy intake from food energy sources are not reported for these examinees and are 8-filled.

2 Reliable but incomplete: The information provided by the respondent was reliable but incomplete. Approximately one-third of the recalls that were coded DRPSTAT=2 were coded incomplete because information for a significant portion of the recall day was not available; two-thirds of the incomplete recalls were coded incomplete because information (other than food amount information) for one or more meals, foods or beverages was not obtained. The total

energy and nutrient intakes for examinees with incomplete recalls were coded "Blank but applicable." The Individual Foods File includes information for the partial dietary recall interview.

3 Unreliable: The information provided by the respondent was deemed to be unreliable. Total energy and nutrient intakes are coded "Blank but applicable."

4 Interview lost due to computer malfunction or data file transfer problem: The dietary interview was completed, but the file was lost subsequently due to a computer malfunction or file transfer problem. Total nutrient intakes are coded "Blank but applicable."

5 Breast-feeding infant or child: The foods reported during the dietary recall interview included human milk and the volume of milk consumed was not quantified. The number of minutes per feeding session was recorded, but it was not possible to calculate total nutrient intakes for infants and children who were breast-fed. Total nutrient intakes are coded "Blank but applicable." The foods consumed by nursing infants and children are reported in the

individual foods file.

8 Blank but applicable: The examinee should have a dietary recall interview but either was not interviewed or refused the dietary interview component. Some examinees do not have 24-hour dietary recall data because the proxy did not know what the examinee ate the day before. In some instances, the proxy was able to answer the post-recall questions pertaining to drinking water consumption, salt use, and food sufficiency.

Blank Home examinees were not eligible for the Dietary Interview component.

MEC PROXY QUESTIONNAIRE

The MEC Proxy Questionnaire was administered in the mobile examination center (MEC) to the parents or guardians of children aged 2 months-11 years. This was the only questionnaire in the MEC for children 2 months to 7 years; children 8-11 years were administered the MEC Youth Questionnaire, as well. Topics of the Proxy Questionnaire were medicine, and vitamin and mineral usage, selected health conditions, WIC program participation, and the infant food frequency for children. The Home Examination also included the food frequency for infants (2-11 months). For analysis of items from the MEC Proxy Questionnaire, MEC examination weights (WTPFEX6) should be used, while MEC+home examination weights (WTPFHX6) should be used for the analysis of combined MEC and Home Examination questionnaire items. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Analysts should be aware of missing data for this questionnaire. Due to a training miscommunication, interviewers did not administer this questionnaire to children 8-11 years of age at several survey locations during Phase 1. Therefore, it is possible that missing data for children in this group may introduce bias in analyzing the questions in Section A (MPPQA2, MPPQA3, and MPPQA4) and Section B (MPPB1, MPPB2, and MPPB4). Data processing and editing were performed to ensure consistency of responses within the sections of the questionnaire. A note has been provided for a variable that was standardized. The note references a question, by section and number, from the questionnaire which can be found in Plan and Operation of the National Health and Nutrition Examination Survey, 1988-1994 (NCHS, 1994; U.S. DHHS,1996b).

MEC PROXY QUESTIONNAIRE

SECTION A. MEDICINE, VITAMIN, AND MINERAL USAGE

Positions SAS name	Counts	Item description and code	Notes
1848		CHECK ITEM. REFER TO AGE OF SP.	
MPPA1	1961	1 Less than 1 year (MPPB1)	
	5787	2 1-5 years (MPPA3)	
	3286	3 6+ years (MPPA2)	
	20277	Blank	
		I would like to begin by asking you a few questions about your child's recent use of medicines, vitamins, and minerals.	
1849		Has - taken or used any antihistamine	
MPPA2		medicines in the past 2 days? (Antihistamines are medicines taken for symptoms like sneezing, and a runny or itchy nose.)	
	229	1 Yes	
	2786	2 No	
	257	8 Blank but applicable	
	14	9 Don't know	
	28025	Blank	
1850		Prescription medicines are medicines	
MPPA3		that cannot be obtained without a doctor's or dentist's prescription. Has - taken any prescription medicines during the last 24 hours?	
	908	1 Yes	
	7829	2 No	
	333	8 Blank but applicable	
	3	9 Don't know	
	22238	Blank	
1851		Has - taken any vitamins or minerals	
MPPA4		during the past 24 hours?	
	1620	1 Yes	
	7099	2 No	
	334	8 Blank but applicable	
	20	9 Don't know	
	22238	Blank	

MEC PROXY QUESTIONNAIRE

SECTION B. SELECTED CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
		Now I would like to ask a few questions about -'s health.		
1852 MPPB1		Is - now or in the past 3 months has - been on treatment for anemia, sometimes called "tired blood" or "low blood"? (Include diet, iron pills, iron shots, and transfusion as treatment.)		
	261	1	Yes	
	10413	2	No	
	355	8	Blank but applicable	
	5	9	Don't know	
	20277	Blank		
1853-1854 MPPB2		How many infections such as colds, flu, diarrhea, vomiting, pneumonia, and ear infections has - had in the past four weeks?		
	5883	00	None	
	4793	01-10		
	355	88	Blank but applicable	
	3	99	Don't know	
	20277	Blank		
1855 MPPB3		CHECK ITEM. REFER TO AGE AND SEX OF SP.		
	527	1	Female 8-9 years (MPPB4)	
	7748	2	Less than 6 years old (MPPB5)	
	2759	3	Other (MPPD1)	
	20277	Blank		
1856-1857 MPPB4		How old was - when her periods or menstrual cycles started, or haven't they started yet?		
	474	00	Haven't started yet (MPPD1)	
	3	08-09	(MPPD1)	
	50	88	Blank but applicable (MPPD1)	
	30784	Blank		

MEC PROXY QUESTIONNAIRE

SECTION B. SELECTED CONDITIONS

Positions SAS name	Counts	Item description and code	Notes
		Next are a few questions about the WIC program.	
1858 MPPB5		Did - receive benefits from WIC, that is, the Women, Infants, and Children Program, in the past 12 months?	
	2395	1 Yes	
	5234	2 No (MPPC1)	
	105	8 Blank but applicable	
	14	9 Don't know (MPPC1)	
	23563	Blank	
1859 MPPB6		Is - now receiving benefits from the WIC program?	
	1801	1 Yes	
	587	2 No	
	1	8 Blank but applicable	
	6	9 Don't know	
	28916	Blank	
1860-1862 MPPB7S		How long (did - receive/has - been receiving) benefits from the WIC program? (months)	See note
	2380	001-060	
	6	777 Less than one month	
	9	999 Don't know	
	28916	Blank	

MEC PROXY QUESTIONNAIRE

SECTION C. INFANT FOOD FREQUENCY

Positions SAS name	Counts	Item description and code		Notes
	1863	CHECK ITEM. REFER TO AGE OF SP.		
MPPC1	5787	1	1 year or older (MPPD1)	
	1961	2	Under 1 year	
	23563	Blank		
		In this section, I would like to ask whether or not - has eaten certain foods or drunk certain beverages during the past month.		
		In the past month, did - eat or drink any of these foods or beverages? Include baby food as well as strained and regular table foods.		
	1864	Cereal		
MPPC2A	1682	1	Yes	
	245	2	No	
	34	8	Blank but applicable	
	29350	Blank		
	1865	Fruit		
MPPC2B	1581	1	Yes	
	346	2	No	
	34	8	Blank but applicable	
	29350	Blank		
	1866	Yellow and orange vegetables		
MPPC2C	1376	1	Yes	
	551	2	No	
	34	8	Blank but applicable	
	29350	Blank		
	1867	Green vegetables		
MPPC2D	1302	1	Yes	
	624	2	No	
	34	8	Blank but applicable	
	1	9	Don't know	
	29350	Blank		

MEC PROXY QUESTIONNAIRE

SECTION C. INFANT FOOD FREQUENCY

Positions SAS name	Counts	Item description and code		Notes
1868		Meat		
MPPC2E	1062	1	Yes	
	865	2	No	
	34	8	Blank but applicable	
	29350		Blank	
1869		Egg yolk or eggs		
MPPC2F	739	1	Yes	
	1188	2	No	
	34	8	Blank but applicable	
	29350		Blank	
1870		Combination meat/vegetable dinners		
MPPC2G	972	1	Yes	
	955	2	No	
	34	8	Blank but applicable	
	29350		Blank	
1871		Yogurt, cottage cheese and other cheeses		
MPPC2H	782	1	Yes	
	1145	2	No	
	34	8	Blank but applicable	
	29350		Blank	
1872		Bread, rolls, crackers, and biscuits		
MPPC2I	1195	1	Yes	
	732	2	No	
	34	8	Blank but applicable	
	29350		Blank	
1873		Desserts		
MPPC2J	1127	1	Yes	
	799	2	No	
	34	8	Blank but applicable	
	1	9	Don't know	
	29350		Blank	

MEC PROXY QUESTIONNAIRE

SECTION C. INFANT FOOD FREQUENCY

Positions SAS name	Counts	Item description and code		Notes
1874		Breastmilk		
MPPC2K	365	1	Yes	
	1562	2	No	
	34	8	Blank but applicable	
	29350		Blank	
1875		Formula		
MPPC2L	1541	1	Yes	
	386	2	No	
	34	8	Blank but applicable	
	29350		Blank	
1876		Cow's milk (regular milk)		
MPPC2M	578	1	Yes	
	1348	2	No	
	34	8	Blank but applicable	
	1	9	Don't know	
	29350		Blank	
1877		Fruit juices such as apple juice and orange juice		
MPPC2N	1552	1	Yes	
	375	2	No	
	34	8	Blank but applicable	
	29350		Blank	
1878		Drinks such as Koolaid, fruit punch and HI-C		
MPPC2O	499	1	Yes	
	1428	2	No	
	34	8	Blank but applicable	
	29350		Blank	

MEC PROXY QUESTIONNAIRE

SECTION D. RESPONDENT

Positions SAS name	Counts	Item description and code		Notes
1879-1880 MPPD1A		CHECK ITEM. MARK ONE BOX. INDICATE MAIN RESPONDENT'S RELATIONSHIP TO SP.		
	9529	01	Mother or adoptive mother	
	730	02	Father or adoptive father	
	33	03	Sister or brother	
	221	04	Grandparent or great grandparent	
	15	06	Close family friend or sitter	
	38	07	Foster parent	
	12	08	Step-parent	
	79	09	Aunt or uncle	
	9	10	Other relative	
	9	11	Guardian	
	359	88	Blank but applicable	
	20277	Blank		

NHANES III Examination Data File

MEC PROXY QUESTIONNAIRE

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code	Notes
1881-1884		Interviewer number	
MPPEXMNR	972	4001	
	706	4002	
	913	4003	
	1860	4004	
	3811	4005	
	2506	4006	
	220	7002	
	21	7007	
	25	7073	
	20277	Blank	

NOTE

MPPB7S: Number of months received WIC

This variable was created from the two-part question (quantity and unit) B7 using the conversion factor 12 months/year.

DENTAL EXAMINATION

The oral health examination consisted of a visual and tactile oral and dental examination performed on examinees aged 1 year and over by a licensed dentist specially trained in the use of specific epidemiologic indices for oral health.

Because this examination was administered in the mobile examination center (MEC), the MEC examination weight (WTPFEX6) should be used for data analysis. For more information on the use of sample weights in analysis of NHANES III data, refer to Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

The oral and dental examination consisted of a number of separate components applied to different age ranges.

Component	Ages
Oral mucosal tissue exam	2 years and over
Dental caries exam	
Nursing bottle caries	12-23 months
Coronal caries	2 years and over
Root caries	18 years and over
Presence of third molars	18 years and over
Restorations and tooth conditions	18-74 years
Traumatic injuries	6-50 years
Occlusal characteristics	8-50 years
Periodontal diseases	13 years and over
Prosthesis assessment	18-74 years
If full dentures	18 years and over
Denture questionnaire	18-74 years
If completely edentulous	18 years and over

Before NHANES III, most of the measurements had been extensively field-tested and, in some cases, modified to improve examiner consistency and reproducibility and reduce examination time. Others were new for this survey but were pilot tested a number of times before being adapted and modified as necessary (Epidemiology and Oral Disease Prevention Program, National Institute of Dental Research, 1991). IT SHOULD BE NOTED THAT THE DIAGNOSTIC CRITERIA USED ARE INTENTIONALLY CONSERVATIVE. To maximize examiner consistency the general rule was that when a choice existed between two possible diagnoses, the less severe diagnosis was recorded. Protocols for measuring each component are found in the Oral Examination Component manual (U.S. DHHS, 1996b). However a few specific guidelines on certain elements of the oral health examination are included here for clarification.

Medical Exclusion

Before beginning the examination the dentist asked a series of questions about specific heart problems and conditions that might require antibiotics before a dental examination. If there was a positive response to any of the questions, the examinee was excluded from the periodontal and root caries components. Variable DEPMEDXC indicates those examinees who were medically excluded. Periodontal and root caries variables for those excluded examinees are blank.

Soft Tissue Lesions

A broad range of soft tissue conditions was of interest in this survey with a focus on cancer, pre-cancer and conditions predisposing to cancer, and pathologies related to denture wearing and tobacco use. Examiners were trained to recognize, classify, and record in a standard manner the clinical characteristics of each condition of interest as well as other conditions that might present problems in differential diagnosis. Diagnosis and location were recorded for all soft tissue abnormalities observed. Clinical descriptions were done for all candidiasis, erythroplakias, leukoplakias, tumors, ulcers, and unknown lesions. The clinical descriptions included size, surface morphology, color/s consistency, pain, duration, and prior history. Smears were taken on candidiasis, erythroplakias, leukoplakias, denture stomatitis, angular cheilitis, and medium rhomboid glossitis of the tongue. Smear results are in the form of counts of yeast and hyphae grouped on an ordinal scale from none to many.

Additional lesion information was collected on occurrence of ulcers or sores (cold sores, canker sores) on lips and in the mouth in the Household Youth Questionnaire and the Household Adult Questionnaire. Extensive questions about use of tobacco including snuff and chewing tobacco are found in the MEC Youth Questionnaire for examinees ages 8-16 years, and in the Household Adult Questionnaire and MEC Adult Questionnaire for those ages 17 and over. These questionnaires are found in the Household Adult Data File and the Household Youth Data File.

Dental Caries

The examiner used a mirror and #23 explorer for the DMFS/T index (Klein, 1938), which is the sum of the number of decayed, missing or filled permanent tooth surfaces/teeth and is, thus, a summary of cumulative caries experience. If a tooth surface was both carious and filled, only the caries was scored so some history of fillings is not included. For teeth scored as missing, posterior teeth receive a count of five missing surfaces and anterior teeth receive a count of four missing surfaces. The occlusal surface is not counted for anterior teeth. A place-holder variable for these surfaces maintains the five-surface pattern (occlusal, lingual, buccal, mesial, distal) to facilitate systematic surface selection by analysts. Third molars are only indicated as present or absent. The index uses letters for the examiners calls which have been recoded as numbers from 00 to 13.

Sealed surfaces have been recoded separately. For children 12 to 23 months of age a brief visual inspection for the presence or absence of early childhood caries in the maxillary incisors was conducted. From the DMFS/T index, sums or counts per person of decayed, missing or filled permanent or primary surfaces and teeth were made (DEPFMS1, DEPFMS2, DEPDFSP, DEPDFSDC, DEPDFTDC, DEPDMFT1, DEPDMFT2). Only persons

with at least one permanent tooth space code indicated were eligible for permanent DMFS/T counts. Only children with at least one primary tooth space code indicated were eligible for the dfs/t sums.

Root Caries

The area below the cemento-enamel junction, if visible, was also examined for decay and filling on the roots of permanent teeth in adults 18 years and over. Each individual surface, four per tooth, was examined and coded separately.

Periodontal Measures

For adolescents and adults ages 13 years and over the periodontal measures were done on randomly assigned half-mouths, one upper quadrant and one lower quadrant selected at the beginning of the examination. The buccal and mesial-buccal aspects of each tooth were scored separately for each periodontal measure: gingival bleeding, calculus, gingival recession, and pocket depth. Loss of attachment was derived from two measurements made at each site: (1) the distance from the free gingival margin (FGM) to the cemento-enamel junction (CEJ), and (2) the distance from the FGM to the bottom of the sulcus (pocket depth). When the gingival margin had receded and the CEJ was exposed, the first number was scored as a negative value and was an indication of gingival recession. The loss (level) of attachment variables were calculated by subtracting the recorded distance of the FGM to CEJ (1) from the recorded distance of the FGM to the base of the sulcus (2).

Restorations and Tooth Conditions

To obtain further information on the impact of dental caries and tooth restoration beyond the DMF index, a measure of selected restoration and tooth conditions was applied to the 28 permanent teeth or tooth spaces for dentate adults aged 18 to 74 years. Teeth or tooth spaces were classified based on the following criteria: defective intracoronal restorations, crowns, or bridges; gross loss of tooth structure associated with a restoration; pulpal involvement; or retained roots. This index is hierarchical and only the highest score is recorded for each tooth space. Therefore, a total estimate of individual conditions evaluated cannot be obtained.

Trauma

To obtain an estimate of the prevalence of tooth or dental trauma an

index was developed to track the permanent tooth from sound (no evidence of trauma) through "missing due to trauma." The index is based on clinical, non-radiographic evidence of tooth injury and treatment received by the eight, permanent incisors, including a positive history of injury obtained from the examinee. Problems or biases associated with recall memory, particularly in adults, makes this a very conservative estimate of tooth trauma. The trauma assessment index was applied immediately following the caries examination for dentate participants ages 6 to 50 years with at least one permanent incisor.

Occlusal Characteristics

Occlusal traits were measured on all examinees 8 to 50 years old. Disaggregated measures of the major characteristics of occlusion included were: anterior alignment or irregularity score for maxillary and mandibular incisors, midline diastema, posterior crossbite; overjet, and overbite/openbite. For all individual measurements, an assessment that could not be made (due to missing teeth) was recorded as excluded and 9-filled. Assessment of overbite was made using the right central incisors. If one or both of the right central incisors (upper or lower) were not fully erupted or were missing or fractured, the left permanent central incisors were substituted. If the latter could not be scored, no further substitution was made. Measurements were made to the nearest whole millimeter. For openbite, a single measurement was made of the distance in millimeters from the edge of the lower central incisor to the edge of the upper central incisor. Incisor alignment measured in millimeters the linear displacement of anatomic contact points of each maxillary and mandibular incisor from the adjacent tooth anatomic point. The sum of these five displacements represents the degree of irregularity in the alignment of incisors in each jaw. Contacts were scored only if both teeth had erupted to the level of the occlusal plane. Presence or absence of crossbite was scored only for posterior primary or permanent teeth that had erupted into occlusal contact. A diastema was scored if a space was present between the maxillary central incisors equal to or greater than two millimeters wide. Overjet was measured from the mid-point of the labial surface of the anterior lower incisor to the mid-point of the labial surface of the anterior upper incisor, parallel to the occlusal plane. The overjet was positive if the upper incisor was ahead of the lower incisor, zero if the upper and lower incisors were end to end and negative if the lower incisor was in front of the upper incisor. Questions on receipt of orthodontic treatment are found in the Household Youth Questionnaire for persons ages 2 months to 16 years and the Household Adult Questionnaire for those ages 17-50.

Prosthesis Assessment

For persons 18 to 74 years of age and all persons over 18 with full dentures, a prosthetic evaluation was done. For prosthetic assessment, the arch-specific presence or absence of a removable prothesis by type (full or partial denture) was recorded. When present the prosthesis was evaluated for five characteristics: integrity; excessive tooth wear; reline material, conditioner, or denture adhesive; stability, and retention. Positive scores were

assigned for each characteristic if the prosthesis met the following criteria: 1) integrity--fractures, cracks, or holes of the base material and/or missing or chipped teeth and/or broken clasps, rests, or broken portions of the framework; 2) excessive tooth wear--greater than one-half of bicuspid and molar teeth lack occlusal anatomy; 3) presence of temporary reline material, tissue conditioner, or denture adhesive; 4) stability--full dentures move 2 mm or more in one direction when the denture is manually moved laterally or partial denture occlusal rests or indirect retainers move 1 mm or more when unilateral or bilateral forces are applied to the denture base and 5) retention--the denture dislodges when the examinee opens the mouth wide without strain. The first three of these were made extraorally; the last two were made with the prosthesis in the mouth. All-resin partial dentures were excluded. Only one partial denture per arch was evaluated. Where two partials were present in a single arch, the

partial replacing the most teeth or for equal spans, the one in the right quadrant was selected for evaluation. Tooth or implant-retained overdentures were treated the same as tissue-borne full dentures. Prostheses with a positive score on 3) reline material, conditioner, or denture adhesive, automatically received positive scores for 4) stability and 5) retention. Conversely, fully tooth-supported partial dentures were automatically given scores of "zero" for 2) excessive tooth wear and for 3) reline material, conditioner, or denture adhesive. In addition, during the examination, adults 18 to 74 years of age who were edentulous in one arch and all totally edentulous persons 18 and over were asked four questions about their use of dentures and length of time without natural teeth.

Training and Quality Control

The National Institute of Dental Research (NIDR) and the dental consultant provided extensive training of the dental examiners at their time of hire. One examiner was available for the entire six years and performed about half of the examinations. Three more examiners and one back-up examiner performed the rest of the exams. As part of quality control, a separate "gold standard" examiner visited each dental examiner one or two times a year in the MEC for observation and to perform replicate exams of most indices on approximately 30 persons. Each examiner also performed replicate examinations on selected sample persons within the six week examination period available at each location. For all major components of the examination the intra- and inter-examiner measures were in satisfactory ranges (Brown, 1996a; Brown, 1996b; Brunelle, 1996; Drury, 1996; Kaste, 1996a; Kaste, 1996b; Marcus, 1996; Redford, 1996; Selwitz, 1996; Winn, 1996; White, 1996).

Additional Information

Data processing and editing were performed to ensure internal consistency of data. Notes are provided for variables where additional explanations are necessary. The dental data set differs from other NHANES III data sets in the use of two data processing

conventions for variables with categorical responses. They are, however, consistent with dental data from past NHANES and with other dental surveys conducted by NIDR. The first deviation concerns the use of 9-fills which mean "Could not be assessed" or "Unknown." In other NHANES III files, the 9-fill means the respondent did not know the answer. The other deviation pertains to the use of "zero" which, in categorical data, usually means "none," "never," or the equivalent. In the dental data set, however, a zero is a code for something else, for example, "Tooth present but excluded" in the coronal caries examination (surfaces and teeth), "Sound surface" in the root caries examination, or "No treatment needed" in the restorations and tooth conditions section.

DENTAL EXAMINATION

COMPLETION CODES AND SUMMARY VARIABLES

Positions SAS name	Counts	Item description and code		Notes
1885		Had some part of dental examination		
DEPEXFLG	28059	1	Yes	
	798	2	No	
	2454	Blank		
1886		Examiner number		
DEPEXMNR	14589	1	Examiner 1	
	1255	2	Examiner 2	
	95	3	Examiner 3	
	4908	4	Examiner 4	
	6946	5	Examiner 5	
	280	6	Examiner 6	
	3238	Blank		
1887		Upper quadrant periodontal assessments		See note
DEPUQUAD	9478	1	Upper left	
	9377	2	Upper right	
	12456	Blank		
1888		Lower quadrant periodontal assessments		See note
DEPLQUAD	9434	3	Lower left	
	9421	4	Lower right	
	12456	Blank		
1889		Medical exclusion flag		
DEPMEDXC	1622	1	Medical exclusion	
	26451	2	Not medically excluded	
	3238	Blank		
1890		Dentate status		
DEPEDENT	1957	1	Completely edentulous	
	1170	2	Edentulous in one arch	
	23670	3	Teeth present	
	802	8	Blank but applicable	
	3712	Blank		

DENTAL EXAMINATION

COMPLETION CODES AND SUMMARY VARIABLES

Positions SAS name	Counts	Item description and code		Notes
1891		Completion code: coronal caries		See note
DEPCCFLG	26796	1	Complete assessment	
	1	2	Partial assessment	
	802	3	No assessment	
	3712	Blank		
1892		Completion code: root caries		See note
DEPRSFLG	12604	1	Complete assessment	
	1193	2	Partial assessment	
	2156	3	No assessment	
	15358	Blank		
1893		Completion code: restoration and tooth conditions		See note
DEPRCFLG	12797	1	Complete assessment	
	982	2	Partial assessment	
	1588	3	No assessment	
	15944	Blank		
1894		Completion code: traumatic injuries		See note
DEPTRFLG	15364	1	Complete assessment	
	299	2	Partial assessment	
	452	3	No assessment	
	15196	Blank		
1895		Completion code: gingival bleeding		See note
DEPGNFLG	14457	1	Complete assessment	
	1054	2	Partial assessment	
	2395	3	No assessment	
	13405	Blank		
1896		Completion code: calculus		See note
DEPCLFLG	14447	1	Complete assessment	
	1058	2	Partial assessment	
	2401	3	No assessment	
	13405	Blank		

DENTAL EXAMINATION

COMPLETION CODES AND SUMMARY VARIABLES

Positions SAS name	Counts	Item description and code		Notes
1897		Completion code: CEJ/FGM		See note
DEPCJFLG	14421	1	Complete assessment	
	1060	2	Partial assessment	
	2425	3	No assessment	
	13405	Blank		
1898		Completion code: pocket assessment		See note
DEPPCFLG	14421	1	Complete assessment	
	1060	2	Partial assessment	
	2425	3	No assessment	
	13405	Blank		
1899		Completion code: loss of attachment		See note
DEPLAFLG	14421	1	Complete assessment	
	1060	2	Partial assessment	
	2425	3	No assessment	
	13405	Blank		
1900		Completion code: denture questionnaire		See note
DEPDQFLG	2760	1	Assessed	
	94	2	Not assessed	
	28457	Blank		
1901		Nursing bottle caries		
DEPNURSC	1147	0	Bottle caries absent	
	19	1	Bottle caries present	
	11	9	Could not be assessed	
	30134	Blank		
1902-1904		Sum of decayed, missing, and filled		
DEPDMFS1		permanent surfaces (DMFS) due to disease		
	22909	000-128		
	8402	Blank		
1905-1907		Sum of decayed, missing, and filled		
DEPDMFS2		permanent surfaces (DMFS) due to any cause		
	22909	000-128		
	8402	Blank		

DENTAL EXAMINATION

COMPLETION CODES AND SUMMARY VARIABLES

Positions SAS name	Counts	Item description and code	Notes
1908-1910 DEPDFSP		Sum of decayed and filled permanent surfaces (DFS)	
	20872	000-114	
	10439	Blank	
1911-1912 DEPDFSDC		Sum of decayed and filled deciduous or primary surfaces (dfs)	
	7505	00-72	
	23806	Blank	
1913-1914 DEPDFTDC		Sum of decayed and filled deciduous or primary teeth (dft)	
	7505	00-17	
	23806	Blank	
1915-1916 DEPDMFT1		Sum of decayed, missing, and filled permanent teeth due to disease (DMFT)	
	22909	00-28	
	8402	Blank	
1917-1918 DEPDMFT2		Sum of decayed, missing, and filled permanent teeth due to any cause (DMFT)	
	22909	00-28	
	8402	Blank	

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
		CORONAL CARIES, SURFACES		
1919 DEPCS1		Coronal caries, surfaces: upper left central incisor, filler		
	31311	Blank		
1920-1921 DEPCS2		Coronal caries, surfaces: upper left central incisor, lingual surface		
	510	00	Tooth present but excluded	
	4196	01	Sound deciduous or primary surface	
	275	02	Decayed deciduous or primary surface	
	72	03	Filled deciduous or primary surface	
	193	04	Unerupted tooth	
	15445	05	Sound permanent	
	380	07	Decayed permanent	
	1524	08	Filled permanent	
	397	10	Missing (due to caries/periodontal disease)	
	3454	11	Replacement for missing tooth (due to caries/periodontal disease)	
	42	12	Missing (due to orthodontic or non-disease)	
	309	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1922-1923 DEPCS3		Coronal caries, surfaces: upper left central incisor, buccal surface		
	510	00	Tooth present but excluded	
	4221	01	Sound deciduous or primary surface	
	260	02	Decayed deciduous or primary surface	
	62	03	Filled deciduous or primary surface	
	193	04	Unerupted tooth	
	16014	05	Sound permanent	
	320	07	Decayed permanent	
	1015	08	Filled permanent	
	397	10	Missing (due to caries/periodontal disease)	
	3454	11	Replacement for missing tooth (due to caries/periodontal disease)	
	42	12	Missing (due to orthodontic or non-disease)	
	309	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1924-1925 DEPCS4		Coronal caries, surfaces: upper left central incisor, mesial surface		
	510	00	Tooth present but excluded	
	4105	01	Sound deciduous or primary surface	
	366	02	Decayed deciduous or primary surface	
	72	03	Filled deciduous or primary surface	
	193	04	Unerupted tooth	
	15267	05	Sound permanent	
	471	07	Decayed permanent	
	1611	08	Filled permanent	
	397	10	Missing (due to caries/periodontal disease)	
	3454	11	Replacement for missing tooth (due to caries/periodontal disease)	
	42	12	Missing (due to orthodontic or non-disease)	
	309	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1926-1927 DEPCS5		Coronal caries, surfaces: upper left central incisor, distal surface		
	510	00	Tooth present but excluded	
	4270	01	Sound deciduous or primary surface	
	212	02	Decayed deciduous or primary surface	
	61	03	Filled deciduous or primary surface	
	193	04	Unerupted tooth	
	15311	05	Sound permanent	
	464	07	Decayed permanent	
	1574	08	Filled permanent	
	397	10	Missing (due to caries/periodontal disease)	
	3454	11	Replacement for missing tooth (due to caries/periodontal disease)	
	42	12	Missing (due to orthodontic or non-disease)	
	309	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1928 DEPCS6		Coronal caries, surfaces: upper left lateral incisor, filler		
	31311	Blank		
1929-1930 DEPCS7		Coronal caries, surfaces: upper left lateral incisor, lingual surface		
	303	00	Tooth present but excluded	
	4800	01	Sound deciduous or primary surface	
	186	02	Decayed deciduous or primary surface	
	56	03	Filled deciduous or primary surface	
	372	04	Unerupted tooth	
	14681	05	Sound permanent	
	390	07	Decayed permanent	
	1781	08	Filled permanent	
	439	10	Missing (due to caries/periodontal disease)	
	3507	11	Replacement for missing tooth (due to caries/periodontal disease)	
	78	12	Missing (due to orthodonic or	

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
			non-disease)	
	204	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1931-1932 DEPCS8		Coronal caries, surfaces: upper left lateral incisor, buccal surface		
	303	00	Tooth present but excluded	
	4795	01	Sound deciduous or primary surface	
	193	02	Decayed deciduous or primary surface	
	54	03	Filled deciduous or primary surface	
	372	04	Unerupted tooth	
	15537	05	Sound permanent	
	346	07	Decayed permanent	
	969	08	Filled permanent	
	439	10	Missing (due to caries/periodontal disease)	
	3507	11	Replacement for missing tooth (due to caries/periodontal disease)	
	78	12	Missing (due to orthodontic or non-disease)	
	204	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1933-1934 DEPCS9		Coronal caries, surfaces: upper left lateral incisor, mesial surface		
	303	00	Tooth present but excluded	
	4755	01	Sound deciduous or primary surface	
	234	02	Decayed deciduous or primary surface	
	53	03	Filled deciduous or primary surface	
	372	04	Unerupted tooth	
	14711	05	Sound permanent	
	512	07	Decayed permanent	
	1629	08	Filled permanent	
	439	10	Missing (due to caries/periodontal disease)	
	3507	11	Replacement for missing tooth (due to caries/periodontal disease)	

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
	78	12	Missing (due to orthodontic or non-disease)	
	204	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1935-1936 DEPCS10		Coronal caries, surfaces: upper left lateral incisor, distal surface		
	303	00	Tooth present but excluded	
	4911	01	Sound deciduous or primary surface	
	83	02	Decayed deciduous or primary surface	
	48	03	Filled deciduous or primary surface	
	372	04	Unerupted tooth	
	15303	05	Sound permanent	
	367	07	Decayed permanent	
	1182	08	Filled permanent	
	439	10	Missing (due to caries/periodontal disease)	
	3507	11	Replacement for missing tooth (due to caries/periodontal disease)	
	78	12	Missing (due to orthodontic or non-disease)	
	204	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1937 DEPCS11		Coronal caries, surfaces: upper left cuspid, filler		
	31311	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1938-1939 DEPCS12		Coronal caries, surfaces: upper left cuspid, lingual surface		
	197	00	Tooth present but excluded	
	6705	01	Sound deciduous or primary surface	
	50	02	Decayed deciduous or primary surface	
	30	03	Filled deciduous or primary surface	
	217	04	Unerupted tooth	
	14389	05	Sound permanent	
	283	07	Decayed permanent	
	1264	08	Filled permanent	
	387	10	Missing (due to caries/periodontal disease)	
	3147	11	Replacement for missing tooth (due to caries/periodontal disease)	
	53	12	Missing (due to orthodontic or non-disease	
	75	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1940-1941 DEPCS13		Coronal caries, surfaces: upper left cuspid, buccal surface		
	197	00	Tooth present but excluded	
	6649	01	Sound deciduous or primary surface	
	101	02	Decayed deciduous or primary surface	
	35	03	Filled deciduous or primary surface	
	217	04	Unerupted tooth	
	14674	05	Sound permanent	
	341	07	Decayed permanent	
	921	08	Filled permanent	
	387	10	Missing (due to caries/periodontal disease)	
	3147	11	Replacement for missing tooth (due to caries/periodontal disease)	
	53	12	Missing (due to orthodontic or non-disease)	
	75	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1942-1943 DEPCS14		Coronal caries, surfaces: upper left cuspid, mesial surface		
	197	00	Tooth present but excluded	
	6744	01	Sound deciduous or primary surface	
	25	02	Decayed deciduous or primary surface	
	16	03	Filled deciduous or primary surface	
	217	04	Unerupted tooth	
	14692	05	Sound permanent	
	287	07	Decayed permanent	
	957	08	Filled permanent	
	387	10	Missing (due to caries/periodontal disease)	
	3147	11	Replacement for missing tooth (due to caries/periodontal disease)	
	53	12	Missing (due to orthodontic or non-disease)	
	75	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1944-1945 DEPCS15		Coronal caries, surfaces: upper left cuspid, distal surface		
	197	00	Tooth present but excluded	
	6714	01	Sound deciduous or primary surface	
	48	02	Decayed deciduous or primary surface	
	23	03	Filled deciduous or primary surface	
	217	04	Unerupted tooth	
	14306	05	Sound permanent	
	318	07	Decayed permanent	
	1312	08	Filled permanent	
	387	10	Missing (due to caries/periodontal disease)	
	3147	11	Replacement for missing tooth (due to caries/periodontal disease)	
	53	12	Missing (due to orthodontic or non-disease)	
	75	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1946-1947 DEPCS16		Coronal caries, surfaces: upper left 1st bicuspid, occlusal surface		
	7	00	Tooth present but excluded	
	5664	01	Sound deciduous or primary surface	
	359	02	Decayed deciduous or primary surface	
	348	03	Filled deciduous or primary surface	
	116	04	Unerupted tooth	
	11046	05	Sound permanent	
	439	07	Decayed permanent	
	3459	08	Filled permanent	
	1027	10	Missing (due to caries/periodontal disease)	
	3749	11	Replacement for missing tooth (due to caries/periodontal disease)	
	545	12	Missing (due to orthodontic or non-disease)	
	38	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1948-1949 DEPCS17		Coronal caries, surfaces: upper left 1st bicuspid, lingual surface		
	7	00	Tooth present but excluded	
	6201	01	Sound deciduous or primary surface	
	77	02	Decayed deciduous or primary surface	
	93	03	Filled deciduous or primary surface	
	116	04	Unerupted tooth	
	13889	05	Sound permanent	
	264	07	Decayed permanent	
	791	08	Filled permanent	
	1027	10	Missing (due to caries/periodontal disease)	
	3749	11	Replacement for missing tooth (due to caries/periodontal disease)	
	545	12	Missing (due to orthodontic or non-disease)	
	38	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1950-1951 DEPCS18		Coronal caries, surfaces: upper left 1st bicuspid, buccal surface		
	7	00	Tooth present but excluded	
	6226	01	Sound deciduous or primary surface	
	59	02	Decayed deciduous or primary surface	
	86	03	Filled deciduous or primary surface	
	116	04	Unerupted tooth	
	13705	05	Sound permanent	
	322	07	Decayed permanent	
	917	08	Filled permanent	
	1027	10	Missing (due to caries/periodontal disease)	
	3749	11	Replacement for missing tooth (due to caries/periodontal disease)	
	545	12	Missing (due to orthodontic or non-disease)	
	38	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1952-1953 DEPCS19		Coronal caries, surfaces: upper left 1st bicuspid, mesial surface		
	7	00	Tooth present but excluded	
	6164	01	Sound deciduous or primary surface	
	105	02	Decayed deciduous or primary surface	
	102	03	Filled deciduous or primary surface	
	116	04	Unerupted tooth	
	13157	05	Sound permanent	
	329	07	Decayed permanent	
	1458	08	Filled permanent	
	1027	10	Missing (due to caries/periodontal disease)	
	3749	11	Replacement for missing tooth (due to caries/periodontal disease)	
	545	12	Missing (due to orthodontic or non-disease)	
	38	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1954-1955 DEPCS20		Coronal caries, surfaces: upper left 1st bicuspid, distal surface		
	7	00	Tooth present but excluded	
	5954	01	Sound deciduous or primary surface	
	205	02	Decayed deciduous or primary surface	
	212	03	Filled deciduous or primary surface	
	116	04	Unerupted tooth	
	11907	05	Sound permanent	
	445	07	Decayed permanent	
	2592	08	Filled permanent	
	1027	10	Missing (due to caries/periodontal disease)	
	3749	11	Replacement for missing tooth (due to caries/periodontal disease)	
	545	12	Missing (due to orthodontic or non-disease)	
	38	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1956-1957 DEPCS21		Coronal caries, surfaces: upper left 2nd bicuspid, occlusal surface		
	5	00	Tooth present but excluded	
	5475	01	Sound deciduous or primary surface	
	491	02	Decayed deciduous or primary surface	
	649	03	Filled deciduous or primary surface	
	433	04	Unerupted tooth	
	10108	05	Sound permanent	
	441	07	Decayed permanent	
	3897	08	Filled permanent	
	1407	10	Missing (due to caries/periodontal disease)	
	3833	11	Replacement for missing tooth (due to caries/periodontal disease)	
	23	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1958-1959 DEPCS22		Coronal caries, surfaces: upper left 2nd bicuspid, lingual surface		
	5	00	Tooth present but excluded	
	6011	01	Sound deciduous or primary surface	
	216	02	Decayed deciduous or primary surface	
	388	03	Filled deciduous or primary surface	
	433	04	Unerupted tooth	
	13269	05	Sound permanent	
	245	07	Decayed permanent	
	932	08	Filled permanent	
	1407	10	Missing (due to caries/periodontal disease)	
	3833	11	Replacement for missing tooth (due to caries/periodontal disease)	
	23	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1960-1961 DEPCS23		Coronal caries, surfaces: upper left 2nd bicuspid, buccal surface		
	5	00	Tooth present but excluded	
	6504	01	Sound deciduous or primary surface	
	32	02	Decayed deciduous or primary surface	
	79	03	Filled deciduous or primary surface	
	433	04	Unerupted tooth	
	13282	05	Sound permanent	
	236	07	Decayed permanent	
	928	08	Filled permanent	
	1407	10	Missing (due to caries/periodontal disease)	
	3833	11	Replacement for missing tooth (due to caries/periodontal disease)	
	23	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1962-1963 DEPCS24		Coronal caries, surfaces: upper left 2nd bicuspid, mesial surface		
	5	00	Tooth present but excluded	
	6224	01	Sound deciduous or primary surface	
	152	02	Decayed deciduous or primary surface	
	238	03	Filled deciduous or primary surface	
	433	04	Unerupted tooth	
	11700	05	Sound permanent	
	354	07	Decayed permanent	
	2393	08	Filled permanent	
	1407	10	Missing (due to caries/periodontal disease)	
	3833	11	Replacement for missing tooth (due to caries/periodontal disease)	
	23	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1964-1965 DEPCS25		Coronal caries, surfaces: upper left 2nd bicuspid, distal surface		
	5	00	Tooth present but excluded	
	6445	01	Sound deciduous or primary surface	
	65	02	Decayed deciduous or primary surface	
	105	03	Filled deciduous or primary surface	
	433	04	Unerupted tooth	
	11432	05	Sound permanent	
	358	07	Decayed permanent	
	2656	08	Filled permanent	
	1407	10	Missing (due to caries/periodontal disease)	
	3833	11	Replacement for missing tooth (due to caries/periodontal disease)	
	23	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1966-1967 DEPCS26		Coronal caries, surfaces: upper left 1st molar, occlusal surface		
	6	00	Tooth present but excluded	
	4365	04	Unerupted tooth	
	8546	05	Sound permanent	
	858	07	Decayed permanent	
	6731	08	Filled permanent	
	2290	10	Missing (due to caries/periodontal disease)	
	3966	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1968-1969 DEPCS27		Coronal caries, surfaces: upper left 1st molar, lingual surface		
	6	00	Tooth present but excluded	
	4365	04	Unerupted tooth	
	11859	05	Sound permanent	
	439	07	Decayed permanent	
	3837	08	Filled permanent	
	2290	10	Missing (due to caries/periodontal disease)	
	3966	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1970-1971 DEPCS28		Coronal caries, surfaces: upper left 1st molar, buccal surface		
	6	00	Tooth present but excluded	
	4365	04	Unerupted tooth	
	14588	05	Sound permanent	
	287	07	Decayed permanent	
	1260	08	Filled permanent	
	2290	10	Missing (due to caries/periodontal disease)	
	3966	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1972-1973 DEPCS29		Coronal caries, surfaces: upper left 1st molar, mesial surface		
	6	00	Tooth present but excluded	
	4365	04	Unerupted tooth	
	12880	05	Sound permanent	
	407	07	Decayed permanent	
	2848	08	Filled permanent	
	2290	10	Missing (due to caries/periodontal disease)	
	3966	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1974-1975 DEPCS30		Coronal caries, surfaces: upper left 1st molar, distal surface		
	6	00	Tooth present but excluded	
	4365	04	Unerupted tooth	
	13874	05	Sound permanent	
	327	07	Decayed permanent	
	1934	08	Filled permanent	
	2290	10	Missing (due to caries/periodontal disease)	
	3966	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1976-1977 DEPCS31		Coronal caries, surfaces: upper left 2nd molar, occlusal surface		
	10	00	Tooth present but excluded	
	7450	04	Unerupted tooth	
	7439	05	Sound permanent	
	762	07	Decayed permanent	
	5548	08	Filled permanent	
	1985	10	Missing (due to caries/periodontal disease)	
	3566	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	27	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1978-1979 DEPCS32		Coronal caries, surfaces: upper left 2nd molar, lingual surface		
	10	00	Tooth present but excluded	
	7450	04	Unerupted tooth	
	11570	05	Sound permanent	
	279	07	Decayed permanent	
	1900	08	Filled permanent	
	1985	10	Missing (due to caries/periodontal disease)	
	3566	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	27	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1980-1981 DEPCS33		Coronal caries, surfaces: upper left 2nd molar, buccal surface		
	10	00	Tooth present but excluded	
	7450	04	Unerupted tooth	
	12176	05	Sound permanent	
	280	07	Decayed permanent	
	1293	08	Filled permanent	
	1985	10	Missing (due to caries/periodontal disease)	
	3566	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	27	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1982-1983 DEPCS34		Coronal caries, surfaces: upper left 2nd molar, mesial surface		
	10	00	Tooth present but excluded	
	7450	04	Unerupted tooth	
	11897	05	Sound permanent	
	224	07	Decayed permanent	
	1628	08	Filled permanent	
	1985	10	Missing (due to caries/periodontal disease)	
	3566	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	27	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1984-1985 DEPCS35		Coronal caries, surfaces: upper left 2nd molar, distal surface		
	10	00	Tooth present but excluded	
	7450	04	Unerupted tooth	
	12076	05	Sound permanent	
	286	07	Decayed permanent	
	1387	08	Filled permanent	
	1985	10	Missing (due to caries/periodontal disease)	
	3566	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	27	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1986 DEPCS36		Coronal caries, surfaces: upper right central incisor, filler		
	31311	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1987-1988 DEPCS37		Coronal caries, surfaces: upper right central incisor, lingual surface		
	489	00	Tooth present but excluded	
	4197	01	Sound deciduous or primary surface	
	266	02	Decayed deciduous or primary surface	
	76	03	Filled deciduous or primary surface	
	209	04	Unerupted tooth	
	15434	05	Sound permanent	
	359	07	Decayed permanent	
	1550	08	Filled permanent	
	400	10	Missing (due to caries/periodontal disease)	
	3452	11	Replacement for missing tooth (due to caries/periodontal disease)	
	59	12	Missing (due to orthodontic or non-disease)	
	306	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1989-1990 DEPCS38		Coronal caries, surfaces: upper right central incisor, buccal surface		
	489	00	Tooth present but excluded	
	4235	01	Sound deciduous or primary surface	
	234	02	Decayed deciduous or primary surface	
	70	03	Filled deciduous or primary surface	
	209	04	Unerupted tooth	
	16032	05	Sound permanent	
	302	07	Decayed permanent	
	1009	08	Filled permanent	
	400	10	Missing (due to caries/periodontal disease)	
	3452	11	Replacement for missing tooth (due to caries/periodontal disease)	
	59	12	Missing (due to orthodontic or non-disease)	
	306	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1991-1992 DEPCS39		Coronal caries, surfaces: upper right central incisor, mesial surface		
	489	00	Tooth present but excluded	
	4118	01	Sound deciduous or primary surface	
	346	02	Decayed deciduous or primary surface	
	75	03	Filled deciduous or primary surface	
	209	04	Unerupted tooth	
	15259	05	Sound permanent	
	485	07	Decayed permanent	
	1599	08	Filled permanent	
	400	10	Missing (due to caries/periodontal disease)	
	3452	11	Replacement for missing tooth (due to caries/periodontal disease)	
	59	12	Missing (due to orthodontic or non-disease)	
	306	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1993-1994 DEPCS40		Coronal caries, surfaces: upper right central incisor, distal surface		
	489	00	Tooth present but excluded	
	4265	01	Sound deciduous or primary surface	
	212	02	Decayed deciduous or primary surface	
	62	03	Filled deciduous or primary surface	
	209	04	Unerupted tooth	
	15408	05	Sound permanent	
	395	07	Decayed permanent	
	1540	08	Filled permanent	
	400	10	Missing (due to caries/periodontal disease)	
	3452	11	Replacement for missing tooth (due to caries/periodontal disease)	
	59	12	Missing (due to orthodontic or non-disease)	
	306	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
1995 DEPCS41		Coronal caries, surfaces: upper right lateral incisor, filler		
	31311	Blank		
1996-1997 DEPCS42		Coronal caries, surfaces: upper right lateral incisor, lingual surface		
	336	00	Tooth present but excluded	
	4804	01	Sound deciduous or primary surface	
	179	02	Decayed deciduous or primary surface	
	53	03	Filled deciduous or primary surface	
	400	04	Unerupted tooth	
	14808	05	Sound permanent	
	399	07	Decayed permanent	
	1655	08	Filled permanent	
	414	10	Missing (due to caries/periodontal disease)	
	3497	11	Replacement for missing tooth (due to caries/periodontal disease)	
	78	12	Missing (due to orthodontic or non-disease)	
	174	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
1998-1999 DEPCS43		Coronal caries, surfaces: upper right lateral incisor, buccal surface		
	336	00	Tooth present but excluded	
	4798	01	Sound deciduous or primary surface	
	184	02	Decayed deciduous or primary surface	
	54	03	Filled deciduous or primary surface	
	400	04	Unerupted tooth	
	15583	05	Sound permanent	
	336	07	Decayed permanent	
	943	08	Filled permanent	
	414	10	Missing (due to caries/periodontal disease)	
	3497	11	Replacement for missing tooth (due to caries/periodontal disease)	
	78	12	Missing (due to orthodontic or	

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
			non-disease)	
	174	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2000-2001 DEPCS44		Coronal caries, surfaces: upper right lateral incisor, mesial surface		
	336	00	Tooth present but excluded	
	4773	01	Sound deciduous or primary surface	
	212	02	Decayed deciduous or primary surface	
	51	03	Filled deciduous or primary surface	
	400	04	Unerupted tooth	
	14853	05	Sound permanent	
	498	07	Decayed permanent	
	1511	08	Filled permanent	
	414	10	Missing (due to caries/periodontal disease)	
	3497	11	Replacement for missing tooth (due to caries/periodontal disease)	
	78	12	Missing (due to orthodontic or non-disease)	
	174	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2002-2003 DEPCS45		Coronal caries, surfaces: upper right lateral incisor, distal surface		
	336	00	Tooth present but excluded	
	4914	01	Sound deciduous or primary surface	
	77	02	Decayed deciduous or primary surface	
	45	03	Filled deciduous or primary surface	
	400	04	Unerupted tooth	
	15355	05	Sound permanent	
	364	07	Decayed permanent	
	1143	08	Filled permanent	
	414	10	Missing (due to caries/periodontal disease)	
	3497	11	Replacement for missing tooth (due to caries/periodontal disease)	

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
	78	12	Missing (due to orthodontic or non-disease)	
	174	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2004 DEPCS46			Coronal caries, surfaces: upper right cuspid, filler	
	31311	Blank		
2005-2006 DEPCS47			Coronal caries, surfaces: upper right cuspid, lingual surface	
	178	00	Tooth present but excluded	
	6717	01	Sound deciduous or primary surface	
	50	02	Decayed deciduous or primary surface	
	21	03	Filled deciduous or primary surface	
	185	04	Unerupted tooth	
	14460	05	Sound permanent	
	290	07	Decayed permanent	
	1245	08	Filled permanent	
	386	10	Missing (due to caries/periodontal disease)	
	3135	11	Replacement for missing tooth (due to caries/periodontal disease)	
	62	12	Missing (due to orthodontic or non-disease)	
	68	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2007-2008 DEPCS48		Coronal caries, surfaces: upper right cuspid, buccal surface		
	178	00	Tooth present but excluded	
	6651	01	Sound deciduous or primary surface	
	108	02	Decayed deciduous or primary surface	
	29	03	Filled deciduous or primary surface	
	185	04	Unerupted tooth	
	14768	05	Sound permanent	
	319	07	Decayed permanent	
	908	08	Filled permanent	
	386	10	Missing (due to caries/periodontal disease)	
	3135	11	Replacement for missing tooth (due to caries/periodontal disease)	
	62	12	Missing (due to orthodontic or non-disease)	
	68	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2009-2010 DEPCS49		Coronal caries, surfaces: upper right cuspid, mesial surface		
	178	00	Tooth present but excluded	
	6747	01	Sound deciduous or primary surface	
	29	02	Decayed deciduous or primary surface	
	12	03	Filled deciduous or primary surface	
	185	04	Unerupted tooth	
	14733	05	Sound permanent	
	284	07	Decayed permanent	
	978	08	Filled permanent	
	386	10	Missing (due to caries/periodontal disease)	
	3135	11	Replacement for missing tooth (due to caries/periodontal disease)	
	62	12	Missing (due to orthodontic or non-disease)	
	68	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2011-2012 DEPCS50		Coronal caries, surfaces: upper right cuspid, distal surface		
	178	00	Tooth present but excluded	
	6722	01	Sound deciduous or primary surface	
	51	02	Decayed deciduous or primary surface	
	15	03	Filled deciduous or primary surface	
	185	04	Unerupted tooth	
	14467	05	Sound permanent	
	293	07	Decayed permanent	
	1235	08	Filled permanent	
	386	10	Missing (due to caries/periodontal disease)	
	3135	11	Replacement for missing tooth (due to caries/periodontal disease)	
	62	12	Missing (due to orthodontic or non-disease)	
	68	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2013-2014 DEPCS51		Coronal caries, surfaces: upper right 1st bicuspid, occlusal surface		
	11	00	Tooth present but excluded	
	5671	01	Sound deciduous or primary surface	
	351	02	Decayed deciduous or primary surface	
	340	03	Filled deciduous or primary surface	
	141	04	Unerupted tooth	
	11025	05	Sound permanent	
	430	07	Decayed permanent	
	3502	08	Filled permanent	
	1006	10	Missing (due to caries/periodontal disease)	
	3718	11	Replacement for missing tooth (due to caries/periodontal disease)	
	559	12	Missing (due to orthodontic or non-disease)	
	43	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2015-2016 DEPCS52		Coronal caries, surfaces: upper right 1st bicuspid, lingual surface		
	11	00	Tooth present but excluded	
	6207	01	Sound deciduous or primary surface	
	75	02	Decayed deciduous or primary surface	
	80	03	Filled deciduous or primary surface	
	141	04	Unerupted tooth	
	13907	05	Sound permanent	
	248	07	Decayed permanent	
	802	08	Filled permanent	
	1006	10	Missing (due to caries/periodontal disease)	
	3718	11	Replacement for missing tooth (due to caries/periodontal disease)	
	559	12	Missing (due to orthodontic or non-disease)	
	43	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2017-2018 DEPCS53		Coronal caries, surfaces: upper right 1st bicuspid, buccal surface		
	11	00	Tooth present but excluded	
	6238	01	Sound deciduous or primary surface	
	50	02	Decayed deciduous or primary surface	
	74	03	Filled deciduous or primary surface	
	141	04	Unerupted tooth	
	13723	05	Sound permanent	
	296	07	Decayed permanent	
	938	08	Filled permanent	
	1006	10	Missing (due to caries/periodontal disease)	
	3718	11	Replacement for missing tooth (due to caries/periodontal disease)	
	559	12	Missing (due to orthodontic or non-disease)	
	43	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2019-2020 DEPCS54		Coronal caries, surfaces: upper right 1st bicuspid, mesial surface		
	11	00	Tooth present but excluded	
	6168	01	Sound deciduous or primary surface	
	96	02	Decayed deciduous or primary surface	
	98	03	Filled deciduous or primary surface	
	141	04	Unerupted tooth	
	13214	05	Sound permanent	
	306	07	Decayed permanent	
	1437	08	Filled permanent	
	1006	10	Missing (due to caries/periodontal disease)	
	3718	11	Replacement for missing tooth (due to caries/periodontal disease)	
	559	12	Missing (due to orthodontic or non-disease)	
	43	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2021-2022 DEPCS55		Coronal caries, surfaces: upper right 1st bicuspid, distal surface		
	11	00	Tooth present but excluded	
	5943	01	Sound deciduous or primary surface	
	215	02	Decayed deciduous or primary surface	
	204	03	Filled deciduous or primary surface	
	141	04	Unerupted tooth	
	11972	05	Sound permanent	
	415	07	Decayed permanent	
	2570	08	Filled permanent	
	1006	10	Missing (due to caries/periodontal disease)	
	3718	11	Replacement for missing tooth (due to caries/periodontal disease)	
	559	12	Missing (due to orthodontic or non-disease)	
	43	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2023-2024 DEPCS56		Coronal caries, surfaces: upper right, 2nd bicuspid, occlusal surface		
	6	00	Tooth present but excluded	
	5413	01	Sound deciduous or primary surface	
	515	02	Decayed deciduous or primary surface	
	666	03	Filled deciduous or primary surface	
	446	04	Unerupted tooth	
	10098	05	Sound permanent	
	425	07	Decayed permanent	
	3958	08	Filled permanent	
	1403	10	Missing (due to caries/periodontal disease)	
	3811	11	Replacement for missing tooth (due to caries/periodontal disease)	
	21	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2025-2026 DEPCS57		Coronal caries, surfaces: upper right 2nd bicuspid, lingual surface		
	6	00	Tooth present but excluded	
	5949	01	Sound deciduous or primary surface	
	251	02	Decayed deciduous or primary surface	
	394	03	Filled deciduous or primary surface	
	446	04	Unerupted tooth	
	13301	05	Sound permanent	
	248	07	Decayed permanent	
	932	08	Filled permanent	
	1403	10	Missing (due to caries/periodontal disease)	
	3811	11	Replacement for missing tooth (due to caries/periodontal disease)	
	21	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2027-2028 DEPCS58		Coronal caries, surfaces: upper right 2nd bicuspid, buccal surface		
	6	00	Tooth present but excluded	
	6491	01	Sound deciduous or primary surface	
	31	02	Decayed deciduous or primary surface	
	72	03	Filled deciduous or primary surface	
	446	04	Unerupted tooth	
	13287	05	Sound permanent	
	245	07	Decayed permanent	
	949	08	Filled permanent	
	1403	10	Missing (due to caries/periodontal disease)	
	3811	11	Replacement for missing tooth (due to caries/periodontal disease)	
	21	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2029-2030 DEPCS59		Coronal caries, surfaces: upper right 2nd bicuspid, mesial surface		
	6	00	Tooth present but excluded	
	6178	01	Sound deciduous or primary surface	
	173	02	Decayed deciduous or primary surface	
	243	03	Filled deciduous or primary surface	
	446	04	Unerupted tooth	
	11672	05	Sound permanent	
	364	07	Decayed permanent	
	2445	08	Filled permanent	
	1403	10	Missing (due to caries/periodontal disease)	
	3811	11	Replacement for missing tooth (due to caries/periodontal disease)	
	21	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2031-2032 DEPCS60		Coronal caries, surfaces: upper right 2nd bicuspid, distal surface		
	6	00	Tooth present but excluded	
	6412	01	Sound deciduous or primary surface	
	81	02	Decayed deciduous or primary surface	
	101	03	Filled deciduous or primary surface	
	446	04	Unerupted tooth	
	11423	05	Sound permanent	
	350	07	Decayed permanent	
	2708	08	Filled permanent	
	1403	10	Missing (due to caries/periodontal disease)	
	3811	11	Replacement for missing tooth (due to caries/periodontal disease)	
	21	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2033-2034 DEPCS61		Coronal caries, surfaces: upper right 1st molar, occlusal surface		
	8	00	Tooth present but excluded	
	4357	04	Unerupted tooth	
	8535	05	Sound permanent	
	865	07	Decayed permanent	
	6723	08	Filled permanent	
	2322	10	Missing (due to caries/periodontal disease)	
	3951	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	29	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2035-2036 DEPCS62		Coronal caries, surfaces: upper right 1st molar, lingual surface		
	8	00	Tooth present but excluded	
	4357	04	Unerupted tooth	
	11801	05	Sound permanent	
	475	07	Decayed permanent	
	3847	08	Filled permanent	
	2322	10	Missing (due to caries/periodontal disease)	
	3951	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	29	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2037-2038 DEPCS63		Coronal caries, surfaces: upper right 1st molar, buccal surface		
	8	00	Tooth present but excluded	
	4357	04	Unerupted tooth	
	14640	05	Sound permanent	
	287	07	Decayed permanent	
	1196	08	Filled permanent	
	2322	10	Missing (due to caries/periodontal disease)	
	3951	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	29	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2039-2040 DEPCS64		Coronal caries, surfaces: upper right 1st molar, mesial surface		
	8	00	Tooth present but excluded	
	4357	04	Unerupted tooth	
	12868	05	Sound permanent	
	411	07	Decayed permanent	
	2844	08	Filled permanent	
	2322	10	Missing (due to caries/periodontal disease)	
	3951	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	29	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2041-2042 DEPCS65		Coronal caries, surfaces: upper right 1st molar, distal surface		
	8	00	Tooth present but excluded	
	4357	04	Unerupted tooth	
	13933	05	Sound permanent	
	327	07	Decayed permanent	
	1863	08	Filled permanent	
	2322	10	Missing (due to caries/periodontal disease)	
	3951	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	29	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2043-2044 DEPCS66		Coronal caries, surfaces: upper right 2nd molar, occlusal surface		
	6	00	Tooth present but excluded	
	7476	04	Unerupted tooth	
	7383	05	Sound permanent	
	730	07	Decayed permanent	
	5685	08	Filled permanent	
	1930	10	Missing (due to caries/periodontal disease)	
	3552	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2045-2046 DEPCS67		Coronal caries, surfaces: upper right 2nd molar, lingual surface		
	6	00	Tooth present but excluded	
	7476	04	Unerupted tooth	
	11567	05	Sound permanent	
	332	07	Decayed permanent	
	1899	08	Filled permanent	
	1930	10	Missing (due to caries/periodontal disease)	
	3552	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2047-2048 DEPCS68		Coronal caries, surfaces: upper right 2nd molar, buccal surface		
	6	00	Tooth present but excluded	
	7476	04	Unerupted tooth	
	12352	05	Sound permanent	
	293	07	Decayed permanent	
	1153	08	Filled permanent	
	1930	10	Missing (due to caries/periodontal disease)	
	3552	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2049-2050 DEPCS69		Coronal caries, surfaces: upper right 2nd molar, mesial surface		
	6	00	Tooth present but excluded	
	7476	04	Unerupted tooth	
	11985	05	Sound permanent	
	231	07	Decayed permanent	
	1582	08	Filled permanent	
	1930	10	Missing (due to caries/periodontal disease)	
	3552	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2051-2052 DEPCS70		Coronal caries, surfaces: upper right 2nd molar, distal surface		
	6	00	Tooth present but excluded	
	7476	04	Unerupted tooth	
	12107	05	Sound permanent	
	301	07	Decayed permanent	
	1390	08	Filled permanent	
	1930	10	Missing (due to caries/periodontal disease)	
	3552	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2053 DEPCS71		Coronal caries, surfaces: lower left central incisor, filler		
	31311	Blank		
2054-2055 DEPCS72		Coronal caries, surfaces: lower left central incisor, lingual surface		
	64	00	Tooth present but excluded	
	4130	01	Sound deciduous or primary surface	
	7	02	Decayed deciduous or primary surface	
	3	03	Filled deciduous or primary surface	
	44	04	Unerupted tooth	
	19231	05	Sound permanent	
	81	07	Decayed permanent	
	184	08	Filled permanent	
	506	10	Missing (due to caries/periodontal disease)	
	2423	11	Replacement for missing tooth (due to caries/periodontal disease)	
	62	12	Missing (due to orthodontic or non-disease)	
	62	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2056-2057 DEPCS73		Coronal caries, surfaces: lower left central incisor, buccal surface		
	64	00	Tooth present but excluded	
	4131	01	Sound deciduous or primary surface	
	6	02	Decayed deciduous or primary surface	
	3	03	Filled deciduous or primary surface	
	44	04	Unerupted tooth	
	19238	05	Sound permanent	
	85	07	Decayed permanent	
	173	08	Filled permanent	
	506	10	Missing (due to caries/periodontal disease)	
	2423	11	Replacement for missing tooth (due to caries/periodontal disease)	
	62	12	Missing (due to orthodontic or non-disease)	
	62	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2058-2059 DEPCS74		Coronal caries, surfaces: lower left central incisor, mesial surface		
	64	00	Tooth present but excluded	
	4126	01	Sound deciduous or primary surface	
	11	02	Decayed deciduous or primary surface	
	3	03	Filled deciduous or primary surface	
	44	04	Unerupted tooth	
	19200	05	Sound permanent	
	112	07	Decayed permanent	
	184	08	Filled permanent	
	506	10	Missing (due to caries/periodontal disease)	
	2423	11	Replacement for missing tooth (due to caries/periodontal disease)	
	62	12	Missing (due to orthodontic or non-disease)	
	62	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2060-2061 DEPCS75		Coronal caries, surfaces: lower left central incisor, distal surface		
	64	00	Tooth present but excluded	
	4129	01	Sound deciduous or primary surface	
	8	02	Decayed deciduous or primary surface	
	3	03	Filled deciduous or primary surface	
	44	04	Unerupted tooth	
	19170	05	Sound permanent	
	105	07	Decayed permanent	
	221	08	Filled permanent	
	506	10	Missing (due to caries/periodontal disease)	
	2423	11	Replacement for missing tooth (due to caries/periodontal disease)	
	62	12	Missing (due to orthodontic or non-disease)	
	62	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2062 DEPCS76		Coronal caries, surfaces: lower left lateral incisor, filler		
	31311	Blank		
2063-2064 DEPCS77		Coronal caries, surfaces: lower left lateral incisor, lingual surface		
	52	00	Tooth present but excluded	
	4714	01	Sound deciduous or primary surface	
	2	02	Decayed deciduous or primary surface	
	2	03	Filled deciduous or primary surface	
	166	04	Unerupted tooth	
	18725	05	Sound permanent	
	105	07	Decayed permanent	
	210	08	Filled permanent	
	419	10	Missing (due to caries/periodontal disease)	
	2302	11	Replacement for missing tooth (due to caries/periodontal disease)	
	52	12	Missing (due to orthodontic or	

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
			non-disease)	
	48	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2065-2066 DEPCS78		Coronal caries, surfaces: lower left lateral incisor, buccal surface		
	52	00	Tooth present but excluded	
	4711	01	Sound deciduous or primary surface	
	4	02	Decayed deciduous or primary surface	
	3	03	Filled deciduous or primary surface	
	166	04	Unerupted tooth	
	18682	05	Sound permanent	
	113	07	Decayed permanent	
	245	08	Filled permanent	
	419	10	Missing (due to caries/periodontal disease)	
	2302	11	Replacement for missing tooth (due to caries/periodontal disease)	
	52	12	Missing (due to orthodontic or non-disease)	
	48	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2067-2068 DEPCS79		Coronal caries, surfaces: lower left lateral incisor, mesial surface		
	52	00	Tooth present but excluded	
	4706	01	Sound deciduous or primary surface	
	10	02	Decayed deciduous or primary surface	
	2	03	Filled deciduous or primary surface	
	166	04	Unerupted tooth	
	18700	05	Sound permanent	
	112	07	Decayed permanent	
	228	08	Filled permanent	
	419	10	Missing (due to caries/periodontal disease)	
	2302	11	Replacement for missing tooth (due to caries/periodontal disease)	

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
	52	12	Missing (due to orthodontic or non-disease)	
	48	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2069-2070 DEPCS80		Coronal caries, surfaces: lower left lateral incisor, distal surface		
	52	00	Tooth present but excluded	
	4709	01	Sound deciduous or primary surface	
	8	02	Decayed deciduous or primary surface	
	1	03	Filled deciduous or primary surface	
	166	04	Unerupted tooth	
	18599	05	Sound permanent	
	173	07	Decayed permanent	
	268	08	Filled permanent	
	419	10	Missing (due to caries/periodontal disease)	
	2302	11	Replacement for missing tooth (due to caries/periodontal disease)	
	52	12	Missing (due to orthodontic or non-disease)	
	48	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2071 DEPCS81		Coronal caries, surfaces: lower left cuspid, filler		
	31311	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2072-2073 DEPCS82		Coronal caries, surfaces: lower left cuspid, lingual surface		
	59	00	Tooth present but excluded	
	6258	01	Sound deciduous or primary surface	
	20	02	Decayed deciduous or primary surface	
	21	03	Filled deciduous or primary surface	
	185	04	Unerupted tooth	
	17333	05	Sound permanent	
	118	07	Decayed permanent	
	446	08	Filled permanent	
	317	10	Missing (due to caries/periodontal disease)	
	1992	11	Replacement for missing tooth (due to caries/periodontal disease)	
	26	12	Missing (due to orthodontic or non-disease)	
	22	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2074-2075 DEPCS83		Coronal caries, surfaces: lower left cuspid, buccal surface		
	59	00	Tooth present but excluded	
	6180	01	Sound deciduous or primary surface	
	81	02	Decayed deciduous or primary surface	
	38	03	Filled deciduous or primary surface	
	185	04	Unerupted tooth	
	17027	05	Sound permanent	
	225	07	Decayed permanent	
	645	08	Filled permanent	
	317	10	Missing (due to caries/periodontal disease)	
	1992	11	Replacement for missing tooth (due to caries/periodontal disease)	
	26	12	Missing (due to orthodontic or non-disease)	
	22	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2076-2077 DEPCS84		Coronal caries, surfaces: lower left cuspid, mesial surface		
	59	00	Tooth present but excluded	
	6273	01	Sound deciduous or primary surface	
	14	02	Decayed deciduous or primary surface	
	12	03	Filled deciduous or primary surface	
	185	04	Unerupted tooth	
	17363	05	Sound permanent	
	146	07	Decayed permanent	
	388	08	Filled permanent	
	317	10	Missing (due to caries/periodontal disease)	
	1992	11	Replacement for missing tooth (due to caries/periodontal disease)	
	26	12	Missing (due to orthodontic or non-disease)	
	22	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2078-2079 DEPCS85		Coronal caries, surfaces: lower left cuspid, distal surface		
	59	00	Tooth present but excluded	
	6254	01	Sound deciduous or primary surface	
	25	02	Decayed deciduous or primary surface	
	20	03	Filled deciduous or primary surface	
	185	04	Unerupted tooth	
	17247	05	Sound permanent	
	149	07	Decayed permanent	
	501	08	Filled permanent	
	317	10	Missing (due to caries/periodontal disease)	
	1992	11	Replacement for missing tooth (due to caries/periodontal disease)	
	26	12	Missing (due to orthodontic or non-disease)	
	22	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2080-2081 DEPCS86		Coronal caries, surfaces: lower left 1st bicuspid, occlusal surface		
	15	00	Tooth present but excluded	
	5416	01	Sound deciduous or primary surface	
	479	02	Decayed deciduous or primary surface	
	508	03	Filled deciduous or primary surface	
	159	04	Unerupted tooth	
	14158	05	Sound permanent	
	266	07	Decayed permanent	
	2306	08	Filled permanent	
	651	10	Missing (due to caries/periodontal disease)	
	2386	11	Replacement for missing tooth (due to caries/periodontal disease)	
	438	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2082-2083 DEPCS87		Coronal caries, surfaces: lower left 1st bicuspid, lingual surface		
	15	00	Tooth present but excluded	
	6147	01	Sound deciduous or primary surface	
	110	02	Decayed deciduous or primary surface	
	146	03	Filled deciduous or primary surface	
	159	04	Unerupted tooth	
	15983	05	Sound permanent	
	170	07	Decayed permanent	
	577	08	Filled permanent	
	651	10	Missing (due to caries/periodontal disease)	
	2386	11	Replacement for missing tooth (due to caries/periodontal disease)	
	438	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2084-2085 DEPCS88		Coronal caries, surfaces: lower left 1st bicuspid, buccal surface		
	15	00	Tooth present but excluded	
	6174	01	Sound deciduous or primary surface	
	86	02	Decayed deciduous or primary surface	
	143	03	Filled deciduous or primary surface	
	159	04	Unerupted tooth	
	15472	05	Sound permanent	
	282	07	Decayed permanent	
	976	08	Filled permanent	
	651	10	Missing (due to caries/periodontal disease)	
	2386	11	Replacement for missing tooth (due to caries/periodontal disease)	
	438	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2086-2087 DEPCS89		Coronal caries, surfaces: lower left 1st bicuspid, mesial surface		
	15	00	Tooth present but excluded	
	6204	01	Sound deciduous or primary surface	
	66	02	Decayed deciduous or primary surface	
	133	03	Filled deciduous or primary surface	
	159	04	Unerupted tooth	
	15848	05	Sound permanent	
	187	07	Decayed permanent	
	695	08	Filled permanent	
	651	10	Missing (due to caries/periodontal disease)	
	2386	11	Replacement for missing tooth (due to caries/periodontal disease)	
	438	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2088-2089 DEPCS90		Coronal caries, surfaces: lower left 1st bicuspid, distal surface		
	15	00	Tooth present but excluded	
	5703	01	Sound deciduous or primary surface	
	342	02	Decayed deciduous or primary surface	
	358	03	Filled deciduous or primary surface	
	159	04	Unerupted tooth	
	14948	05	Sound permanent	
	276	07	Decayed permanent	
	1506	08	Filled permanent	
	651	10	Missing (due to caries/periodontal disease)	
	2386	11	Replacement for missing tooth (due to caries/periodontal disease)	
	438	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2090-2091 DEPCS91		Coronal caries, surfaces: lower left 2nd bicuspid, occlusal surface		
	10	00	Tooth present but excluded	
	5412	01	Sound deciduous or primary surface	
	580	02	Decayed deciduous or primary surface	
	718	03	Filled deciduous or primary surface	
	366	04	Unerupted tooth	
	11147	05	Sound permanent	
	369	07	Decayed permanent	
	3983	08	Filled permanent	
	1317	10	Missing (due to caries/periodontal disease)	
	2847	11	Replacement for missing tooth (due to caries/periodontal disease)	
	28	12	Missing (due to orthodontic or non-disease)	
	20	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2092-2093 DEPCS92		Coronal caries, surfaces: lower left 2nd bicuspid, lingual surface		
	10	00	Tooth present but excluded	
	6392	01	Sound deciduous or primary surface	
	141	02	Decayed deciduous or primary surface	
	177	03	Filled deciduous or primary surface	
	366	04	Unerupted tooth	
	14356	05	Sound permanent	
	183	07	Decayed permanent	
	960	08	Filled permanent	
	1317	10	Missing (due to caries/periodontal disease)	
	2847	11	Replacement for missing tooth (due to caries/periodontal disease)	
	28	12	Missing (due to orthodontic or non-disease)	
	20	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2094-2095 DEPCS93		Coronal caries, surfaces: lower left 2nd bicuspid, buccal surface		
	10	00	Tooth present but excluded	
	6213	01	Sound deciduous or primary surface	
	171	02	Decayed deciduous or primary surface	
	326	03	Filled deciduous or primary surface	
	366	04	Unerupted tooth	
	14115	05	Sound permanent	
	251	07	Decayed permanent	
	1133	08	Filled permanent	
	1317	10	Missing (due to caries/periodontal disease)	
	2847	11	Replacement for missing tooth (due to caries/periodontal disease)	
	28	12	Missing (due to orthodontic or non-disease)	
	20	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2096-2097 DEPCS94		Coronal caries, surfaces: lower left 2nd bicuspid, mesial surface		
	10	00	Tooth present but excluded	
	6230	01	Sound deciduous or primary surface	
	149	02	Decayed deciduous or primary surface	
	331	03	Filled deciduous or primary surface	
	366	04	Unerupted tooth	
	13769	05	Sound permanent	
	213	07	Decayed permanent	
	1517	08	Filled permanent	
	1317	10	Missing (due to caries/periodontal disease)	
	2847	11	Replacement for missing tooth (due to caries/periodontal disease)	
	28	12	Missing (due to orthodontic or non-disease)	
	20	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2098-2099 DEPCS95		Coronal caries, surfaces: lower left 2nd bicuspid, distal surface		
	10	00	Tooth present but excluded	
	6417	01	Sound deciduous or primary surface	
	107	02	Decayed deciduous or primary surface	
	186	03	Filled deciduous or primary surface	
	366	04	Unerupted tooth	
	12588	05	Sound permanent	
	338	07	Decayed permanent	
	2573	08	Filled permanent	
	1317	10	Missing (due to caries/periodontal disease)	
	2847	11	Replacement for missing tooth (due to caries/periodontal disease)	
	28	12	Missing (due to orthodontic or non-disease)	
	20	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2100-2101 DEPCS96		Coronal caries, surfaces: lower left 1st molar, occlusal surface		
	9	00	Tooth present but excluded	
	4235	04	Unerupted tooth	
	7725	05	Sound permanent	
	934	07	Decayed permanent	
	6160	08	Filled permanent	
	4126	10	Missing (due to caries/periodontal disease)	
	3582	11	Replacement for missing tooth (due to caries/periodontal disease)	
	9	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2102-2103 DEPCS97		Coronal caries, surfaces: lower left 1st molar, lingual surface		
	9	00	Tooth present but excluded	
	4235	04	Unerupted tooth	
	12816	05	Sound permanent	
	398	07	Decayed permanent	
	1605	08	Filled permanent	
	4126	10	Missing (due to caries/periodontal disease)	
	3582	11	Replacement for missing tooth (due to caries/periodontal disease)	
	9	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2104-2105 DEPCS98		Coronal caries, surfaces: lower left 1st molar, buccal surface		
	9	00	Tooth present but excluded	
	4235	04	Unerupted tooth	
	10002	05	Sound permanent	
	619	07	Decayed permanent	
	4198	08	Filled permanent	
	4126	10	Missing (due to caries/periodontal disease)	
	3582	11	Replacement for missing tooth (due to caries/periodontal disease)	
	9	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2106-2107 DEPCS99		Coronal caries, surfaces: lower left 1st molar, mesial surface		
	9	00	Tooth present but excluded	
	4235	04	Unerupted tooth	
	12139	05	Sound permanent	
	345	07	Decayed permanent	
	2335	08	Filled permanent	
	4126	10	Missing (due to caries/periodontal disease)	
	3582	11	Replacement for missing tooth (due to caries/periodontal disease)	
	9	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2108-2109 DEPCS100		Coronal caries, surfaces: lower left 1st molar, distal surface		
	9	00	Tooth present but excluded	
	4235	04	Unerupted tooth	
	12033	05	Sound permanent	
	429	07	Decayed permanent	
	2357	08	Filled permanent	
	4126	10	Missing (due to caries/periodontal disease)	
	3582	11	Replacement for missing tooth (due to caries/periodontal disease)	
	9	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2110-2111 DEPCS101		Coronal caries, surfaces: lower left 2nd molar, occlusal surface		
	12	00	Tooth present but excluded	
	7200	04	Unerupted tooth	
	6345	05	Sound permanent	
	913	07	Decayed permanent	
	5938	08	Filled permanent	
	3196	10	Missing (due to caries/periodontal disease)	
	3167	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2112-2113 DEPCS102		Coronal caries, surfaces: lower left 2nd molar, lingual surface		
	12	00	Tooth present but excluded	
	7200	04	Unerupted tooth	
	11627	05	Sound permanent	
	283	07	Decayed permanent	
	1286	08	Filled permanent	
	3196	10	Missing (due to caries/periodontal disease)	
	3167	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2114-2115 DEPCS103		Coronal caries, surfaces: lower left 2nd molar, buccal surface		
	12	00	Tooth present but excluded	
	7200	04	Unerupted tooth	
	9796	05	Sound permanent	
	570	07	Decayed permanent	
	2830	08	Filled permanent	
	3196	10	Missing (due to caries/periodontal disease)	
	3167	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2116-2117 DEPCS104		Coronal caries, surfaces: lower left 2nd molar, mesial surface		
	12	00	Tooth present but excluded	
	7200	04	Unerupted tooth	
	10939	05	Sound permanent	
	274	07	Decayed permanent	
	1983	08	Filled permanent	
	3196	10	Missing (due to caries/periodontal disease)	
	3167	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2118-2119 DEPCS105		Coronal caries, surfaces: lower left 2nd molar, distal surface		
	12	00	Tooth present but excluded	
	7200	04	Unerupted tooth	
	11511	05	Sound permanent	
	263	07	Decayed permanent	
	1422	08	Filled permanent	
	3196	10	Missing (due to caries/periodontal disease)	
	3167	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2120 DEPCS106		Coronal caries, surfaces: lower right central incisor, filler		
	31311	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2121-2122 DEPCS107		Coronal caries, surfaces: lower right central incisor, lingual surface		
	60	00	Tooth present but excluded	
	4113	01	Sound deciduous or primary surface	
	3	02	Decayed deciduous or primary surface	
	3	03	Filled deciduous or primary surface	
	46	04	Unerupted tooth	
	19245	05	Sound permanent	
	78	07	Decayed permanent	
	179	08	Filled permanent	
	525	10	Missing (due to caries/periodontal disease)	
	2417	11	Replacement for missing tooth (due to caries/periodontal disease)	
	71	12	Missing (due to orthodontic or non-disease)	
	56	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2123-2124 DEPCS108		Coronal caries, surfaces: lower right central incisor, buccal surface		
	60	00	Tooth present but excluded	
	4110	01	Sound deciduous or primary surface	
	6	02	Decayed deciduous or primary surface	
	3	03	Filled deciduous or primary surface	
	46	04	Unerupted tooth	
	19250	05	Sound permanent	
	85	07	Decayed permanent	
	167	08	Filled permanent	
	525	10	Missing (due to caries/periodontal disease)	
	2417	11	Replacement for missing tooth (due to caries/periodontal disease)	
	71	12	Missing (due to orthodontic or non-disease)	
	56	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2125-2126 DEPCS109		Coronal caries, surfaces: lower right central incisor, mesial surface		
	60	00	Tooth present but excluded	
	4105	01	Sound deciduous or primary surface	
	11	02	Decayed deciduous or primary surface	
	3	03	Filled deciduous or primary surface	
	46	04	Unerupted tooth	
	19195	05	Sound permanent	
	101	07	Decayed permanent	
	206	08	Filled permanent	
	525	10	Missing (due to caries/periodontal disease)	
	2417	11	Replacement for missing tooth (due to caries/periodontal disease)	
	71	12	Missing (due to orthodontic or non-disease)	
	56	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2127-2128 DEPCS110		Coronal caries, surfaces: lower right central incisor, distal surface		
	60	00	Tooth present but excluded	
	4107	01	Sound deciduous or primary surface	
	9	02	Decayed deciduous or primary surface	
	3	03	Filled deciduous or primary surface	
	46	04	Unerupted tooth	
	19154	05	Sound permanent	
	114	07	Decayed permanent	
	234	08	Filled permanent	
	525	10	Missing (due to caries/periodontal disease)	
	2417	11	Replacement for missing tooth (due to caries/periodontal disease)	
	71	12	Missing (due to orthodontic or non-disease)	
	56	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2129 DEPCS111		Coronal caries, surfaces: lower right lateral incisor, filler		
	31311	Blank		
2130-2131 DEPCS112		Coronal caries, surfaces: lower right lateral incisor, lingual surface		
	60	00	Tooth present but excluded	
	4716	01	Sound deciduous or primary surface	
	5	02	Decayed deciduous or primary surface	
	1	03	Filled deciduous or primary surface	
	151	04	Unerupted tooth	
	18745	05	Sound permanent	
	107	07	Decayed permanent	
	207	08	Filled permanent	
	404	10	Missing (due to caries/periodontal disease)	
	2306	11	Replacement for missing tooth (due to caries/periodontal disease)	
	50	12	Missing (due to orthodontic or non-disease)	
	44	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2132-2133 DEPCS113		Coronal caries, surfaces: lower right lateral incisor, buccal surface		
	60	00	Tooth present but excluded	
	4711	01	Sound deciduous or primary surface	
	10	02	Decayed deciduous or primary surface	
	1	03	Filled deciduous or primary surface	
	151	04	Unerupted tooth	
	18690	05	Sound permanent	
	130	07	Decayed permanent	
	239	08	Filled permanent	
	404	10	Missing (due to caries/periodontal disease)	
	2306	11	Replacement for missing tooth (due to caries/periodontal disease)	
	50	12	Missing (due to orthodontic or	

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
			non-disease)	
	44	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2134-2135 DEPCS114		Coronal caries, surfaces: lower right lateral incisor, mesial surface		
	60	00	Tooth present but excluded	
	4708	01	Sound deciduous or primary surface	
	13	02	Decayed deciduous or primary surface	
	1	03	Filled deciduous or primary surface	
	151	04	Unerupted tooth	
	18735	05	Sound permanent	
	117	07	Decayed permanent	
	207	08	Filled permanent	
	404	10	Missing (due to caries/periodontal disease)	
	2306	11	Replacement for missing tooth (due to caries/periodontal disease)	
	50	12	Missing (due to orthodontic or non-disease)	
	44	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2136-2137 DEPCS115		Coronal caries, surfaces: lower right lateral incisor, distal surface		
	60	00	Tooth present but excluded	
	4715	01	Sound deciduous or primary surface	
	6	02	Decayed deciduous or primary surface	
	1	03	Filled deciduous or primary surface	
	151	04	Unerupted tooth	
	18625	05	Sound permanent	
	156	07	Decayed permanent	
	278	08	Filled permanent	
	404	10	Missing (due to caries/periodontal disease)	
	2306	11	Replacement for missing tooth (due to caries/periodontal disease)	

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
	50	12	Missing (due to orthodontic or non-disease)	
	44	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2138 DEPCS116		Coronal caries, surfaces: lower right cuspid, filler		
	31311	Blank		
2139-2140 DEPCS117		Coronal caries, surfaces: lower right cuspid, lingual surface		
	57	00	Tooth present but excluded	
	6251	01	Sound deciduous or primary surface	
	17	02	Decayed deciduous or primary surface	
	10	03	Filled deciduous or primary surface	
	204	04	Unerupted tooth	
	17328	05	Sound permanent	
	144	07	Decayed permanent	
	468	08	Filled permanent	
	301	10	Missing (due to caries/periodontal disease)	
	1978	11	Replacement for missing tooth (due to caries/periodontal disease)	
	18	12	Missing (due to orthodontic or non-disease)	
	20	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2141-2142 DEPCS118		Coronal caries, surfaces: lower right cuspid, buccal surface		
	57	00	Tooth present but excluded	
	6161	01	Sound deciduous or primary surface	
	89	02	Decayed deciduous or primary surface	
	28	03	Filled deciduous or primary surface	
	204	04	Unerupted tooth	
	17001	05	Sound permanent	
	258	07	Decayed permanent	
	681	08	Filled permanent	
	301	10	Missing (due to caries/periodontal disease)	
	1978	11	Replacement for missing tooth (due to caries/periodontal disease)	
	18	12	Missing (due to orthodontic or non-disease)	
	20	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2143-2144 DEPCS119		Coronal caries, surfaces: lower right cuspid, mesial surface		
	57	00	Tooth present but excluded	
	6259	01	Sound deciduous or primary surface	
	10	02	Decayed deciduous or primary surface	
	9	03	Filled deciduous or primary surface	
	204	04	Unerupted tooth	
	17414	05	Sound permanent	
	154	07	Decayed permanent	
	372	08	Filled permanent	
	301	10	Missing (due to caries/periodontal disease)	
	1978	11	Replacement for missing tooth (due to caries/periodontal disease)	
	18	12	Missing (due to orthodontic or non-disease)	
	20	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2145-2146 DEPCS120		Coronal caries, surfaces: lower right cuspid, distal surface		
	57	00	Tooth present but excluded	
	6245	01	Sound deciduous or primary surface	
	21	02	Decayed deciduous or primary surface	
	12	03	Filled deciduous or primary surface	
	204	04	Unerupted tooth	
	17252	05	Sound permanent	
	164	07	Decayed permanent	
	524	08	Filled permanent	
	301	10	Missing (due to caries/periodontal disease)	
	1978	11	Replacement for missing tooth (due to caries/periodontal disease)	
	18	12	Missing (due to orthodontic or non-disease)	
	20	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2147-2148 DEPCS121		Coronal caries, surfaces: lower right 1st bicuspid, occlusal surface		
	15	00	Tooth present but excluded	
	5398	01	Sound deciduous or primary surface	
	485	02	Decayed deciduous or primary surface	
	498	03	Filled deciduous or primary surface	
	147	04	Unerupted tooth	
	14106	05	Sound permanent	
	259	07	Decayed permanent	
	2371	08	Filled permanent	
	660	10	Missing (due to caries/periodontal disease)	
	2395	11	Replacement for missing tooth (due to caries/periodontal disease)	
	445	12	Missing (due to orthodontic or non-disease)	
	17	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2149-2150 DEPCS122		Coronal caries, surfaces: lower right 1st bicuspid, lingual surface		
	15	00	Tooth present but excluded	
	6134	01	Sound deciduous or primary surface	
	103	02	Decayed deciduous or primary surface	
	144	03	Filled deciduous or primary surface	
	147	04	Unerupted tooth	
	15943	05	Sound permanent	
	173	07	Decayed permanent	
	620	08	Filled permanent	
	660	10	Missing (due to caries/periodontal disease)	
	2395	11	Replacement for missing tooth (due to caries/periodontal disease)	
	445	12	Missing (due to orthodontic or non-disease)	
	17	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2151-2152 DEPCS123		Coronal caries, surfaces: lower right 1st bicuspid, buccal surface		
	15	00	Tooth present but excluded	
	6167	01	Sound deciduous or primary surface	
	80	02	Decayed deciduous or primary surface	
	134	03	Filled deciduous or primary surface	
	147	04	Unerupted tooth	
	15476	05	Sound permanent	
	293	07	Decayed permanent	
	967	08	Filled permanent	
	660	10	Missing (due to caries/periodontal disease)	
	2395	11	Replacement for missing tooth (due to caries/periodontal disease)	
	445	12	Missing (due to orthodontic or non-disease)	
	17	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2153-2154 DEPCS124		Coronal caries, surfaces: lower right 1st bicuspid, mesial surface		
	15	00	Tooth present but excluded	
	6203	01	Sound deciduous or primary surface	
	49	02	Decayed deciduous or primary surface	
	129	03	Filled deciduous or primary surface	
	147	04	Unerupted tooth	
	15822	05	Sound permanent	
	177	07	Decayed permanent	
	737	08	Filled permanent	
	660	10	Missing (due to caries/periodontal disease)	
	2395	11	Replacement for missing tooth (due to caries/periodontal disease)	
	445	12	Missing (due to orthodontic or non-disease)	
	17	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2155-2156 DEPCS125		Coronal caries, surfaces: lower right 1st bicuspid, distal surface		
	15	00	Tooth present but excluded	
	5698	01	Sound deciduous or primary surface	
	328	02	Decayed deciduous or primary surface	
	355	03	Filled deciduous or primary surface	
	147	04	Unerupted tooth	
	14879	05	Sound permanent	
	272	07	Decayed permanent	
	1585	08	Filled permanent	
	660	10	Missing (due to caries/periodontal disease)	
	2395	11	Replacement for missing tooth (due to caries/periodontal disease)	
	445	12	Missing (due to orthodontic or non-disease)	
	17	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2157-2158 DEPCS126		Coronal caries, surfaces: lower right 2nd bicuspid, occlusal surface		
	8	00	Tooth present but excluded	
	5385	01	Sound deciduous or primary surface	
	588	02	Decayed deciduous or primary surface	
	707	03	Filled deciduous or primary surface	
	392	04	Unerupted tooth	
	11064	05	Sound permanent	
	388	07	Decayed permanent	
	3953	08	Filled permanent	
	1422	10	Missing (due to caries/periodontal disease)	
	2841	11	Replacement for missing tooth (due to caries/periodontal disease)	
	27	12	Missing (due to orthodontic or non-disease)	
	21	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2159-2160 DEPCS127		Coronal caries, surfaces: lower right 2nd bicuspid, lingual surface		
	8	00	Tooth present but excluded	
	6366	01	Sound deciduous or primary surface	
	137	02	Decayed deciduous or primary surface	
	178	03	Filled deciduous or primary surface	
	392	04	Unerupted tooth	
	14229	05	Sound permanent	
	217	07	Decayed permanent	
	958	08	Filled permanent	
	1422	10	Missing (due to caries/periodontal disease)	
	2841	11	Replacement for missing tooth (due to caries/periodontal disease)	
	27	12	Missing (due to orthodontic or non-disease)	
	21	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2161-2162 DEPCS128		Coronal caries, surfaces: lower right 2nd bicuspid, buccal surface		
	8	00	Tooth present but excluded	
	6220	01	Sound deciduous or primary surface	
	143	02	Decayed deciduous or primary surface	
	318	03	Filled deciduous or primary surface	
	392	04	Unerupted tooth	
	13997	05	Sound permanent	
	261	07	Decayed permanent	
	1146	08	Filled permanent	
	1422	10	Missing (due to caries/periodontal disease)	
	2841	11	Replacement for missing tooth (due to caries/periodontal disease)	
	27	12	Missing (due to orthodontic or non-disease)	
	21	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2163-2164 DEPCS129		Coronal caries, surfaces: lower right 2nd bicuspid, mesial surface		
	8	00	Tooth present but excluded	
	6230	01	Sound deciduous or primary surface	
	127	02	Decayed deciduous or primary surface	
	324	03	Filled deciduous or primary surface	
	392	04	Unerupted tooth	
	13589	05	Sound permanent	
	222	07	Decayed permanent	
	1593	08	Filled permanent	
	1422	10	Missing (due to caries/periodontal disease)	
	2841	11	Replacement for missing tooth (due to caries/periodontal disease)	
	27	12	Missing (due to orthodontic or non-disease)	
	21	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2165-2166 DEPCS130		Coronal caries, surfaces: lower right 2nd bicuspid, distal surface		
	8	00	Tooth present but excluded	
	6409	01	Sound deciduous or primary surface	
	101	02	Decayed deciduous or primary surface	
	171	03	Filled deciduous or primary surface	
	392	04	Unerupted tooth	
	12503	05	Sound permanent	
	340	07	Decayed permanent	
	2561	08	Filled permanent	
	1422	10	Missing (due to caries/periodontal disease)	
	2841	11	Replacement for missing tooth (due to caries/periodontal disease)	
	27	12	Missing (due to orthodontic or non-disease)	
	21	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2167-2168 DEPCS131		Coronal caries, surfaces: lower right 1st molar, occlusal surface		
	8	00	Tooth present but excluded	
	4262	04	Unerupted tooth	
	7826	05	Sound permanent	
	916	07	Decayed permanent	
	6237	08	Filled permanent	
	3975	10	Missing (due to caries/periodontal disease)	
	3547	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	18	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2169-2170 DEPCS132		Coronal caries, surfaces: lower right 1st molar, lingual surface		
	8	00	Tooth present but excluded	
	4262	04	Unerupted tooth	
	13052	05	Sound permanent	
	343	07	Decayed permanent	
	1584	08	Filled permanent	
	3975	10	Missing (due to caries/periodontal disease)	
	3547	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	18	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2171-2172 DEPCS133		Coronal caries, surfaces: lower right 1st molar, buccal surface		
	8	00	Tooth present but excluded	
	4262	04	Unerupted tooth	
	9939	05	Sound permanent	
	615	07	Decayed permanent	
	4425	08	Filled permanent	
	3975	10	Missing (due to caries/periodontal disease)	
	3547	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	18	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2173-2174 DEPCS134		Coronal caries, surfaces: lower right 1st molar, mesial surface		
	8	00	Tooth present but excluded	
	4262	04	Unerupted tooth	
	12131	05	Sound permanent	
	351	07	Decayed permanent	
	2497	08	Filled permanent	
	3975	10	Missing (due to caries/periodontal disease)	
	3547	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	18	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2175-2176 DEPCS135		Coronal caries, surfaces: lower right 1st molar, distal surface		
	8	00	Tooth present but excluded	
	4262	04	Unerupted tooth	
	12160	05	Sound permanent	
	391	07	Decayed permanent	
	2428	08	Filled permanent	
	3975	10	Missing (due to caries/periodontal disease)	
	3547	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	18	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2177-2178 DEPCS136		Coronal caries, surfaces: lower right 2nd molar, occlusal surface		
	13	00	Tooth present but excluded	
	7212	04	Unerupted tooth	
	6356	05	Sound permanent	
	831	07	Decayed permanent	
	5992	08	Filled permanent	
	3186	10	Missing (due to caries/periodontal disease)	
	3182	11	Replacement for missing tooth (due to caries/periodontal disease)	
	8	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2179-2180 DEPCS137		Coronal caries, surfaces: lower right 2nd molar, lingual surface		
	13	00	Tooth present but excluded	
	7212	04	Unerupted tooth	
	11715	05	Sound permanent	
	245	07	Decayed permanent	
	1219	08	Filled permanent	
	3186	10	Missing (due to caries/periodontal disease)	
	3182	11	Replacement for missing tooth (due to caries/periodontal disease)	
	8	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2181-2182 DEPCS138		Coronal caries, surfaces: lower right 2nd molar, buccal surface		
	13	00	Tooth present but excluded	
	7212	04	Unerupted tooth	
	9837	05	Sound permanent	
	510	07	Decayed permanent	
	2832	08	Filled permanent	
	3186	10	Missing (due to caries/periodontal disease)	
	3182	11	Replacement for missing tooth (due to caries/periodontal disease)	
	8	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2183-2184 DEPCS139		Coronal caries, surfaces: lower right 2nd molar, mesial surface		
	13	00	Tooth present but excluded	
	7212	04	Unerupted tooth	
	10883	05	Sound permanent	
	239	07	Decayed permanent	
	2057	08	Filled permanent	
	3186	10	Missing (due to caries/periodontal disease)	
	3182	11	Replacement for missing tooth (due to caries/periodontal disease)	
	8	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2185-2186 DEPCS140		Coronal caries, surfaces: lower right 2nd molar, distal surface		
	13	00	Tooth present but excluded	
	7212	04	Unerupted tooth	
	11522	05	Sound permanent	
	243	07	Decayed permanent	
	1414	08	Filled permanent	
	3186	10	Missing (due to caries/periodontal disease)	
	3182	11	Replacement for missing tooth (due to caries/periodontal disease)	
	8	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

CORONAL CARIES, TEETH

2187-2188 DEPCT1		Coronal tooth calls: upper left central incisor		
	510	00	Tooth present but excluded	
	3987	01	Sound deciduous or primary tooth	
	477	02	Decayed deciduous or primary tooth	
	79	03	Filled deciduous or primary tooth	
	193	04	Unerupted tooth	
	14292	05	Sound permanent	
	794	07	Decayed permanent	
	1833	08	Filled permanent	
	430	09	Full crown coverage	
	397	10	Missing (due to caries/periodontal disease)	
	3454	11	Replacement for missing tooth (due to caries/periodontal disease)	
	42	12	Missing (due to orthodontic or non-disease)	
	309	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2189-2190 DEPCT2		Coronal tooth calls: upper left lateral incisor		
	303	00	Tooth present but excluded	
	4667	01	Sound deciduous or primary tooth	
	318	02	Decayed deciduous or primary tooth	
	57	03	Filled deciduous or primary tooth	
	372	04	Unerupted tooth	
	13781	05	Sound permanent	
	766	07	Decayed permanent	
	1900	08	Filled permanent	
	405	09	Full crown coverage	
	439	10	Missing (due to caries/periodontal disease)	
	3507	11	Replacement for missing tooth (due to caries/periodontal disease)	
	78	12	Missing (due to orthodontic or non-disease)	
	204	13	Replacement for missing tooth (due to orthodontic or non- disease)	
	4514	Blank		
2191-2192 DEPCT3		Coronal tooth calls: upper left cuspid		
	197	00	Tooth present but excluded	
	6595	01	Sound deciduous or primary tooth	
	145	02	Decayed deciduous or primary tooth	
	45	03	Filled deciduous or primary tooth	
	217	04	Unerupted tooth	
	13569	05	Sound permanent	
	568	07	Decayed permanent	
	1385	08	Filled permanent	
	414	09	Full crown coverage	
	387	10	Missing (due to caries/periodontal disease)	
	3147	11	Replacement for missing tooth (due to caries/periodontal disease)	
	53	12	Missing (due to orthodontic or non-disease)	
	75	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2193-2194 DEPCT4		Coronal tooth calls: upper left 1st bicuspid		
	7	00	Tooth present but excluded	
	5612	01	Sound deciduous or primary tooth	
	414	02	Decayed deciduous or primary tooth	
	345	03	Filled deciduous or primary tooth	
	116	04	Unerupted tooth	
	10823	05	Sound permanent	
	621	07	Decayed permanent	
	2882	08	Filled permanent	
	618	09	Full crown coverage	
	1027	10	Missing (due to caries/periodontal disease)	
	3749	11	Replacement for missing tooth (due to caries/periodontal disease)	
	545	12	Missing (due to orthodontic or non-disease)	
	38	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2195-2196 DEPCT5		Coronal tooth calls: upper left 2nd bicuspid		
	5	00	Tooth present but excluded	
	5379	01	Sound deciduous or primary tooth	
	573	02	Decayed deciduous or primary tooth	
	663	03	Filled deciduous or primary tooth	
	433	04	Unerupted tooth	
	9966	05	Sound permanent	
	568	07	Decayed permanent	
	3164	08	Filled permanent	
	748	09	Full crown coverage	
	1407	10	Missing (due to caries/periodontal disease)	
	3833	11	Replacement for missing tooth (due to caries/periodontal disease)	
	23	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2197-2198 DEPCT6		Coronal tooth calls: upper left 1st molar		
	6	00	Tooth present but excluded	
	4365	04	Unerupted tooth	
	8317	05	Sound permanent	
	1022	07	Decayed permanent	
	6068	08	Filled permanent	
	728	09	Full crown coverage	
	2290	10	Missing (due to caries/periodontal disease)	
	3966	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2199-2200 DEPCT7		Coronal tooth calls: upper left 2nd molar		
	10	00	Tooth present but excluded	
	7450	04	Unerupted tooth	
	7322	05	Sound permanent	
	883	07	Decayed permanent	
	4984	08	Filled permanent	
	560	09	Full crown coverage	
	1985	10	Missing (due to caries/periodontal disease)	
	3566	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	27	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2201 DEP3M1		Coronal tooth calls: upper left 3rd molar		
	5044	1	Present	
	11778	2	Absent	
	14489	Blank		
2202-2203 DEPCT8		Coronal tooth calls: upper right central incisor		
	489	00	Tooth present but excluded	
	3988	01	Sound deciduous or primary tooth	
	463	02	Decayed deciduous or primary tooth	
	88	03	Filled deciduous or primary tooth	
	209	04	Unerupted tooth	
	14400	05	Sound permanent	
	775	07	Decayed permanent	
	1713	08	Filled permanent	
	455	09	Full crown coverage	
	400	10	Missing (due to caries/periodontal disease)	
	3452	11	Replacement for missing tooth (due to caries/periodontal disease)	
	59	12	Missing (due to orthodontic or non-disease)	
	306	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2204-2205 DEPCT9		Coronal tooth calls: upper right lateral incisor		
	336	00	Tooth present but excluded	
	4683	01	Sound deciduous or primary tooth	
	295	02	Decayed deciduous or primary tooth	
	58	03	Filled deciduous or primary tooth	
	400	04	Unerupted tooth	
	13955	05	Sound permanent	
	757	07	Decayed permanent	
	1712	08	Filled permanent	
	438	09	Full crown coverage	
	414	10	Missing (due to caries/periodontal disease)	
	3497	11	Replacement for missing tooth (due to caries/periodontal disease)	
	78	12	Missing (due to orthodontic or non-disease)	
	174	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2206-2207 DEPCT10		Coronal tooth calls: upper right cuspid		
	178	00	Tooth present but excluded	
	6603	01	Sound deciduous or primary tooth	
	148	02	Decayed deciduous or primary tooth	
	37	03	Filled deciduous or primary tooth	
	185	04	Unerupted tooth	
	13692	05	Sound permanent	
	540	07	Decayed permanent	
	1358	08	Filled permanent	
	405	09	Full crown coverage	
	386	10	Missing (due to caries/periodontal disease)	
	3135	11	Replacement for missing tooth (due to caries/periodontal disease)	
	62	12	Missing (due to orthodontic or non-disease)	
	68	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2208-2209 DEPCT11		Coronal tooth calls: upper right 1st bicuspid		
	11	00	Tooth present but excluded	
	5621	01	Sound deciduous or primary tooth	
	401	02	Decayed deciduous or primary tooth	
	340	03	Filled deciduous or primary tooth	
	141	04	Unerupted tooth	
	10794	05	Sound permanent	
	590	07	Decayed permanent	
	2920	08	Filled permanent	
	653	09	Full crown coverage	
	1006	10	Missing (due to caries/periodontal disease)	
	3718	11	Replacement for missing tooth (due to caries/periodontal disease)	
	559	12	Missing (due to orthodontic or non-disease)	
	43	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2210-2211 DEPCT12		Coronal tooth calls: upper right 2nd bicuspid		
	6	00	Tooth present but excluded	
	5303	01	Sound deciduous or primary tooth	
	616	02	Decayed deciduous or primary tooth	
	675	03	Filled deciduous or primary tooth	
	446	04	Unerupted tooth	
	9930	05	Sound permanent	
	570	07	Decayed permanent	
	3226	08	Filled permanent	
	755	09	Full crown coverage	
	1403	10	Missing (due to caries/periodontal disease)	
	3811	11	Replacement for missing tooth (due to caries/periodontal disease)	
	21	12	Missing (due to orthodontic or non-disease)	
	35	13	Replacement for missing tooth (due to orthodontic or non- disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2212-2213 DEPCT13		Coronal tooth calls: upper right 1st molar		
	8	00	Tooth present but excluded	
	4357	04	Unerupted tooth	
	8283	05	Sound permanent	
	1054	07	Decayed permanent	
	6102	08	Filled permanent	
	684	09	Full crown coverage	
	2322	10	Missing (due to caries/periodontal disease)	
	3951	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	29	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2214-2215 DEPCT14		Coronal tooth calls: upper right 2nd molar		
	6	00	Tooth present but excluded	
	7476	04	Unerupted tooth	
	7274	05	Sound permanent	
	861	07	Decayed permanent	
	5158	08	Filled permanent	
	505	09	Full crown coverage	
	1930	10	Missing (due to caries/periodontal disease)	
	3552	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	28	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2216 DEP3M2		Coronal tooth calls: upper right 3rd molar		
	5096	1	Present	
	11726	2	Absent	
	14489	Blank		
2217-2218 DEPCT15		Coronal tooth calls: lower left central incisor		
	64	00	Tooth present but excluded	
	4123	01	Sound deciduous or primary tooth	
	14	02	Decayed deciduous or primary tooth	
	3	03	Filled deciduous or primary tooth	
	44	04	Unerupted tooth	
	19006	05	Sound permanent	
	176	07	Decayed permanent	
	248	08	Filled permanent	
	66	09	Full crown coverage	
	506	10	Missing (due to caries/periodontal disease)	
	2423	11	Replacement for missing tooth (due to caries/periodontal disease)	
	62	12	Missing (due to orthodontic or non-disease)	
	62	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2219-2220 DEPCT16		Coronal tooth calls: lower left lateral incisor		
	52	00	Tooth present but excluded	
	4700	01	Sound deciduous or primary tooth	
	16	02	Decayed deciduous or primary tooth	
	2	03	Filled deciduous or primary tooth	
	166	04	Unerupted tooth	
	18396	05	Sound permanent	
	228	07	Decayed permanent	
	332	08	Filled permanent	
	84	09	Full crown coverage	
	419	10	Missing (due to caries/periodontal disease)	
	2302	11	Replacement for missing tooth (due to caries/periodontal disease)	
	52	12	Missing (due to orthodontic or non-disease)	
	48	13	Replacement for missing tooth (due to orthodontic or non- disease)	
	4514	Blank		
2221-2222 DEPCT17		Coronal tooth calls: lower left cuspid		
	59	00	Tooth present but excluded	
	6148	01	Sound deciduous or primary tooth	
	102	02	Decayed deciduous or primary tooth	
	49	03	Filled deciduous or primary tooth	
	185	04	Unerupted tooth	
	16710	05	Sound permanent	
	328	07	Decayed permanent	
	651	08	Filled permanent	
	208	09	Full crown coverage	
	317	10	Missing (due to caries/periodontal disease)	
	1992	11	Replacement for missing tooth (due to caries/periodontal disease)	
	26	12	Missing (due to orthodontic or non-disease)	
	22	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2223-2224 DEPCT18		Coronal tooth calls: lower left 1st bicuspid		
	15	00	Tooth present but excluded	
	5363	01	Sound deciduous or primary tooth	
	536	02	Decayed deciduous or primary tooth	
	504	03	Filled deciduous or primary tooth	
	159	04	Unerupted tooth	
	13735	05	Sound permanent	
	452	07	Decayed permanent	
	2132	08	Filled permanent	
	411	09	Full crown coverage	
	651	10	Missing (due to caries/periodontal disease)	
	2386	11	Replacement for missing tooth (due to caries/periodontal disease)	
	438	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4514	Blank		
2225-2226 DEPCT19		Coronal tooth calls: lower left 2nd bicuspid		
	10	00	Tooth present but excluded	
	5347	01	Sound deciduous or primary tooth	
	629	02	Decayed deciduous or primary tooth	
	734	03	Filled deciduous or primary tooth	
	366	04	Unerupted tooth	
	10938	05	Sound permanent	
	534	07	Decayed permanent	
	3313	08	Filled permanent	
	714	09	Full crown coverage	
	1317	10	Missing (due to caries/periodontal disease)	
	2847	11	Replacement for missing tooth (due to caries/periodontal disease)	
	28	12	Missing (due to orthodontic or non-disease)	
	20	13	Replacement for missing tooth (due to orthodontic or non- disease)	
	4514	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2227-2228 DEPCT20		Coronal tooth calls: lower left 1st molar		
	9	00	Tooth present but excluded	
	4235	04	Unerupted tooth	
	7171	05	Sound permanent	
	1189	07	Decayed permanent	
	5405	08	Filled permanent	
	1054	09	Full crown coverage	
	4126	10	Missing (due to caries/periodontal disease)	
	3582	11	Replacement for missing tooth (due to caries/periodontal disease)	
	9	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2229-2230 DEPCT21		Coronal tooth calls: lower left 2nd molar		
	12	00	Tooth present but excluded	
	7200	04	Unerupted tooth	
	5958	05	Sound permanent	
	1204	07	Decayed permanent	
	5155	08	Filled permanent	
	879	09	Full crown coverage	
	3196	10	Missing (due to caries/periodontal disease)	
	3167	11	Replacement for missing tooth (due to caries/periodontal disease)	
	10	12	Missing (due to orthodontic or non-disease)	
	15	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2231 DEP3M3		Coronal tooth calls: lower left 3rd molar		
	5567	1	Present	
	11254	2	Absent	
	14490	Blank		
2232-2233 DEPCT22		Coronal tooth calls: lower right central incisor		
	60	00	Tooth present but excluded	
	4100	01	Sound deciduous or primary tooth	
	16	02	Decayed deciduous or primary tooth	
	3	03	Filled deciduous or primary tooth	
	46	04	Unerupted tooth	
	19003	05	Sound permanent	
	168	07	Decayed permanent	
	259	08	Filled permanent	
	72	09	Full crown coverage	
	525	10	Missing (due to caries/periodontal disease)	
	2417	11	Replacement for missing tooth (due to caries/periodontal disease)	
	71	12	Missing (due to orthodontic or non-disease)	
	56	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2234-2235 DEPCT23		Coronal tooth calls: lower right lateral incisor		
	60	00	Tooth present but excluded	
	4701	01	Sound deciduous or primary tooth	
	20	02	Decayed deciduous or primary tooth	
	1	03	Filled deciduous or primary tooth	
	151	04	Unerupted tooth	
	18409	05	Sound permanent	
	237	07	Decayed permanent	
	333	08	Filled permanent	
	80	09	Full crown coverage	
	404	10	Missing (due to caries/periodontal disease)	
	2306	11	Replacement for missing tooth (due to caries/periodontal disease)	
	50	12	Missing (due to orthodontic or non-disease)	
	44	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2236-2237 DEPCT24		Coronal tooth calls: lower right cuspid		
	57	00	Tooth present but excluded	
	6141	01	Sound deciduous or primary tooth	
	102	02	Decayed deciduous or primary tooth	
	35	03	Filled deciduous or primary tooth	
	204	04	Unerupted tooth	
	16678	05	Sound permanent	
	366	07	Decayed permanent	
	682	08	Filled permanent	
	214	09	Full crown coverage	
	301	10	Missing (due to caries/periodontal disease)	
	1978	11	Replacement for missing tooth (due to caries/periodontal disease)	
	18	12	Missing (due to orthodontic or non-disease)	
	20	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2238-2239 DEPCT25		Coronal tooth calls: lower right 1st bicuspid		
	15	00	Tooth present but excluded	
	5350	01	Sound deciduous or primary tooth	
	534	02	Decayed deciduous or primary tooth	
	497	03	Filled deciduous or primary tooth	
	147	04	Unerupted tooth	
	13683	05	Sound permanent	
	460	07	Decayed permanent	
	2184	08	Filled permanent	
	409	09	Full crown coverage	
	660	10	Missing (due to caries/periodontal disease)	
	2395	11	Replacement for missing tooth (due to caries/periodontal disease)	
	445	12	Missing (due to orthodontic or non-disease)	
	17	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2240-2241 DEPCT26		Coronal tooth calls: lower right 2nd bicuspid		
	8	00	Tooth present but excluded	
	5336	01	Sound deciduous or primary tooth	
	625	02	Decayed deciduous or primary tooth	
	720	03	Filled deciduous or primary tooth	
	392	04	Unerupted tooth	
	10863	05	Sound permanent	
	532	07	Decayed permanent	
	3289	08	Filled permanent	
	720	09	Full crown coverage	
	1422	10	Missing (due to caries/periodontal disease)	
	2841	11	Replacement for missing tooth (due to caries/periodontal disease)	
	27	12	Missing (due to orthodontic or non-disease)	
	21	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2242-2243 DEPCT27		Coronal tooth calls: lower right 1st molar		
	8	00	Tooth present but excluded	
	4262	04	Unerupted tooth	
	7219	05	Sound permanent	
	1184	07	Decayed permanent	
	5599	08	Filled permanent	
	977	09	Full crown coverage	
	3975	10	Missing (due to caries/periodontal disease)	
	3547	11	Replacement for missing tooth (due to caries/periodontal disease)	
	7	12	Missing (due to orthodontic or non-disease)	
	18	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		
2244-2245 DEPCT28		Coronal tooth calls: lower right 2nd molar		
	13	00	Tooth present but excluded	
	7212	04	Unerupted tooth	
	6008	05	Sound permanent	
	1101	07	Decayed permanent	
	5266	08	Filled permanent	
	804	09	Full crown coverage	
	3186	10	Missing (due to caries/periodontal disease)	
	3182	11	Replacement for missing tooth (due to caries/periodontal disease)	
	8	12	Missing (due to orthodontic or non-disease)	
	16	13	Replacement for missing tooth (due to orthodontic or non-disease)	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2246		Coronal tooth calls: lower right 3rd molar		
DEP3M4	5655	1	Present	
	11166	2	Absent	
	14490	Blank		
		SEALANTS		
2247		Sealant: upper left central incisor		See note
DEPSE1	26797	2	Not eligible for sealants	
	4514	Blank		
2248		Sealant: upper left lateral incisor		See note
DEPSE2	21485	0	No sealant	
	4	1	Sealant present	
	5308	2	Not eligible for sealants	
	4514	Blank		
2249		Sealant: upper left cuspid		See note
DEPSE3	26797	2	Not eligible for sealants	
	4514	Blank		
2250		Sealant: upper left 1st bicuspid		See note
DEPSE4	20612	0	No sealant	
	85	1	Sealant present	
	6100	2	Not eligible for sealants	
	4514	Blank		
2251		Sealant: upper left 2nd bicuspid		See note
DEPSE5	20211	0	No sealant	
	102	1	Sealant present	
	6484	2	Not eligible for sealants	
	4514	Blank		
2252		Sealant: upper left 1st molar		See note
DEPSE6	14839	0	No sealant	
	568	1	Sealant present	
	11390	2	Not eligible for sealants	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2253		Sealant: upper left 2nd molar		See note
DEPSE7	12986	0	No sealant	
	203	1	Sealant present	
	13608	2	Not eligible for sealants	
	4514	Blank		
2254		Sealant: upper right central incisor		See note
DEPSE8	26797	2	Not eligible for sealants	
	4514	Blank		
2255		Sealant: upper right lateral incisor		See note
DEPSE9	21456	0	No sealant	
	4	1	Sealant present	
	5337	2	Not eligible for sealants	
	4514	Blank		
2256		Sealant: upper right cuspid		See note
DEPSE10	26797	2	Not eligible for sealants	
	4514	Blank		
2257		Sealant: upper right 1st bicuspid		See note
DEPSE11	20581	0	No sealant	
	85	1	Sealant present	
	6131	2	Not eligible for sealants	
	4514	Blank		
2258		Sealant: upper right 2nd bicuspid		See note
DEPSE12	20208	0	No sealant	
	112	1	Sealant present	
	6477	2	Not eligible for sealants	
	4514	Blank		
2259		Sealant: upper right 1st molar		See note
DEPSE13	14860	0	No sealant	
	579	1	Sealant present	
	11358	2	Not eligible for sealants	
	4514	Blank		

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DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2260		Sealant: upper right 2nd molar		See note
DEPSE14	13077	0	No sealant	
	216	1	Sealant present	
	13504	2	Not eligible for sealants	
	4514	Blank		
2261		Sealant: lower left central incisor		See note
DEPSE15	26797	2	Not eligible for sealants	
	4514	Blank		
2262		Sealant: lower left lateral incisor		See note
DEPSE16	26797	2	Not eligible for sealants	
	4514	Blank		
2263		Sealant: lower left cuspid		See note
DEPSE17	26797	2	Not eligible for sealants	
	4514	Blank		
2264		Sealant: lower left 1st bicuspid		See note
DEPSE18	22633	0	No sealant	
	89	1	Sealant present	
	4075	2	Not eligible for sealants	
	4514	Blank		
2265		Sealant: lower left 2nd bicuspid		See note
DEPSE19	21374	0	No sealant	
	121	1	Sealant present	
	5302	2	Not eligible for sealants	
	4514	Blank		
2266		Sealant: lower left 1st molar		See note
DEPSE20	13202	0	No sealant	
	563	1	Sealant present	
	13031	2	Not eligible for sealants	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2267		Sealant: lower left 2nd molar		See note
DEPSE21	12108	0	No sealant	
	209	1	Sealant present	
	14479	2	Not eligible for sealants	
	4515	Blank		
2268		Sealant: lower right central incisor		See note
DEPSE22	26796	2	Not eligible for sealants	
	4515	Blank		
2269		Sealant: lower right lateral incisor		See note
DEPSE23	26796	2	Not eligible for sealants	
	4515	Blank		
2270		Sealant: lower right cuspid		See note
DEPSE24	26796	2	Not eligible for sealants	
	4515	Blank		
2271		Sealant: lower right 1st bicuspid		See note
DEPSE25	22621	0	No sealant	
	87	1	Sealant present	
	4088	2	Not eligible for sealants	
	4515	Blank		
2272		Sealant: lower right 2nd bicuspid		See note
DEPSE26	21255	0	No sealant	
	110	1	Sealant present	
	5431	2	Not eligible for sealants	
	4515	Blank		
2273		Sealant: lower right 1st molar		See note
DEPSE27	13402	0	No sealant	
	600	1	Sealant present	
	12794	2	Not eligible for sealants	
	4515	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2274		Sealant: lower right 2nd molar		See note
DEPSE28	12158	0	No sealant	
	217	1	Sealant present	
	14421	2	Not eligible for sealants	
	4515	Blank		
		ROOT CARIES, SURFACES		
2275		Root caries, surfaces: upper left		
DEPRS1		central incisor, lingual surface		
	11682	0	Sound surface	
	86	1	Caries	
	1	2	Filled	
	2950	8	Not present	
	772	9	Could not be assessed	
	15820	Blank		
2276		Root caries, surfaces: upper left		
DEPRS2		central incisor, buccal surface		
	11553	0	Sound surface	
	142	1	Caries	
	74	2	Filled	
	2950	8	Not present	
	772	9	Could not be assessed	
	15820	Blank		
2277		Root caries, surfaces: upper left		
DEPRS3		central incisor, mesial surface		
	11645	0	Sound surface	
	114	1	Caries	
	10	2	Filled	
	2950	8	Not present	
	772	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
	2278	Root caries, surfaces: upper left		
DEPRS4		central incisor, distal surface		
	11628	0	Sound surface	
	131	1	Caries	
	10	2	Filled	
	2950	8	Not present	
	772	9	Could not be assessed	
	15820	Blank		
	2279	Root caries, surfaces: upper left		
DEPRS5		lateral incisor, lingual surface		
	11563	0	Sound surface	
	115	1	Caries	
	5	2	Filled	
	3042	8	Not present	
	766	9	Could not be assessed	
	15820	Blank		
	2280	Root caries, surfaces: upper left		
DEPRS6		lateral incisor, buccal surface		
	11466	0	Sound surface	
	159	1	Caries	
	58	2	Filled	
	3042	8	Not present	
	766	9	Could not be assessed	
	15820	Blank		
	2281	Root caries, surfaces: upper left		
DEPRS7		lateral incisor, mesial surface		
	11505	0	Sound surface	
	165	1	Caries	
	13	2	Filled	
	3042	8	Not present	
	766	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2282		Root caries, surfaces: upper left		
DEPRS8		lateral incisor, distal surface		
	11524	0	Sound surface	
	144	1	Caries	
	15	2	Filled	
	3042	8	Not present	
	766	9	Could not be assessed	
	15820	Blank		
2283		Root caries, surfaces: upper left cuspid,		
DEPRS9		lingual surface		
	12045	0	Sound surface	
	117	1	Caries	
	10	2	Filled	
	2485	8	Not present	
	834	9	Could not be assessed	
	15820	Blank		
2284		Root caries, surfaces: upper left cuspid,		
DEPRS10		buccal surface		
	11814	0	Sound surface	
	190	1	Caries	
	168	2	Filled	
	2485	8	Not present	
	834	9	Could not be assessed	
	15820	Blank		
2285		Root caries, surfaces: upper left cuspid,		
DEPRS11		mesial surface		
	12008	0	Sound surface	
	154	1	Caries	
	10	2	Filled	
	2485	8	Not present	
	834	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2286		Root caries, surfaces: upper left cuspid,		
DEPRS12		distal surface		
	11994	0	Sound surface	
	150	1	Caries	
	28	2	Filled	
	2485	8	Not present	
	834	9	Could not be assessed	
	15820	Blank		
2287		Root caries, surfaces: upper left 1st		
DEPRS13		bicuspid, lingual surface		
	10570	0	Sound surface	
	188	1	Caries	
	10	2	Filled	
	3930	8	Not present	
	793	9	Could not be assessed	
	15820	Blank		
2288		Root caries, surfaces: upper left 1st		
DEPRS14		bicuspid, buccal surface		
	10430	0	Sound surface	
	222	1	Caries	
	116	2	Filled	
	3930	8	Not present	
	793	9	Could not be assessed	
	15820	Blank		
2289		Root caries, surfaces: upper left 1st		
DEPRS15		bicuspid, mesial surface		
	10549	0	Sound surface	
	210	1	Caries	
	9	2	Filled	
	3930	8	Not present	
	793	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2290		Root caries, surfaces: upper left 1st		
DEPRS16		bicuspid, distal surface		
	10540	0	Sound surface	
	219	1	Caries	
	9	2	Filled	
	3930	8	Not present	
	793	9	Could not be assessed	
	15820	Blank		
2291		Root caries, surfaces: upper left 2nd		
DEPRS17		bicuspid, lingual surface		
	10597	0	Sound surface	
	147	1	Caries	
	6	2	Filled	
	3954	8	Not present	
	787	9	Could not be assessed	
	15820	Blank		
2292		Root caries, surfaces: upper left 2nd		
DEPRS18		bicuspid, buccal surface		
	10539	0	Sound surface	
	154	1	Caries	
	57	2	Filled	
	3954	8	Not present	
	787	9	Could not be assessed	
	15820	Blank		
2293		Root caries, surfaces: upper left 2nd		
DEPRS19		bicuspid, mesial surface		
	10573	0	Sound surface	
	171	1	Caries	
	6	2	Filled	
	3954	8	Not present	
	787	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2294		Root caries, surfaces: upper left 2nd		
DEPRS20		bicuspid, distal surface		
	10568	0	Sound surface	
	171	1	Caries	
	11	2	Filled	
	3954	8	Not present	
	787	9	Could not be assessed	
	15820	Blank		
2295		Root caries, surfaces: upper left 1st		
DEPRS21		molar, lingual surface		
	9586	0	Sound surface	
	212	1	Caries	
	37	2	Filled	
	4848	8	Not present	
	808	9	Could not be assessed	
	15820	Blank		
2296		Root caries, surfaces: upper left 1st		
DEPRS22		molar, buccal surface		
	9628	0	Sound surface	
	169	1	Caries	
	38	2	Filled	
	4848	8	Not present	
	808	9	Could not be assessed	
	15820	Blank		
2297		Root caries, surfaces: upper left 1st		
DEPRS23		molar, mesial surface		
	9629	0	Sound surface	
	201	1	Caries	
	5	2	Filled	
	4848	8	Not present	
	808	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2298		Root caries, surfaces: upper left 1st		
DEPRS24		molar, distal surface		
	9644	0	Sound surface	
	180	1	Caries	
	11	2	Filled	
	4848	8	Not present	
	808	9	Could not be assessed	
	15820	Blank		
2299		Root caries, surfaces: upper left 2nd		
DEPRS25		molar, lingual surface		
	10340	0	Sound surface	
	112	1	Caries	
	9	2	Filled	
	4180	8	Not present	
	850	9	Could not be assessed	
	15820	Blank		
2300		Root caries, surfaces: upper left 2nd		
DEPRS26		molar, buccal surface		
	10321	0	Sound surface	
	111	1	Caries	
	29	2	Filled	
	4180	8	Not present	
	850	9	Could not be assessed	
	15820	Blank		
2301		Root caries, surfaces: upper left 2nd		
DEPRS27		molar, mesial surface		
	10394	0	Sound surface	
	61	1	Caries	
	6	2	Filled	
	4180	8	Not present	
	850	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2302		Root caries, surfaces: upper left 2nd		
DEPRS28		molar, distal surface		
	10347	0	Sound surface	
	104	1	Caries	
	10	2	Filled	
	4180	8	Not present	
	850	9	Could not be assessed	
	15820	Blank		
2303		Root caries, surfaces: upper right		
DEPRS29		central incisor, lingual surface		
	11610	0	Sound surface	
	58	1	Caries	
	3	2	Filled	
	2951	8	Not present	
	869	9	Could not be assessed	
	15820	Blank		
2304		Root caries, surfaces: upper right		
DEPRS30		central incisor, buccal surface		
	11539	0	Sound surface	
	87	1	Caries	
	45	2	Filled	
	2951	8	Not present	
	869	9	Could not be assessed	
	15820	Blank		
2305		Root caries, surfaces: upper right		
DEPRS31		central incisor, mesial surface		
	11592	0	Sound surface	
	73	1	Caries	
	6	2	Filled	
	2951	8	Not present	
	869	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2306		Root caries, surfaces: upper right		
DEPRS32		central incisor, distal surface		
	11575	0	Sound surface	
	86	1	Caries	
	10	2	Filled	
	2951	8	Not present	
	869	9	Could not be assessed	
	15820	Blank		
2307		Root caries, surfaces: upper right		
DEPRS33		lateral incisor, lingual surface		
	11530	0	Sound surface	
	70	1	Caries	
	3012	8	Not present	
	879	9	Could not be assessed	
	15820	Blank		
2308		Root caries, surfaces: upper right		
DEPRS34		lateral incisor, buccal surface		
	11452	0	Sound surface	
	113	1	Caries	
	35	2	Filled	
	3012	8	Not present	
	879	9	Could not be assessed	
	15820	Blank		
2309		Root caries, surfaces: upper right		
DEPRS35		lateral incisor, mesial surface		
	11488	0	Sound surface	
	104	1	Caries	
	8	2	Filled	
	3012	8	Not present	
	879	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2310		Root caries, surfaces: upper right		
DEPRS36		lateral incisor, distal surface		
	11507	0	Sound surface	
	91	1	Caries	
	2	2	Filled	
	3012	8	Not present	
	879	9	Could not be assessed	
	15820	Blank		
2311		Root caries, surfaces: upper right		
DEPRS37		cuspid, lingual surface		
	11984	0	Sound surface	
	94	1	Caries	
	6	2	Filled	
	2498	8	Not present	
	909	9	Could not be assessed	
	15820	Blank		
2312		Root caries, surfaces: upper right		
DEPRS38		cuspid, buccal surface		
	11808	0	Sound surface	
	151	1	Caries	
	125	2	Filled	
	2498	8	Not present	
	909	9	Could not be assessed	
	15820	Blank		
2313		Root caries, surfaces: upper right		
DEPRS39		cuspid, mesial surface		
	11939	0	Sound surface	
	128	1	Caries	
	17	2	Filled	
	2498	8	Not present	
	909	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2314		Root caries, surfaces: upper right		
DEPRS40		cuspid, distal surface		
	11946	0	Sound surface	
	118	1	Caries	
	20	2	Filled	
	2498	8	Not present	
	909	9	Could not be assessed	
	15820	Blank		
2315		Root caries, surfaces: upper right 1st		
DEPRS41		bicuspid, lingual surface		
	10672	0	Sound surface	
	184	1	Caries	
	7	2	Filled	
	3899	8	Not present	
	729	9	Could not be assessed	
	15820	Blank		
2316		Root caries, surfaces: upper right 1st		
DEPRS42		bicuspid, buccal surface		
	10498	0	Sound surface	
	234	1	Caries	
	131	2	Filled	
	3899	8	Not present	
	729	9	Could not be assessed	
	15820	Blank		
2317		Root caries, surfaces: upper right 1st		
DEPRS43		bicuspid, mesial surface		
	10632	0	Sound surface	
	219	1	Caries	
	12	2	Filled	
	3899	8	Not present	
	729	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2318		Root caries, surfaces: upper right 1st		
DEPRS44		bicuspid, distal surface		
	10623	0	Sound surface	
	231	1	Caries	
	9	2	Filled	
	3899	8	Not present	
	729	9	Could not be assessed	
	15820	Blank		
2319		Root caries, surfaces: upper right 2nd		
DEPRS45		bicuspid, lingual surface		
	10648	0	Sound surface	
	179	1	Caries	
	4	2	Filled	
	3928	8	Not present	
	732	9	Could not be assessed	
	15820	Blank		
2320		Root caries, surfaces: upper right 2nd		
DEPRS46		bicuspid, buccal surface		
	10587	0	Sound surface	
	165	1	Caries	
	79	2	Filled	
	3928	8	Not present	
	732	9	Could not be assessed	
	15820	Blank		
2321		Root caries, surfaces: upper right 2nd		
DEPRS47		bicuspid, mesial surface		
	10616	0	Sound surface	
	210	1	Caries	
	5	2	Filled	
	3928	8	Not present	
	732	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2322 DEPRS48		Root caries, surfaces: upper right 2nd bicuspid, distal surface		
	10603	0	Sound surface	
	216	1	Caries	
	12	2	Filled	
	3928	8	Not present	
	732	9	Could not be assessed	
	15820	Blank		
2323 DEPRS49		Root caries, surfaces: upper right 1st molar, lingual surface		
	9629	0	Sound surface	
	252	1	Caries	
	25	2	Filled	
	4851	8	Not present	
	734	9	Could not be assessed	
	15820	Blank		
2324 DEPRS50		Root caries, surfaces: upper right 1st molar, buccal surface		
	9641	0	Sound surface	
	204	1	Caries	
	61	2	Filled	
	4851	8	Not present	
	734	9	Could not be assessed	
	15820	Blank		
2325 DEPRS51		Root caries, surfaces: upper right 1st molar, mesial surface		
	9667	0	Sound surface	
	235	1	Caries	
	4	2	Filled	
	4851	8	Not present	
	734	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2326		Root caries, surfaces: upper right 1st		
DEPRS52		molar, distal surface		
	9688	0	Sound surface	
	210	1	Caries	
	8	2	Filled	
	4851	8	Not present	
	734	9	Could not be assessed	
	15820	Blank		
2327		Root caries, surfaces: upper right 2nd		
DEPRS53		molar, lingual surface		
	10389	0	Sound surface	
	211	1	Caries	
	22	2	Filled	
	4136	8	Not present	
	733	9	Could not be assessed	
	15820	Blank		
2328		Root caries, surfaces: upper right 2nd		
DEPRS54		molar, buccal surface		
	10392	0	Sound surface	
	178	1	Caries	
	52	2	Filled	
	4136	8	Not present	
	733	9	Could not be assessed	
	15820	Blank		
2329		Root caries, surfaces: upper right 2nd		
DEPRS55		molar, mesial surface		
	10423	0	Sound surface	
	181	1	Caries	
	18	2	Filled	
	4136	8	Not present	
	733	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2330 DEPRS56		Root caries, surfaces: upper right 2nd molar, distal surface		
	10402	0	Sound surface	
	208	1	Caries	
	12	2	Filled	
	4136	8	Not present	
	733	9	Could not be assessed	
	15820	Blank		
2331 DEPRS57		Root caries, surfaces: lower left central incisor, lingual surface		
	12790	0	Sound surface	
	24	1	Caries	
	2	2	Filled	
	1943	8	Not present	
	732	9	Could not be assessed	
	15820	Blank		
2332 DEPRS58		Root caries, surfaces: lower left central incisor, buccal surface		
	12741	0	Sound surface	
	47	1	Caries	
	28	2	Filled	
	1943	8	Not present	
	732	9	Could not be assessed	
	15820	Blank		
2333 DEPRS59		Root caries, surfaces: lower left central incisor, mesial surface		
	12773	0	Sound surface	
	41	1	Caries	
	2	2	Filled	
	1943	8	Not present	
	732	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2334		Root caries, surfaces: lower left		
DEPRS60		central incisor, distal surface		
	12774	0	Sound surface	
	38	1	Caries	
	4	2	Filled	
	1943	8	Not present	
	732	9	Could not be assessed	
	15820	Blank		
2335		Root caries, surfaces: lower left		
DEPRS61		lateral incisor, lingual surface		
	12961	0	Sound surface	
	40	1	Caries	
	2	2	Filled	
	1754	8	Not present	
	734	9	Could not be assessed	
	15820	Blank		
2336		Root caries, surfaces: lower left		
DEPRS62		lateral incisor, buccal surface		
	12896	0	Sound surface	
	69	1	Caries	
	38	2	Filled	
	1754	8	Not present	
	734	9	Could not be assessed	
	15820	Blank		
2337		Root caries, surfaces: lower left		
DEPRS63		lateral incisor, mesial surface		
	12947	0	Sound surface	
	52	1	Caries	
	4	2	Filled	
	1754	8	Not present	
	734	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2338		Root caries, surfaces: lower left		
DEPRS64		lateral incisor, distal surface		
	12928	0	Sound surface	
	70	1	Caries	
	5	2	Filled	
	1754	8	Not present	
	734	9	Could not be assessed	
	15820	Blank		
2339		Root caries, surfaces: lower left cuspid,		
DEPRS65		lingual surface		
	13355	0	Sound surface	
	59	1	Caries	
	11	2	Filled	
	1329	8	Not present	
	737	9	Could not be assessed	
	15820	Blank		
2340		Root caries, surfaces: lower left cuspid,		
DEPRS66		buccal surface		
	13111	0	Sound surface	
	159	1	Caries	
	155	2	Filled	
	1329	8	Not present	
	737	9	Could not be assessed	
	15820	Blank		
2341		Root caries, surfaces: lower left cuspid,		
DEPRS67		mesial surface		
	13320	0	Sound surface	
	83	1	Caries	
	22	2	Filled	
	1329	8	Not present	
	737	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2342		Root caries, surfaces: lower left cuspid,		
DEPRS68		distal surface		
	13325	0	Sound surface	
	83	1	Caries	
	17	2	Filled	
	1329	8	Not present	
	737	9	Could not be assessed	
	15820	Blank		
2343		Root caries, surfaces: lower left 1st		
DEPRS69		bicuspid, lingual surface		
	12351	0	Sound surface	
	114	1	Caries	
	6	2	Filled	
	2279	8	Not present	
	741	9	Could not be assessed	
	15820	Blank		
2344		Root caries, surfaces: lower left 1st		
DEPRS70		bicuspid, buccal surface		
	11920	0	Sound surface	
	273	1	Caries	
	278	2	Filled	
	2279	8	Not present	
	741	9	Could not be assessed	
	15820	Blank		
2345		Root caries, surfaces: lower left 1st		
DEPRS71		bicuspid, mesial surface		
	12335	0	Sound surface	
	131	1	Caries	
	5	2	Filled	
	2279	8	Not present	
	741	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2346 DEPRS72		Root caries, surfaces: lower left 1st bicuspid, distal surface		
	12267	0	Sound surface	
	173	1	Caries	
	31	2	Filled	
	2279	8	Not present	
	741	9	Could not be assessed	
	15820	Blank		
2347 DEPRS73		Root caries, surfaces: lower left 2nd bicuspid, lingual surface		
	11584	0	Sound surface	
	141	1	Caries	
	7	2	Filled	
	3021	8	Not present	
	738	9	Could not be assessed	
	15820	Blank		
2348 DEPRS74		Root caries, surfaces: lower left 2nd bicuspid, buccal surface		
	11353	0	Sound surface	
	214	1	Caries	
	165	2	Filled	
	3021	8	Not present	
	738	9	Could not be assessed	
	15820	Blank		
2349 DEPRS75		Root caries, surfaces: lower left 2nd bicuspid, mesial surface		
	11573	0	Sound surface	
	148	1	Caries	
	11	2	Filled	
	3021	8	Not present	
	738	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2350		Root caries, surfaces: lower left 2nd		
DEPRS76		bicuspid, distal surface		
	11512	0	Sound surface	
	183	1	Caries	
	37	2	Filled	
	3021	8	Not present	
	738	9	Could not be assessed	
	15820	Blank		
2351		Root caries, surfaces: lower left 1st		
DEPRS77		molar, lingual surface		
	8389	0	Sound surface	
	236	1	Caries	
	7	2	Filled	
	6128	8	Not present	
	731	9	Could not be assessed	
	15820	Blank		
2352		Root caries, surfaces: lower left 1st		
DEPRS78		molar, buccal surface		
	8281	0	Sound surface	
	258	1	Caries	
	93	2	Filled	
	6128	8	Not present	
	731	9	Could not be assessed	
	15820	Blank		
2353		Root caries, surfaces: lower left 1st		
DEPRS79		molar, mesial surface		
	8415	0	Sound surface	
	214	1	Caries	
	3	2	Filled	
	6128	8	Not present	
	731	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2354		Root caries, surfaces: lower left 1st		
DEPRS80		molar, distal surface		
	8383	0	Sound surface	
	247	1	Caries	
	2	2	Filled	
	6128	8	Not present	
	731	9	Could not be assessed	
	15820	Blank		
2355		Root caries, surfaces: lower left 2nd		
DEPRS81		molar, lingual surface		
	9660	0	Sound surface	
	171	1	Caries	
	9	2	Filled	
	4915	8	Not present	
	736	9	Could not be assessed	
	15820	Blank		
2356		Root caries, surfaces: lower left 2nd		
DEPRS82		molar, buccal surface		
	9524	0	Sound surface	
	211	1	Caries	
	105	2	Filled	
	4915	8	Not present	
	736	9	Could not be assessed	
	15820	Blank		
2357		Root caries, surfaces: lower left 2nd		
DEPRS83		molar, mesial surface		
	9682	0	Sound surface	
	149	1	Caries	
	9	2	Filled	
	4915	8	Not present	
	736	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2358		Root caries, surfaces: lower left 2nd		
DEPRS84		molar, distal surface		
	9673	0	Sound surface	
	165	1	Caries	
	2	2	Filled	
	4915	8	Not present	
	736	9	Could not be assessed	
	15820	Blank		
2359		Root caries, surfaces: lower right		
DEPRS85		central incisor, lingual surface		
	12775	0	Sound surface	
	23	1	Caries	
	1946	8	Not present	
	747	9	Could not be assessed	
	15820	Blank		
2360		Root caries, surfaces: lower right		
DEPRS86		central incisor, buccal surface		
	12730	0	Sound surface	
	41	1	Caries	
	27	2	Filled	
	1946	8	Not present	
	747	9	Could not be assessed	
	15820	Blank		
2361		Root caries, surfaces: lower right		
DEPRS87		central incisor, mesial surface		
	12759	0	Sound surface	
	36	1	Caries	
	3	2	Filled	
	1946	8	Not present	
	747	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2362		Root caries, surfaces: lower right		
DEPRS88		central incisor, distal surface		
	12755	0	Sound surface	
	39	1	Caries	
	4	2	Filled	
	1946	8	Not present	
	747	9	Could not be assessed	
	15820	Blank		
2363		Root caries, surfaces: lower right		
DEPRS89		lateral incisor, lingual surface		
	12955	0	Sound surface	
	45	1	Caries	
	4	2	Filled	
	1740	8	Not present	
	747	9	Could not be assessed	
	15820	Blank		
2364		Root caries, surfaces: lower right		
DEPRS90		lateral incisor, buccal surface		
	12890	0	Sound surface	
	73	1	Caries	
	41	2	Filled	
	1740	8	Not present	
	747	9	Could not be assessed	
	15820	Blank		
2365		Root caries, surfaces: lower right		
DEPRS91		lateral incisor, mesial surface		
	12939	0	Sound surface	
	62	1	Caries	
	3	2	Filled	
	1740	8	Not present	
	747	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code	Notes
2366 DEPRS92		Root caries, surfaces: lower right lateral incisor, distal surface	
	12926	0 Sound surface	
	71	1 Caries	
	7	2 Filled	
	1740	8 Not present	
	747	9 Could not be assessed	
	15820	Blank	
2367 DEPRS93		Root caries, surfaces: lower right cuspid, lingual surface	
	13370	0 Sound surface	
	70	1 Caries	
	7	2 Filled	
	1292	8 Not present	
	752	9 Could not be assessed	
	15820	Blank	
2368 DEPRS94		Root caries, surfaces: lower right cuspid, buccal surface	
	13146	0 Sound surface	
	171	1 Caries	
	130	2 Filled	
	1292	8 Not present	
	752	9 Could not be assessed	
	15820	Blank	
2369 DEPRS95		Root caries, surfaces: lower right cuspid, mesial surface	
	13311	0 Sound surface	
	117	1 Caries	
	19	2 Filled	
	1292	8 Not present	
	752	9 Could not be assessed	
	15820	Blank	

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2370		Root caries, surfaces: lower right		
DEPRS96		cuspid, distal surface		
	13317	0	Sound surface	
	110	1	Caries	
	20	2	Filled	
	1292	8	Not present	
	752	9	Could not be assessed	
	15820	Blank		
2371		Root caries, surfaces: lower right 1st		
DEPRS97		bicuspid, lingual surface		
	12310	0	Sound surface	
	124	1	Caries	
	10	2	Filled	
	2296	8	Not present	
	751	9	Could not be assessed	
	15820	Blank		
2372		Root caries, surfaces: lower right 1st		
DEPRS98		bicuspid, buccal surface		
	11902	0	Sound surface	
	261	1	Caries	
	281	2	Filled	
	2296	8	Not present	
	751	9	Could not be assessed	
	15820	Blank		
2373		Root caries, surfaces: lower right 1st		
DEPRS99		bicuspid, mesial surface		
	12300	0	Sound surface	
	133	1	Caries	
	11	2	Filled	
	2296	8	Not present	
	751	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2374 DEPRS100		Root caries, surfaces: lower right 1st bicuspid, distal surface		
	12246	0	Sound surface	
	173	1	Caries	
	25	2	Filled	
	2296	8	Not present	
	751	9	Could not be assessed	
	15820	Blank		
2375 DEPRS101		Root caries, surfaces: lower right 2nd bicuspid, lingual surface		
	11501	0	Sound surface	
	136	1	Caries	
	12	2	Filled	
	3097	8	Not present	
	745	9	Could not be assessed	
	15820	Blank		
2376 DEPRS102		Root caries, surfaces: lower right 2nd bicuspid, buccal surface		
	11267	0	Sound surface	
	208	1	Caries	
	174	2	Filled	
	3097	8	Not present	
	745	9	Could not be assessed	
	15820	Blank		
2377 DEPRS103		Root caries, surfaces: lower right 2nd bicuspid, mesial surface		
	11496	0	Sound surface	
	143	1	Caries	
	10	2	Filled	
	3097	8	Not present	
	745	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2378		Root caries, surfaces: lower right 2nd		
DEPRS104		bicuspid, distal surface		
	11433	0	Sound surface	
	187	1	Caries	
	29	2	Filled	
	3097	8	Not present	
	745	9	Could not be assessed	
	15820	Blank		
2379		Root caries, surfaces: lower right 1st		
DEPRS105		molar, lingual surface		
	8551	0	Sound surface	
	207	1	Caries	
	14	2	Filled	
	5981	8	Not present	
	738	9	Could not be assessed	
	15820	Blank		
2380		Root caries, surfaces: lower right 1st		
DEPRS106		molar, buccal surface		
	8420	0	Sound surface	
	240	1	Caries	
	112	2	Filled	
	5981	8	Not present	
	738	9	Could not be assessed	
	15820	Blank		
2381		Root caries, surfaces: lower right 1st		
DEPRS107		molar, mesial surface		
	8565	0	Sound surface	
	197	1	Caries	
	10	2	Filled	
	5981	8	Not present	
	738	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2382		Root caries, surfaces: lower right 1st		
DEPRS108		molar, distal surface		
	8555	0	Sound surface	
	210	1	Caries	
	7	2	Filled	
	5981	8	Not present	
	738	9	Could not be assessed	
	15820	Blank		
2383		Root caries, surfaces: lower right 2nd		
DEPRS109		molar, lingual surface		
	9678	0	Sound surface	
	148	1	Caries	
	10	2	Filled	
	4927	8	Not present	
	728	9	Could not be assessed	
	15820	Blank		
2384		Root caries, surfaces: lower right 2nd		
DEPRS110		molar, buccal surface		
	9498	0	Sound surface	
	203	1	Caries	
	135	2	Filled	
	4927	8	Not present	
	728	9	Could not be assessed	
	15820	Blank		
2385		Root caries, surfaces: lower right 2nd		
DEPRS111		molar, mesial surface		
	9690	0	Sound surface	
	138	1	Caries	
	8	2	Filled	
	4927	8	Not present	
	728	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

DENTAL CARIES

Positions SAS name	Counts	Item description and code		Notes
2386 DEPRS112		Root caries, surfaces: lower right 2nd molar, distal surface		
	9677	0	Sound surface	
	152	1	Caries	
	7	2	Filled	
	4927	8	Not present	
	728	9	Could not be assessed	
	15820	Blank		

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
		GINGIVAL BLEEDING		
2387		Periodontal assessments: gingival		
DEPUGN1		bleeding - upper central incisor, mesial		
	12295	0	No bleeding	
	1214	1	Bleeding	
	3741	9	Could not be assessed	
	14061	Blank		
2388		Periodontal assessments: gingival		
DEPUGN2		bleeding - upper central incisor, buccal		
	11923	0	No bleeding	
	1588	1	Bleeding	
	3739	9	Could not be assessed	
	14061	Blank		
2389		Periodontal assessments: gingival		
DEPUGN3		bleeding - upper lateral incisor, mesial		
	12161	0	No bleeding	
	1220	1	Bleeding	
	3869	9	Could not be assessed	
	14061	Blank		
2390		Periodontal assessments: gingival		
DEPUGN4		bleeding - upper lateral incisor, buccal		
	11696	0	No bleeding	
	1686	1	Bleeding	
	3868	9	Could not be assessed	
	14061	Blank		
2391		Periodontal assessments: gingival		
DEPUGN5		bleeding - upper cuspid, mesial		
	12119	0	No bleeding	
	1779	1	Bleeding	
	3352	9	Could not be assessed	
	14061	Blank		

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2392		Periodontal assessments: gingival		
DEPUGN6		bleeding - upper cuspid, buccal		
	11719	0	No bleeding	
	2180	1	Bleeding	
	3351	9	Could not be assessed	
	14061	Blank		
2393		Periodontal assessments: gingival		
DEPUGN7		bleeding - upper 1st bicuspid, mesial		
	11263	0	No bleeding	
	1120	1	Bleeding	
	4867	9	Could not be assessed	
	14061	Blank		
2394		Periodontal assessments: gingival		
DEPUGN8		bleeding - upper 1st bicuspid, buccal		
	11060	0	No bleeding	
	1322	1	Bleeding	
	4868	9	Could not be assessed	
	14061	Blank		
2395		Periodontal assessments: gingival		
DEPUGN9		bleeding - upper 2nd bicuspid, mesial		
	11270	0	No bleeding	
	1050	1	Bleeding	
	4930	9	Could not be assessed	
	14061	Blank		
2396		Periodontal assessments: gingival		
DEPUGN10		bleeding - upper 2nd bicuspid, buccal		
	11135	0	No bleeding	
	1184	1	Bleeding	
	4931	9	Could not be assessed	
	14061	Blank		

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2397 DEPUGN11		Periodontal assessments: gingival bleeding - upper 1st molar, mesial		
	10070	0	No bleeding	
	1355	1	Bleeding	
	5825	9	Could not be assessed	
	14061	Blank		
2398 DEPUGN12		Periodontal assessments: gingival bleeding - upper 1st molar, buccal		
	9704	0	No bleeding	
	1723	1	Bleeding	
	5823	9	Could not be assessed	
	14061	Blank		
2399 DEPUGN13		Periodontal assessments: gingival bleeding - upper 2nd molar, mesial		
	10388	0	No bleeding	
	1761	1	Bleeding	
	5101	9	Could not be assessed	
	14061	Blank		
2400 DEPUGN14		Periodontal assessments: gingival bleeding - upper 2nd molar, buccal		
	9923	0	No bleeding	
	2225	1	Bleeding	
	5102	9	Could not be assessed	
	14061	Blank		
2401 DEPLGN1		Periodontal assessments: gingival bleeding - lower central incisor, mesial		
	13069	0	No bleeding	
	1462	1	Bleeding	
	2716	9	Could not be assessed	
	14064	Blank		

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2402		Periodontal assessments: gingival		
DEPLGN2		bleeding - lower central incisor, buccal		
	12155	0	No bleeding	
	2377	1	Bleeding	
	2715	9	Could not be assessed	
	14064	Blank		
2403		Periodontal assessments: gingival		
DEPLGN3		bleeding - lower lateral incisor, mesial		
	13372	0	No bleeding	
	1359	1	Bleeding	
	2516	9	Could not be assessed	
	14064	Blank		
2404		Periodontal assessments: gingival		
DEPLGN4		bleeding - lower lateral incisor, buccal		
	12376	0	No bleeding	
	2357	1	Bleeding	
	2514	9	Could not be assessed	
	14064	Blank		
2405		Periodontal assessments: gingival		
DEPLGN5		bleeding - lower cuspid, mesial		
	13383	0	No bleeding	
	1767	1	Bleeding	
	2097	9	Could not be assessed	
	14064	Blank		
2406		Periodontal assessments: gingival		
DEPLGN6		bleeding - lower cuspid, buccal		
	12731	0	No bleeding	
	2417	1	Bleeding	
	2099	9	Could not be assessed	
	14064	Blank		

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2407		Periodontal assessments: gingival		
DEPLGN7		bleeding - lower 1st bicuspid, mesial		
	13110	0	No bleeding	
	963	1	Bleeding	
	3174	9	Could not be assessed	
	14064	Blank		
2408		Periodontal assessments: gingival		
DEPLGN8		bleeding - lower 1st bicuspid, buccal		
	12623	0	No bleeding	
	1453	1	Bleeding	
	3171	9	Could not be assessed	
	14064	Blank		
2409		Periodontal assessments: gingival		
DEPLGN9		bleeding - lower 2nd bicuspid, mesial		
	12666	0	No bleeding	
	612	1	Bleeding	
	3969	9	Could not be assessed	
	14064	Blank		
2410		Periodontal assessments: gingival		
DEPLGN10		bleeding - lower 2nd bicuspid, buccal		
	12380	0	No bleeding	
	901	1	Bleeding	
	3966	9	Could not be assessed	
	14064	Blank		
2411		Periodontal assessments: gingival		
DEPLGN11		bleeding - lower 1st molar, mesial		
	9690	0	No bleeding	
	550	1	Bleeding	
	7007	9	Could not be assessed	
	14064	Blank		

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2412 DEPLGN12		Periodontal assessments: gingival bleeding - lower 1st molar, buccal		
	9284	0	No bleeding	
	957	1	Bleeding	
	7006	9	Could not be assessed	
	14064	Blank		
2413 DEPLGN13		Periodontal assessments: gingival bleeding - lower 2nd molar, mesial		
	10428	0	No bleeding	
	954	1	Bleeding	
	5865	9	Could not be assessed	
	14064	Blank		
2414 DEPLGN14		Periodontal assessments: gingival bleeding - lower 2nd molar, buccal		
	9899	0	No bleeding	
	1487	1	Bleeding	
	5861	9	Could not be assessed	
	14064	Blank		
		CALCULUS		
2415 DEPUCL1		Periodontal assessments: calculus score - upper central incisor, mesial		
	9729	0	Absence of calculus	
	1360	1	Supragingival calculus only	
	2387	2	Supragingival and subgingival calculus or subgingival calculus only	
	3771	9	Could not be assessed	
	14064	Blank		

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2416		Periodontal assessments: calculus		
DEPUCL2		score - upper central incisor, buccal		
	10531	0	Absence of calculus	
	1258	1	Supragingival calculus only	
	1689	2	Supragingival and subgingival calculus or subgingival calculus only	
	3769	9	Could not be assessed	
	14064	Blank		
2417		Periodontal assessments: calculus		
DEPUCL3		score - upper lateral incisor, mesial		
	9013	0	Absence of calculus	
	1433	1	Supragingival calculus only	
	2909	2	Supragingival and subgingival calculus or subgingival calculus only	
	3892	9	Could not be assessed	
	14064	Blank		
2418		Periodontal assessments: calculus		
DEPUCL4		score - upper lateral incisor, buccal		
	10279	0	Absence of calculus	
	1250	1	Supragingival calculus only	
	1827	2	Supragingival and subgingival calculus or subgingival calculus only	
	3891	9	Could not be assessed	
	14064	Blank		
2419		Periodontal assessments: calculus		
DEPUCL5		score - upper cuspid, mesial		
	9170	0	Absence of calculus	
	1594	1	Supragingival calculus only	
	3096	2	Supragingival and subgingival calculus or subgingival calculus only	
	3387	9	Could not be assessed	
	14064	Blank		

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2420 DEPUCL6		Periodontal assessments: calculus score - upper cuspid, buccal		
	10238	0	Absence of calculus	
	1538	1	Supragingival calculus only	
	2094	2	Supragingival and subgingival calculus or subgingival calculus only	
	3377	9	Could not be assessed	
	14064	Blank		
2421 DEPUCL7		Periodontal assessments: calculus score - upper 1st bicuspid, mesial		
	8751	0	Absence of calculus	
	1080	1	Supragingival calculus only	
	2505	2	Supragingival and subgingival calculus or subgingival calculus only	
	4911	9	Could not be assessed	
	14064	Blank		
2422 DEPUCL8		Periodontal assessments: calculus score - upper 1st bicuspid, buccal		
	9652	0	Absence of calculus	
	1091	1	Supragingival calculus only	
	1605	2	Supragingival and subgingival calculus or subgingival calculus only	
	4899	9	Could not be assessed	
	14064	Blank		
2423 DEPUCL9		Periodontal assessments: calculus score - upper 2nd bicuspid, mesial		
	8577	0	Absence of calculus	
	1089	1	Supragingival calculus only	
	2610	2	Supragingival and subgingival calculus or subgingival calculus only	
	4971	9	Could not be assessed	
	14064	Blank		

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2424		Periodontal assessments: calculus		
DEPUCL10		score - upper 2nd bicuspid, buccal		
	9533	0	Absence of calculus	
	1063	1	Supragingival calculus only	
	1687	2	Supragingival and subgingival calculus or subgingival calculus only	
	4964	9	Could not be assessed	
	14064	Blank		
2425		Periodontal assessments: calculus		
DEPUCL11		score - upper 1st molar, mesial		
	6161	0	Absence of calculus	
	1437	1	Supragingival calculus only	
	3786	2	Supragingival and subgingival calculus or subgingival calculus only	
	5863	9	Could not be assessed	
	14064	Blank		
2426		Periodontal assessments: calculus		
DEPUCL12		score - upper 1st molar, buccal		
	7049	0	Absence of calculus	
	1706	1	Supragingival calculus only	
	2636	2	Supragingival and subgingival calculus or subgingival calculus only	
	5856	9	Could not be assessed	
	14064	Blank		
2427		Periodontal assessments: calculus		
DEPUCL13		score - upper 2nd molar, mesial		
	5131	0	Absence of calculus	
	1901	1	Supragingival calculus only	
	5093	2	Supragingival and subgingival calculus or subgingival calculus only	
	5122	9	Could not be assessed	
	14064	Blank		

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2428		Periodontal assessments: calculus		
DEPUCL14		score - upper 2nd molar, buccal		
	6903	0	Absence of calculus	
	1572	1	Supragingival calculus only	
	3652	2	Supragingival and subgingival calculus or subgingival calculus only	
	5120	9	Could not be assessed	
	14064	Blank		
2429		Periodontal assessments: calculus		
DEPLCL1		score - lower central incisor, mesial		
	3685	0	Absence of calculus	
	5333	1	Supragingival calculus only	
	5506	2	Supragingival and subgingival calculus or subgingival calculus only	
	2720	9	Could not be assessed	
	14067	Blank		
2430		Periodontal assessments: calculus		
DEPLCL2		score - lower central incisor, buccal		
	6578	0	Absence of calculus	
	4498	1	Supragingival calculus only	
	3452	2	Supragingival and subgingival calculus or subgingival calculus only	
	2716	9	Could not be assessed	
	14067	Blank		
2431		Periodontal assessments: calculus		
DEPLCL3		score - lower lateral incisor, mesial		
	4157	0	Absence of calculus	
	5090	1	Supragingival calculus only	
	5466	2	Supragingival and subgingival calculus or subgingival calculus only	
	2531	9	Could not be assessed	
	14067	Blank		

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2432		Periodontal assessments: calculus		
DEPLCL4		score - lower lateral incisor, buccal		
	7813	0	Absence of calculus	
	3744	1	Supragingival calculus only	
	3164	2	Supragingival and subgingival calculus or subgingival calculus only	
	2523	9	Could not be assessed	
	14067	Blank		
2433		Periodontal assessments: calculus		
DEPLCL5		score - lower cuspid, mesial		
	5273	0	Absence of calculus	
	4354	1	Supragingival calculus only	
	5509	2	Supragingival and subgingival calculus or subgingival calculus only	
	2108	9	Could not be assessed	
	14067	Blank		
2434		Periodontal assessments: calculus		
DEPLCL6		score - lower cuspid, buccal		
	8911	0	Absence of calculus	
	3209	1	Supragingival calculus only	
	3016	2	Supragingival and subgingival calculus or subgingival calculus only	
	2108	9	Could not be assessed	
	14067	Blank		
2435		Periodontal assessments: calculus		
DEPLCL7		score - lower 1st bicuspid, mesial		
	7542	0	Absence of calculus	
	2823	1	Supragingival calculus only	
	3683	2	Supragingival and subgingival calculus or subgingival calculus only	
	3196	9	Could not be assessed	
	14067	Blank		

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2436		Periodontal assessments: calculus		
DEPLCL8		score - lower 1st bicuspid, buccal		
	10760	0	Absence of calculus	
	1475	1	Supragingival calculus only	
	1814	2	Supragingival and subgingival calculus or subgingival calculus only	
	3195	9	Could not be assessed	
	14067	Blank		
2437		Periodontal assessments: calculus		
DEPLCL9		score - lower 2nd bicuspid, mesial		
	8561	0	Absence of calculus	
	1900	1	Supragingival calculus only	
	2764	2	Supragingival and subgingival calculus or subgingival calculus only	
	4019	9	Could not be assessed	
	14067	Blank		
2438		Periodontal assessments: calculus		
DEPLCL10		score - lower 2nd bicuspid, buccal		
	10540	0	Absence of calculus	
	1207	1	Supragingival calculus only	
	1497	2	Supragingival and subgingival calculus or subgingival calculus only	
	4000	9	Could not be assessed	
	14067	Blank		
2439		Periodontal assessments: calculus		
DEPLCL11		score - lower 1st molar, mesial		
	6686	0	Absence of calculus	
	1267	1	Supragingival calculus only	
	2232	2	Supragingival and subgingival calculus or subgingival calculus only	
	7059	9	Could not be assessed	
	14067	Blank		

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2440 DEPLCL12		Periodontal assessments: calculus score - lower 1st molar, buccal		
	8141	0	Absence of calculus	
	866	1	Supragingival calculus only	
	1189	2	Supragingival and subgingival calculus or subgingival calculus only	
	7048	9	Could not be assessed	
	14067	Blank		
2441 DEPLCL13		Periodontal assessments: calculus score - lower 2nd molar, mesial		
	6723	0	Absence of calculus	
	1620	1	Supragingival calculus only	
	2996	2	Supragingival and subgingival calculus or subgingival calculus only	
	5905	9	Could not be assessed	
	14067	Blank		
2442 DEPLCL14		Periodontal assessments: calculus score - lower 2nd molar, buccal		
	8484	0	Absence of calculus	
	1137	1	Supragingival calculus only	
	1724	2	Supragingival and subgingival calculus or subgingival calculus only	
	5899	9	Could not be assessed	
	14067	Blank		
		FGM/CEJ, POCKET DEPTH		
2443-2444 DEPUMCJ1		Periodontal assessments: FGM/CEJ scores - upper central incisor, mesial (mm)		
	13446	-8-04		
	3354	99	Could not be assessed	
	14511	Blank		

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2445-2446 DEPUMPC1		Periodontal assessments: probing pocket depth scores - upper central incisor, mesial (mm)	
	13446	00-12	
	3354	99 Could not be assessed	
	14511	Blank	
2447-2448 DEPUBCJ1		Periodontal assessments: FGM/CEJ scores - upper central incisor, buccal (mm)	
	13449	-7-04	
	3351	99 Could not be assessed	
	14511	Blank	
2449-2450 DEPUBPC1		Periodontal assessments: probing pocket depth scores - upper central incisor, buccal (mm)	
	13449	00-12	
	3351	99 Could not be assessed	
	14511	Blank	
2451-2452 DEPUMCJ2		Periodontal assessments: FGM/CEJ - upper lateral incisor, mesial (mm)	
	13315	-8-05	
	3485	99 Could not be assessed	
	14511	Blank	
2453-2454 DEPUMPC2		Periodontal assessments: probing pocket depth - upper lateral incisor, mesial (mm)	
	13315	00-11	
	3485	99 Could not be assessed	
	14511	Blank	
2455-2456 DEPUBCJ2		Periodontal assessments: FGM/CEJ - upper lateral incisor, buccal (mm)	
	13307	-8-04	
	3493	99 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2457-2458 DEPUBPC2		Periodontal assessments: probing pocket depth - upper lateral incisor, buccal (mm)	
	13307	00-09	
	3493	99 Could not be assessed	
	14511	Blank	
2459-2461 DEPUMCJ3		Periodontal assessments: FGM/CEJ scores - upper cuspid, mesial (mm)	
	13835	-12-009	
	2965	099 Could not be assessed	
	14511	Blank	
2462-2463 DEPUMPC3		Periodontal assessments: probing pocket depth scores - upper cuspid, mesial (mm)	
	13835	00-12	
	2965	99 Could not be assessed	
	14511	Blank	
2464-2466 DEPUBCJ3		Periodontal assessments: FGM/CEJ scores - upper cuspid, buccal (mm)	
	13824	-12-008	
	2976	099 Could not be assessed	
	14511	Blank	
2467-2468 DEPUBPC3		Periodontal assessments: probing pocket depth scores - upper cuspid, buccal (mm)	
	13824	00-12	
	2976	99 Could not be assessed	
	14511	Blank	
2469-2470 DEPUMCJ4		Periodontal assessments: FGM/CEJ scores - upper 1st bicuspid, mesial (mm)	
	12335	-8-06	
	4465	99 Could not be assessed	
	14511	Blank	

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2471-2472 DEPUMPC4		Periodontal assessments: probing pocket depth scores - upper 1st bicuspid, mesial (mm)	
	12335	00-10	
	4465	99 Could not be assessed	
	14511	Blank	
2473-2474 DEPUBCJ4		Periodontal assessments: FGM/CEJ scores - upper 1st bicuspid, buccal (mm)	
	12308	-8-04	
	4492	99 Could not be assessed	
	14511	Blank	
2475-2476 DEPUBPC4		Periodontal assessments: probing pocket depth scores - upper 1st bicuspid, buccal (mm)	
	12308	00-11	
	4492	99 Could not be assessed	
	14511	Blank	
2477-2478 DEPUMCJ5		Periodontal assessments: FGM/CEJ scores - upper 2nd bicuspid, mesial (mm)	
	12278	-6-05	
	4522	99 Could not be assessed	
	14511	Blank	
2479-2480 DEPUMPC5		Periodontal assessments: probing pocket depth scores - upper 2nd bicuspid, mesial (mm)	
	12278	00-10	
	4522	99 Could not be assessed	
	14511	Blank	
2481-2482 DEPUBCJ5		Periodontal assessments: FGM/CEJ scores - upper 2nd bicuspid, buccal (mm)	
	12238	-9-04	
	4562	99 Could not be assessed	
	14511	Blank	

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2483-2484 DEPUBPC5		Periodontal assessments: probing pocket depth scores - upper 2nd bicuspid, buccal (mm)	
	12238	00-10	
	4562	99 Could not be assessed	
	14511	Blank	
2485-2487 DEPUMCJ6		Periodontal assessments: FGM/CEJ scores - upper 1st molar, mesial (mm)	
	11371	-12-006	
	5429	099 Could not be assessed	
	14511	Blank	
2488-2489 DEPUMPC6		Periodontal assessments: probing pocket depth scores - upper 1st molar, mesial (mm)	
	11371	00-10	
	5429	99 Could not be assessed	
	14511	Blank	
2490-2492 DEPUBCJ6		Periodontal assessments: FGM/CEJ scores - upper 1st molar, buccal (mm)	
	11369	-12-004	
	5431	099 Could not be assessed	
	14511	Blank	
2493-2494 DEPUBPC6		Periodontal assessments: probing pocket depth scores - upper 1st molar, buccal (mm)	
	11369	00-11	
	5431	99 Could not be assessed	
	14511	Blank	
2495-2497 DEPUMCJ7		Periodontal assessments: FGM/CEJ scores - upper 2nd molar, mesial (mm)	
	12060	-12-006	
	4740	099 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2498-2499 DEPUMPC7		Periodontal assessments: probing pocket depth scores - upper 2nd molar, mesial (mm)	
	12060	00-12	
	4740	99 Could not be assessed	
	14511	Blank	
2500-2502 DEPUBCJ7		Periodontal assessments: FGM/CEJ scores - upper 2nd molar, buccal (mm)	
	12075	-12-005	
	4725	099 Could not be assessed	
	14511	Blank	
2503-2504 DEPUBPC7		Periodontal assessments: probing pocket depth scores - upper 2nd molar, buccal (mm)	
	12075	00-12	
	4725	99 Could not be assessed	
	14511	Blank	
2505-2506 DEPLMCJ1		Periodontal assessments: FGM/CEJ scores - lower central incisor, mesial (mm)	
	14018	-9-04	
	2782	99 Could not be assessed	
	14511	Blank	
2507-2508 DEPLMPC1		Periodontal assessments: probing pocket depth scores - lower central incisor, mesial (mm)	
	14018	00-12	
	2782	99 Could not be assessed	
	14511	Blank	
2509-2511 DEPLBCJ1		Periodontal assessments: FGM/CEJ scores - lower central incisor, buccal (mm)	
	14469	-12-006	
	2331	099 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2512-2513 DEPLBPC1		Periodontal assessments: probing pocket depth scores - lower central incisor, buccal (mm)	
	14469	00-08	
	2331	99 Could not be assessed	
	14511	Blank	
2514-2515 DEPLMCJ2		Periodontal assessments: FGM/CEJ scores - lower lateral incisor, mesial (mm)	
	14642	-9-05	
	2158	99 Could not be assessed	
	14511	Blank	
2516-2517 DEPLMPC2		Periodontal assessments: probing pocket depth scores - lower lateral incisor, mesial (mm)	
	14642	00-09	
	2158	99 Could not be assessed	
	14511	Blank	
2518-2520 DEPLBCJ2		Periodontal assessments: FGM/CEJ scores - lower lateral incisor, buccal (mm)	
	14657	-12-005	
	2143	099 Could not be assessed	
	14511	Blank	
2521-2522 DEPLBPC2		Periodontal assessments: probing pocket depth scores - lower lateral incisor, buccal (mm)	
	14657	00-08	
	2143	99 Could not be assessed	
	14511	Blank	
2523-2525 DEPLMCJ3		Periodontal assessments: FGM/CEJ scores - lower cuspid, mesial (mm)	
	15097	-10-005	
	1703	099 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2526-2527 DEPLMPC3		Periodontal assessments: probing pocket depth scores - lower cuspid, mesial (mm)	
	15097	00-12	
	1703	99 Could not be assessed	
	14511	Blank	
2528-2530 DEPLBCJ3		Periodontal assessments: FGM/CEJ scores - lower cuspid, buccal (mm)	
	15075	-10-006	
	1725	099 Could not be assessed	
	14511	Blank	
2531-2532 DEPLBPC3		Periodontal assessments: probing pocket depth scores - lower cuspid, buccal (mm)	
	15075	00-07	
	1725	99 Could not be assessed	
	14511	Blank	
2533-2535 DEPLMCJ4		Periodontal assessments: FGM/CEJ scores - lower 1st bicuspid, mesial (mm)	
	14011	-10-005	
	2789	099 Could not be assessed	
	14511	Blank	
2536-2537 DEPLMPC4		Periodontal assessments: probing pocket depth scores - lower 1st bicuspid, mesial (mm)	
	14011	00-12	
	2789	99 Could not be assessed	
	14511	Blank	
2538-2540 DEPLBCJ4		Periodontal assessments: FGM/CEJ scores - lower 1st bicuspid, buccal (mm)	
	13998	-10-003	
	2802	099 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2541-2542 DEPLBPC4		Periodontal assessments: probing pocket depth scores - lower 1st bicuspid, buccal (mm)	
	13998	00-11	
	2802	99 Could not be assessed	
	14511	Blank	
2543-2544 DEPLMCJ5		Periodontal assessments: FGM/CEJ scores - lower 2nd bicuspid, mesial (mm)	
	13125	-7-06	
	3675	99 Could not be assessed	
	14511	Blank	
2545-2546 DEPLMPC5		Periodontal assessments: probing pocket depth scores - lower 2nd bicuspid, mesial (mm)	
	13125	00-09	
	3675	99 Could not be assessed	
	14511	Blank	
2547-2548 DEPLBCJ5		Periodontal assessments: FGM/CEJ scores - lower 2nd bicuspid, buccal (mm)	
	13195	-9-03	
	3605	99 Could not be assessed	
	14511	Blank	
2549-2550 DEPLBPC5		Periodontal assessments: probing pocket depth scores - lower 2nd bicuspid, buccal (mm)	
	13195	00-12	
	3605	99 Could not be assessed	
	14511	Blank	
2551-2553 DEPLMCJ6		Periodontal assessments: FGM/CEJ scores - lower 1st molar, mesial (mm)	
	10176	-12-005	
	6624	099 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2554-2555 DEPLMPC6		Periodontal assessments: probing pocket depth scores - lower 1st molar, mesial (mm)	
	10176	00-12	
	6624	99 Could not be assessed	
	14511	Blank	
2556-2558 DEPLBCJ6		Periodontal assessments: FGM/CEJ scores - lower 1st molar, buccal (mm)	
	10171	-12-004	
	6629	099 Could not be assessed	
	14511	Blank	
2559-2560 DEPLBPC6		Periodontal assessments: probing pocket depth scores - lower 1st molar, buccal (mm)	
	10171	00-09	
	6629	99 Could not be assessed	
	14511	Blank	
2561-2563 DEPLMCJ7		Periodontal assessments: FGM/CEJ scores - lower 2nd molar, mesial (mm)	
	11304	-12-005	
	5496	099 Could not be assessed	
	14511	Blank	
2564-2565 DEPLMPC7		Periodontal assessments: probing pocket depth scores - lower 2nd molar, mesial (mm)	
	11304	00-11	
	5496	99 Could not be assessed	
	14511	Blank	
2566-2568 DEPLBCJ7		Periodontal assessments: FGM/CEJ scores - lower 2nd molar, buccal (mm)	
	11313	-12-006	
	5487	099 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2569-2570 DEPLBPC7		Periodontal assessments: probing pocket depth scores - lower 2nd molar, buccal (mm)	
	11313	00-12	
	5487	99 Could not be assessed	
	14511	Blank	
		LOSS OF ATTACHMENT	
2571-2572 DEPUMLA1		Periodontal assessments: loss of attachment - upper central incisor, mesial (mm)	
	13446	00-16	
	3354	99 Could not be assessed	
	14511	Blank	
2573-2574 DEPUBLA1		Periodontal assessments: loss of attachment - upper central incisor, buccal (mm)	
	13449	00-13	
	3351	99 Could not be assessed	
	14511	Blank	
2575-2576 DEPUMLA2		Periodontal assessments: loss of attachment - upper lateral incisor, mesial (mm)	
	13315	00-15 Loss of attachment	
	3485	99 Could not be assessed	
	14511	Blank	
2577-2578 DEPUBLA2		Periodontal assessments: loss of attachment - upper lateral incisor, buccal (mm)	
	13307	00-12	
	3493	99 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2579-2580 DEPUMLA3		Periodontal assessments: loss of attachment - upper cuspid, mesial (mm)	
	13835	00-17	
	2965	99 Could not be assessed	
	14511	Blank	
2581-2582 DEPUBLA3		Periodontal assessments: loss of attachment - upper cuspid, buccal (mm)	
	13824	00-17	
	2976	99 Could not be assessed	
	14511	Blank	
2583-2584 DEPUMLA4		Periodontal assessments: loss of attachment - upper 1st bicuspid, mesial (mm)	
	12335	00-15	
	4465	99 Could not be assessed	
	14511	Blank	
2585-2586 DEPUBLA4		Periodontal assessments: loss of attachment - upper 1st bicuspid, buccal (mm)	
	12308	00-14	
	4492	99 Could not be assessed	
	14511	Blank	
2587-2588 DEPUMLA5		Periodontal assessments: loss of attachment - upper 2nd bicuspid, mesial (mm)	
	12278	00-13	
	4522	99 Could not be assessed	
	14511	Blank	
2589-2590 DEPUBLA5		Periodontal assessments: loss of attachment - upper 2nd bicuspid, buccal (mm)	
	12238	00-14	
	4562	99 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2591-2592 DEPUMLA6		Periodontal assessments: loss of attachment - upper 1st molar, mesial (mm)	
	11371	00-15	
	5429	99 Could not be assessed	
	14511	Blank	
2593-2594 DEPUBLA6		Periodontal assessments: loss of attachment - upper 1st molar, buccal (mm)	
	11369	00-13	
	5431	99 Could not be assessed	
	14511	Blank	
2595-2596 DEPUMLA7		Periodontal assessments: loss of attachment - upper 2nd molar, mesial (mm)	
	12060	00-13	
	4740	99 Could not be assessed	
	14511	Blank	
2597-2598 DEPUBLA7		Periodontal assessments: loss of attachment - upper 2nd molar, buccal (mm)	
	12075	00-15	
	4725	99 Could not be assessed	
	14511	Blank	
2599-2600 DEPLMLA1		Periodontal assessments: loss of attachment - lower central incisor, mesial (mm)	
	14018	00-14	
	2782	99 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2601-2602 DEPLBLA1		Periodontal assessments: loss of attachment - lower central incisor, buccal (mm)	
	14469	00-12	
	2331	99 Could not be assessed	
	14511	Blank	
2603-2604 DEPLMLA2		Periodontal assessments: loss of attachment - lower lateral incisor, mesial (mm)	
	14642	00-14	
	2158	99 Could not be assessed	
	14511	Blank	
2605-2606 DEPLBLA2		Periodontal assessments: loss of attachment - lower lateral incisor, buccal (mm)	
	14657	00-13	
	2143	99 Could not be assessed	
	14511	Blank	
2607-2608 DEPLMLA3		Periodontal assessments: loss of attachment - lower cuspid, mesial (mm)	
	15097	00-16	
	1703	99 Could not be assessed	
	14511	Blank	
2609-2610 DEPLBLA3		Periodontal assessments: loss of attachment - lower cuspid, buccal (mm)	
	15075	00-14	
	1725	99 Could not be assessed	
	14511	Blank	
2611-2612 DEPLMLA4		Periodontal assessments: loss of attachment - lower 1st bicuspid, mesial (mm)	
	14011	00-15	
	2789	99 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code	Notes
2613-2614 DEPLBLA4		Periodontal assessments: loss of attachment - lower 1st bicuspid, buccal (mm)	
	13998	00-17	
	2802	99 Could not be assessed	
	14511	Blank	
2615-2616 DEPLMLA5		Periodontal assessments: loss of attachment - lower 2nd bicuspid, mesial (mm)	
	13125	00-13	
	3675	99 Could not be assessed	
	14511	Blank	
2617-2618 DEPLBLA5		Periodontal assessments: loss of attachment - lower 2nd bicuspid, buccal (mm)	
	13195	00-14	
	3605	99 Could not be assessed	
	14511	Blank	
2619-2620 DEPLMLA6		Periodontal assessments: loss of attachment - lower 1st molar, mesial (mm)	
	10176	00-12	
	6624	99 Could not be assessed	
	14511	Blank	
2621-2622 DEPLBLA6		Periodontal assessments: loss of attachment - lower 1st molar, buccal (mm)	
	10171	00-12	
	6629	99 Could not be assessed	
	14511	Blank	

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2623-2624 DEPLMLA7		Periodontal assessments: loss of attachment - lower 2nd molar, mesial (mm)		
	11304	00-13		
	5496	99	Could not be assessed	
	14511	Blank		
2625-2626 DEPLBLA7		Periodontal assessments: loss of attachment - lower 2nd molar, buccal (mm)		
	11313	00-12		
	5487	99	Could not be assessed	
	14511	Blank		
		FURCATIONS		
2627 DEPUB2MF		Periodontal assessments: furcations - upper 2nd bicuspid, mesial		
	12254	0	No involvement, explorer cannot enter the furcation	
	37	1	Partial involvement, explorer cannot pass completely through the furcation	
	3422	9	Could not be assessed	
	15598	Blank		
2628 DEPUB2DF		Periodontal assessments: furcations - upper 2nd bicuspid, distal		
	12236	0	No involvement, explorer cannot enter the furcation	
	49	1	Partial involvement, explorer cannot pass completely through the furcation	
	1	2	Complete involvement, explorer can pass between the roots through the entire furcation	
	3425	9	Could not be assessed	
	15600	Blank		

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2629 DEPUM1MF		Periodontal assessments: furcations - upper 1st molar, mesial		
	11077	0	No involvement, explorer cannot enter the furcation	
	223	1	Partial involvement, explorer cannot pass completely through the furcation	
	27	2	Complete involvement, explorer can pass between the roots through the entire furcation	
	4394	9	Could not be assessed	
	15590	Blank		
2630 DEPUM1BF		Periodontal assessments: furcations - upper 1st molar, buccal		
	10985	0	No involvement, explorer cannot enter the furcation	
	309	1	Partial involvement, explorer cannot pass completely through the furcation	
	26	2	Complete involvement, explorer can pass between the roots through the entire furcation	
	4401	9	Could not be assessed	
	15590	Blank		
2631 DEPUM1DF		Periodontal assessments: furcations - upper 1st molar, distal		
	10971	0	No involvement, explorer cannot enter the furcation	
	339	1	Partial involvement, explorer cannot pass completely through the furcation	
	25	2	Complete involvement, explorer can pass between the roots through the entire furcation	
	4380	9	Could not be assessed	
	15596	Blank		

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PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2632 DEPUM2MF		Periodontal assessments: furcations - upper 2nd molar, mesial		
	11787	0	No involvement, explorer cannot enter the furcation	
	210	1	Partial involvement, explorer cannot pass completely through the furcation	
	24	2	Complete involvement, explorer can pass between the roots through the entire furcation	
	3697	9	Could not be assessed	
	15593	Blank		
2633 DEPUM2BF		Periodontal assessments: furcations - upper 2nd molar, buccal		
	11597	0	No involvement, explorer cannot enter the furcation	
	407	1	Partial involvement, explorer cannot pass completely through the furcation	
	22	2	Complete involvement, explorer can pass between the roots through the entire furcation	
	3692	9	Could not be assessed	
	15593	Blank		
2634 DEPUM2DF		Periodontal assessments: furcations - upper 2nd molar, distal		
	11664	0	No involvement, explorer cannot enter the furcation	
	315	1	Partial involvement, explorer cannot pass completely through the furcation	
	24	2	Complete involvement, explorer can pass between the roots through the entire furcation	
	3715	9	Could not be assessed	
	15593	Blank		

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2635 DEPLM1LF		Periodontal assessments: furcations - lower 1st molar, lingual		
	9839	0	No involvement, explorer cannot enter the furcation	
	274	1	Partial involvement, explorer cannot pass completely through the furcation	
	51	2	Complete involvement, explorer can pass between the roots through the entire furcation	
	5568	9	Could not be assessed	
	15579	Blank		
2636 DEPLM1BF		Periodontal assessments: furcations - lower 1st molar, buccal		
	9789	0	No involvement, explorer cannot enter the furcation	
	313	1	Partial involvement, explorer cannot pass completely through the furcation	
	51	2	Complete involvement, explorer can pass between the roots through the entire furcation	
	5577	9	Could not be assessed	
	15581	Blank		
2637 DEPLM2LF		Periodontal assessments: furcations - lower 2nd molar, lingual		
	10950	0	No involvement, explorer cannot enter the furcation	
	317	1	Partial involvement, explorer cannot pass completely through the furcation	
	35	2	Complete involvement, explorer can pass between the roots through the entire furcation	
	4414	9	Could not be assessed	
	15595	Blank		

DENTAL EXAMINATION

PERIODONTAL ASSESSMENTS

Positions SAS name	Counts	Item description and code		Notes
2638 DEPLM2BF		Periodontal assessments: furcations - lower 2nd molar, buccal		
	10972	0	No involvement, explorer cannot enter the furcation	
	298	1	Partial involvement, explorer cannot pass completely through the furcation	
	36	2	Complete involvement, explorer can pass between the roots through the entire furcation	
	4411	9	Could not be assessed	
	15594	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2639 DEPNUMLS		Oral soft tissue lesions: number of lesions		
	26797	0-6		
	4514	Blank		
2640-2645 DEPSTLC1		Oral soft tissue lesions: lesion 1 - locations		See note
	234	A	Upper lip	
	1132	AB-42U	Multiple locations	
	29	B	Upper labial mucosa	
	649	C	Lower lip	
	251	D	Lower labial mucosa	
	39	E	Commissure (right)	
	167	F	Buccal mucosa (right)	
	51	G	Commissure (left)	
	296	H	Buccal mucosa (left)	
	8	I	Vestibule (upper right)	
	110	J	Gingiva (upper right)	
	64	K	Vestibule (upper front)	
	212	L	Gingiva (upper front)	
	7	M	Vestibule (upper left)	
	67	N	Gingiva (upper left)	
	39	O	Vestibule (lower left)	
	152	P	Gingiva (lower left)	
	123	Q	Vestibule (lower front)	
	103	R	Gingiva (lower front)	
	33	S	Vestibule (lower right)	
	187	T	Gingiva (lower right)	
	611	U	Tongue/dorsum	
	27	V	Dorsum (right lateral border)	
	22	W	Dorsum (left lateral border)	
	35	X	Floor of mouth	
	21	Y	Tongue/ventral	
	20	2	Soft palate	
	10	3	Generalized area	
	944	4	Hard palate	
	25668	Blank		
2646-2647 DEPSTDX1		Oral soft tissue lesions: lesion 1 - clinical diagnosis		See note
	15	11	Actinic keratosis	

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
	4	12	Acute necrotizing ulcerative gingivitis	
	377	13	Amalgam tattoo	
	89	14	Angular cheilitis	
	12	15	Candidiasis	
	1	16	Candidiasis erythematous	
	617	17	Cheek/lip bite	
	129	18	Denture hyperplasia	
	475	19	Denture stomatitis type 1-2	
	355	20	Denture stomatitis type 3	
	93	21	Denture ulcer	
	1	22	Erythroplakia	
	322	23	Frictional white lesion	
	2	24	Galvanic white lesion	
	29	25	Gingival hyperplasia	
	316	26	Herpes labialis	
	6	27	Herpetic gingivostomatitis	
	37	28	Leukoplakia homogeneous	
	4	29	Leukoplakia non-homogeneous	
	13	30	Lichen planus	
	9	31	Mucocele	
	544	32	Nevus	
	49	33	Nicotinic stomatitis	
	92	34	Papillomas/warts	
	232	35	Recurrent aphthous ulcerations	
	46	36	Smokeless tobacco associated lesion: degree 1 (wrinkling of the mucosa)	
	65	37	Smokeless tobacco associated lesion: degree 2 (wrinkling with color change)	
	62	38	Smokeless tobacco associated lesion: degree 3 (wrinkling with color change, furrows, and thickening)	
	127	39	Tongue fissured	
	320	40	Tongue geographic	
	40	41	Tongue hairy	
	9	42	Tongue median rhomboid glossitis	
	135	43	Tumor (non-specific)	
	20	44	Ulcer (non-specific)	

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
	111	45	Unknown	
	186	46	Other	
	46	47	Other - abscess	
	186	48	Other - scar/surgical scar	
	35	49	Other - burn	
	36	50	Other - fibroma	
	58	51	Other - hemangioma	
	80	52	Other - trauma	
	72	53	Other - denture inflamation	
	32	54	Other - fistula	
	85	55	Other - perio abscess	
	16	56	Other - hematoma	
	14	57	Other - bite	
	35	58	Other - blood vessel	
	4	59	Other - cleft lip/palate	
	25668	Blank		
2648		Oral soft tissue lesions: lesion 1 - smear required		
DEPSMRQ1				
	996	1	Smear required	
	4647	2	Smear not required	
	25668	Blank		
2649		Oral soft tissue lesions: lesion 1 - smear taken		
DEPSMTK1				
	943	1	Smear taken	
	53	2	Smear not taken	
	30315	Blank		
2650		Oral soft tissue lesions: lesion 1 - yeast result		
DEPYEAS1				
	803	0	Not found	
	67	1	Rare	
	59	2	Few	
	10	3	Moderate	
	4	4	Many	
	53	8	Blank but applicable	
	30315	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2651 DEPHYPH1		Oral soft tissue lesions: lesion 1 - hyphae result		
	788	0	Not found	
	44	1	Rare	
	82	2	Few	
	25	3	Moderate	
	4	4	Many	
	53	8	Blank but applicable	
	30315	Blank		
2652 DEPCDRQ1		Oral soft tissue lesions: lesion 1 - clinical description required		
	334	1	Clinical description required	
	5309	2	Clinical description not required	
	25668	Blank		
2653-2654 DEPSTXT1		Oral soft tissue lesions: lesion 1 - extent		
	223	01	Single	
	65	02	Multifocal	
	45	03	Generalized	
	1	99	Don't know	
	30977	Blank		
2655-2656 DEPSTLN1		Oral soft tissue lesions: lesion 1 - length, if width is coded; otherwise, diameter (mm)		
	324	00-75		
	10	99	Unknown	
	30977	Blank		
2657-2658 DEPSTWD1		Oral soft tissue lesions: lesion 1 - width, coded only if lesion is irregularly shaped, in which case length is also coded instead of diameter (mm)		
	324	00-30		
	10	99	Unknown	
	30977	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2659-2660 DEPSTHT1		Oral soft tissue lesions: lesion 1 - height (mm)		
	296	00-22		
	38	99	Unknown	
	30977	Blank		
2661-2662 DEPSTMF1		Oral soft tissue lesions: lesion 1 - surface morphology		
	195	01	Elevated	
	20	02	Vesicle/bulla	
	64	03	Non-elevated	
	17	04	Ulcer	
	37	05	Other	
	1	99	Don't know	
	30977	Blank		
2663-2665 DEPSTCL1		Oral soft tissue lesions: lesion 1 - color		See note
	89	001	Normal	
	121	002	White	
	46	003	Red	
	25	004	Blue	
	5	005	Brown/black	
	2	006	Other	
	46	012-235	Multiple colors	
	30977	Blank		
2666-2667 DEPSTCS1		Oral soft tissue lesions: lesion 1 - consistency		
	111	01	Soft	
	156	02	Firm	
	7	03	Fluid-filled	
	37	04	Not applicable	
	22	05	Other	
	1	99	Don't know	
	30977	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2668-2669 DEPSTPN1		Oral soft tissue lesions: lesion 1 - pain		
	20	01	Yes	
	309	02	No	
	3	03	Don't know	
	1	04	Not applicable	
	1	99	Don't know	
	30977	Blank		
2670-2671 DEPSTPD1		Oral soft tissue lesions: lesion 1 - duration		
	18	01	Less than 1 week	
	10	02	1 week to less than 1 month	
	11	03	1 month to less than 6 months	
	4	04	6 months to less than 12 months	
	9	05	12 months to 2 years	
	76	06	Over 2 years	
	205	07	Don't know	
	1	99	Don't know	
	30977	Blank		
2672-2673 DEPSTHS1		Oral soft tissue lesions: lesion 1 - prior history		
	76	01	Yes	
	54	02	No	
	181	03	Don't know	
	22	04	Not applicable	
	1	99	Don't know	
	30977	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2674-2679 DEPSTLC2		Oral soft tissue lesions: lesion 2 - locations		See note
	20	A	Upper lip	
	226	AB-42	Multiple locations	
	8	B	Upper labial mucosa	
	55	C	Lower lip	
	26	D	Lower labial mucosa	
	9	E	Commissure (right)	
	24	F	Buccal mucosa (right)	
	10	G	Commissure (left)	
	38	H	Buccal mucosa (left)	
	5	I	Vestibule (upper right)	
	22	J	Gingiva (upper right)	
	19	K	Vestibule (upper front)	
	27	L	Gingiva (upper front)	
	2	M	Vestibule (upper left)	
	15	N	Gingiva (upper left)	
	7	O	Vestibule (lower left)	
	36	P	Gingiva (lower left)	
	26	Q	Vestibule (lower front)	
	24	R	Gingiva (lower front)	
	10	S	Vestibule (lower right)	
	37	T	Gingiva (lower right)	
	167	U	Tongue/dorsum	
	5	V	Dorsum (right lateral border)	
	8	W	Dorsum (left lateral border)	
	10	X	Floor of mouth	
	8	2	Soft palate	
	208	4	Hard palate	
	30259	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2680-2681 DEPSTDX2		Oral soft tissue lesions: lesion 2 - clinical diagnosis		See note
	5	11	Actinic keratosis	
	61	13	Amalgam tattoo	
	33	14	Angular cheilitis	
	7	15	Candidiasis	
	47	17	Cheek/lip bite	
	61	18	Denture hyperplasia	
	123	19	Denture stomatitis type 1-2	
	58	20	Denture stomatitis type 3	
	29	21	Denture ulcer	
	75	23	Frictional white lesion	
	5	25	Gingival hyperplasia	
	18	26	Herpes labialis	
	15	28	Leukoplakia homogeneous	
	3	29	Leukoplakia non-homogeneous	
	3	30	Lichen planus	
	2	31	Mucocele	
	30	32	Nevus	
	24	33	Nicotinic stomatitis	
	20	34	Papillomas/warts	
	30	35	Recurrent aphthous ulcerations	
	5	36	Smokeless tobacco associated lesion: degree 1 (wrinkling of the mucosa)	
	17	37	Smokeless tobacco associated lesion: degree 2 (wrinkling with color change)	
	10	38	Smokeless tobacco associated lesion: degree 3 (wrinkling with color change, furrows, and thickening)	
	60	39	Tongue fissured	
	67	40	Tongue geographic	
	9	41	Tongue hairy	
	5	42	Tongue median rhomboid glossitis	
	48	43	Tumor (non-specific)	
	1	44	Ulcer (non-specific)	
	28	45	Unknown	
	35	46	Other	
	6	47	Other - abscess	

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
	21	48	Other - scar/surgical scar	
	4	49	Other - burn	
	3	50	Other - fibroma	
	8	51	Other - hemangioma	
	12	52	Other - trauma	
	24	53	Other - denture inflamation	
	5	54	Other - fistula	
	15	55	Other - perio abscess	
	5	56	Other - hematoma	
	3	57	Other - bite	
	7	58	Other - blood vessel	
	4	59	Other - cleft lip/palate	
	30260	Blank		
2682		Oral soft tissue lesions: lesion 2 -		
DEPSMRQ2		smear required		
	247	1	Smear required	
	804	2	Smear not required	
	30260	Blank		
2683		Oral soft tissue lesions: lesion 2 -		
DEPSMTK2		smear taken		
	217	1	Smear taken	
	30	2	Smear not taken	
	31064	Blank		
2684		Oral soft tissue lesions: lesion 2 -		
DEPYEAS2		yeast result		
	176	0	Not found	
	15	1	Rare	
	20	2	Few	
	4	3	Moderate	
	2	4	Many	
	30	8	Blank but applicable	
	31064	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2685 DEPHYPH2		Oral soft tissue lesions: lesion 2 - hyphae result		
	178	0	Not found	
	12	1	Rare	
	23	2	Few	
	3	3	Moderate	
	1	4	Many	
	30	8	Blank but applicable	
	31064	Blank		
2686 DEPCDRQ2		Oral soft tissue lesions: lesion 2 - clinical description required		
	105	1	Clinical description required	
	946	2	Clinical description not required	
	30260	Blank		
2687 DEPSTXT2		Oral soft tissue lesions: lesion 2 - extent		
	63	1	Single	
	22	2	Multifocal	
	20	3	Generalized	
	31206	Blank		
2688-2689 DEPSTLN2		Oral soft tissue lesions: lesion 2 - length, if width is coded; otherwise, diameter (mm)		
	103	00-50		
	2	99	Unknown	
	31206	Blank		
2690-2691 DEPSTWD2		Oral soft tissue lesions: lesion 2 - width, coded only if lesion is irregularly shaped, in which case length is also coded instead of diameter (mm)		
	103	00-40		
	2	99	Unknown	
	31206	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2692-2693 DEPSTHT2		Oral soft tissue lesions: lesion 2 - height (mm)		
	102	00-20		
	3	99	Unknown	
	31206	Blank		
2694 DEPSTMF2		Oral soft tissue lesions: lesion 2 - surface morphology		
	66	1	Elevated	
	17	3	Non-elevated	
	1	4	Ulcer	
	21	5	Other	
	31206	Blank		
2695-2697 DEPSTCL2		Oral soft tissue lesions: lesion 2 - color		See note
	27	001	Normal	
	43	002	White	
	14	003	Red	
	3	004	Blue	
	2	006	Other	
	4	012	Multiple colors	
	9	023	Multiple colors	
	1	045	Multiple colors	
	1	123	Multiple colors	
	1	999	Could not be assessed	
	31206	Blank		
2698 DEPSTCS2		Oral soft tissue lesions: lesion 2 - consistency		
	32	1	Soft	
	58	2	Firm	
	2	4	Not applicable	
	13	5	Other	
	31206	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2699 DEPSTPN2		Oral soft tissue lesions: lesion 2 - pain		
	7	1	Yes	
	95	2	No	
	2	3	Don't know	
	1	4	Not applicable	
	31206	Blank		
2700 DEPSTPD2		Oral soft tissue lesions: lesion 2 - duration		
	3	1	Less than 1 week	
	3	3	1 month to less than 6 months	
	2	4	6 months to less than 12 months	
	1	5	12 months to 2 years	
	22	6	Over 2 years	
	74	7	Don't know	
	31206	Blank		
2701 DEPSTHS2		Oral soft tissue lesions: lesion 2 - prior history		
	21	1	Yes	
	9	2	No	
	72	3	Don't know	
	3	4	Not applicable	
	31206	Blank		
2702-2707 DEPSTLC3		Oral soft tissue lesions: lesion 3 - locations		See note
	2	A	Upper lip	
	50	AC-4NJIFH	Multiple locations	
	4	C	Lower lip	
	3	D	Lower labial mucosa	
	5	E	Commissure (right)	
	1	F	Buccal mucosa (right)	
	7	H	Buccal mucosa (left)	
	5	J	Gingiva (upper right)	
	2	K	Vestibule (upper front)	
	8	L	Gingiva (upper front)	
	2	O	Vestibule (lower left)	
	8	P	Gingiva (lower left)	
	4	Q	Vestibule (lower front)	

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
	10	R	Gingiva (lower front)	
	1	S	Vestibule (lower right)	
	8	T	Gingiva (lower right)	
	30	U	Tongue/dorsum	
	1	W	Dorsum (left lateral border)	
	1	X	Floor of mouth	
	1	2	Soft palate	
	34	4	Hard palate	
	31124	Blank		
2708-2709 DEPSTDX3		Oral soft tissue lesions: lesion 3 - clinical diagnosis		See note
	1	12	Acute necrotizing ulcerative gingivitis	
	7	13	Amalgam tattoo	
	15	14	Angular cheilitis	
	1	15	Candidiasis	
	4	17	Cheek/lip bite	
	6	18	Denture hyperplasia	
	14	19	Denture stomatitis type 1-2	
	15	20	Denture stomatitis type 3	
	10	21	Denture ulcer	
	9	23	Frictional white lesion	
	1	25	Gingival hyperplasia	
	1	26	Herpes labialis	
	6	28	Leukoplakia homogeneous	
	2	29	Leukoplakia non-homogeneous	
	4	32	Nevus	
	4	33	Nicotinic stomatitis	
	4	34	Papillomas/warts	
	2	36	Smokeless tobacco associated lesion: degree 1 (wrinkling of the mucosa)	
	3	37	Smokeless tobacco associated lesion: degree 2 (wrinkling with color change)	
	1	38	Smokeless tobacco associated lesion: degree 3 (wrinkling with color change, furrows, and thickening)	
	8	39	Tongue fissured	

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
	14	40	Tongue geographic	
	1	41	Tongue hairy	
	3	42	Tongue median rhomboid glossitis	
	10	43	Tumor (non-specific)	
	9	45	Unknown	
	7	46	Other	
	2	48	Other - scar/surgical scar	
	2	52	Other - trauma	
	15	53	Other - denture inflamation	
	1	54	Other - fistula	
	2	55	Other - perio abscess	
	1	57	Other - bite	
	2	58	Other - blood vessel	
	31124	Blank		
2710 DEPSMRQ3		Oral soft tissue lesions: lesion 3 - smear required		
	56	1	Smear required	
	131	2	Smear not required	
	31124	Blank		
2711 DEPSMTK3		Oral soft tissue lesions: lesion 3 - smear taken		
	50	1	Smear taken	
	6	2	Smear not taken	
	31255	Blank		
2712 DEPYEAS3		Oral soft tissue lesions: lesion 3 - yeast result		
	38	0	Not found	
	3	1	Rare	
	6	2	Few	
	2	3	Moderate	
	1	4	Many	
	6	8	Blank but applicable	
	31255	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2713 DEPHYPH3		Oral soft tissue lesions: lesion 3 - hyphae result		
	41	0	Not found	
	2	1	Rare	
	5	2	Few	
	2	3	Moderate	
	6	8	Blank but applicable	
	31255	Blank		
2714 DEPCDRQ3		Oral soft tissue lesions: lesion 3 - clinical description required		
	28	1	Clinical description required	
	159	2	Clinical description not required	
	31124	Blank		
2715 DEPSTXT3		Oral soft tissue lesions: lesion 3 - extent		
	10	1	Single	
	7	2	Multifocal	
	11	3	Generalized	
	31283	Blank		
2716-2717 DEPSTLN3		Oral soft tissue lesions: lesion 3 - length, if width is coded; otherwise, diameter (mm)		
	27	00-35		
	1	99	Unknown	
	31283	Blank		
2718-2719 DEPSTWD3		Oral soft tissue lesions: lesion 3 - width, coded only if lesion is irregularly shaped, in which case length is also coded instead of diameter (mm)		
	27	00-10		
	1	99	Unknown	
	31283	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2720-2721 DEPSTHT3		Oral soft tissue lesions: lesion 3 - height (mm)		
	26	00-10		
	2	99	Unknown	
	31283	Blank		
2722 DEPSTMF3		Oral soft tissue lesions: lesion 3 - surface morphology		
	12	1	Elevated	
	1	2	Vesicle/bulla	
	6	3	Non-elevated	
	9	5	Other	
	31283	Blank		
2723-2725 DEPSTCL3		Oral soft tissue lesions: lesion 3 - color		See note
	2	001	Normal	
	8	002	White	
	8	003	Red	
	1	012	Multiple colors	
	2	013	Multiple colors	
	5	023	Multiple colors	
	1	099		
	1	345	Multiple colors	
	31283	Blank		
2726 DEPSTCS3		Oral soft tissue lesions: lesion 3 - consistency		
	8	1	Soft	
	14	2	Firm	
	1	3	Fluid-filled	
	2	4	Not applicable	
	3	5	Other	
	31283	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2727 DEPSTPN3		Oral soft tissue lesions: lesion 3 - pain		
	4	1	Yes	
	23	2	No	
	1	4	Not applicable	
	31283	Blank		
2728 DEPSTPD3		Oral soft tissue lesions: lesion 3 - duration		
	1	1	Less than 1 week	
	1	3	1 month to less than 6 months	
	6	6	Over 2 years	
	20	7	Don't know	
	31283	Blank		
2729 DEPSTHS3		Oral soft tissue lesions: lesion 3 - prior history		
	5	1	Yes	
	3	2	No	
	20	3	Don't know	
	31283	Blank		
2730-2732 DEPSTLC4		Oral soft tissue lesions: lesion 4 - locations		See note
	2	A	Upper lip	
	1	B	Upper labial mucosa	
	3	C	Lower lip	
	9	CD-VW	Multiple locations	
	1	F	Buccal mucosa (right)	
	1	K	Vestibule (upper front)	
	1	N	Gingiva (upper left)	
	2	R	Gingiva (lower front)	
	1	T	Gingiva (lower right)	
	5	U	Tongue/dorsum	
	1	X	Floor of mouth	
	1	2	Soft palate	
	6	4	Hard palate	
	31277	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2733-2734 DEPSTDX4		Oral soft tissue lesions: lesion 4 - clinical diagnosis		See note
	2	14	Angular cheilitis	
	1	18	Denture hyperplasia	
	3	19	Denture stomatitis type 1-2	
	2	20	Denture stomatitis type 3	
	3	23	Frictional white lesion	
	2	26	Herpes labialis	
	3	28	Leukoplakia homogeneous	
	1	34	Papillomas/warts	
	1	37	Smokeless tobacco associated lesion: degree 2 (wrinkling with color change)	
	3	39	Tongue fissured	
	1	40	Tongue geographic	
	1	41	Tongue hairy	
	3	43	Tumor (non-specific)	
	1	45	Unknown	
	4	46	Other	
	1	48	Other - scar/surgical scar	
	1	53	Other - denture inflamation	
	1	58	Other - blood vessel	
	31277	Blank		
2735 DEPSMRQ4		Oral soft tissue lesions: lesion 4 - smear required		
	10	1	Smear required	
	24	2	Smear not required	
	31277	Blank		
2736 DEPSMTK4		Oral soft tissue lesions: lesion 4 - smear taken		
	9	1	Smear taken	
	1	2	Smear not taken	
	31301	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code	Notes
2737 DEPYEAS4		Oral soft tissue lesions: lesion 4 - yeast result	
	8	0 Not found	
	1	2 Few	
	1	8 Blank but applicable	
	31301	Blank	
2738 DEPHYPH4		Oral soft tissue lesions: lesion 4 - hyphae result	
	6	0 Not found	
	1	1 Rare	
	2	2 Few	
	1	8 Blank but applicable	
	31301	Blank	
2739 DEPCDRQ4		Oral soft tissue lesions: lesion 4 - clinical description required	
	7	1 Clinical description required	
	27	2 Clinical description not required	
	31277	Blank	
2740 DEPSTXT4		Oral soft tissue lesions: lesion 4 - extent	
	5	1 Single	
	1	2 Multifocal	
	1	3 Generalized	
	31304	Blank	
2741 DEPSTLN4		Oral soft tissue lesions: lesion 4 - length, if width is coded; otherwise, diameter (mm)	
	7	0-5	
	31304	Blank	
2742 DEPSTWD4		Oral soft tissue lesions: lesion 4 - width, coded only if lesion is irregularly shaped, in which case length is also coded instead of diameter (mm)	
	7	0-5	
	31304	Blank	

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2743 DEPSTHT4		Oral soft tissue lesions: lesion 4 - height (mm)		
	7	0-3		
	31304	Blank		
2744 DEPSTMF4		Oral soft tissue lesions: lesion 4 - surface morphology		
	3	1	Elevated	
	2	3	Non-elevated	
	2	5	Other	
	31304	Blank		
2745 DEPSTCL4		Oral soft tissue lesions: lesion 4 - color		See note
	3	1	Normal	
	3	2	White	
	1	3	Red	
	31304	Blank		
2746 DEPSTCS4		Oral soft tissue lesions: lesion 4 - consistency		
	2	1	Soft	
	4	2	Firm	
	1	5	Other	
	31304	Blank		
2747 DEPSTPN4		Oral soft tissue lesions: lesion 4 - pain		
	1	1	Yes	
	6	2	No	
	31304	Blank		
2748 DEPSTPD4		Oral soft tissue lesions: lesion 4 - duration		
	1	6	Over 2 years	
	6	7	Don't know	
	31304	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2749 DEPSTHS4		Oral soft tissue lesions: lesion 4 - prior history		
	1	1	Yes	
	6	3	Don't know	
	31304	Blank		
2750-2751 DEPSTLC5		Oral soft tissue lesions: lesion 5 - locations		See note
	1	A	Upper lip	
	1	EG	Multiple locations	
	1	S	Vestibule (lower right)	
	1	U	Tongue/dorsum	
	1	4	Hard palate	
	31306	Blank		
2752-2753 DEPSTDX5		Oral soft tissue lesions: lesion 5 - clinical diagnosis		See note
	1	11	Actinic keratosis	
	1	14	Angular cheilitis	
	1	20	Denture stomatitis type 3	
	1	38	Smokeless tobacco associated lesion: degree 3 (wrinkling with color change, furrows, and thickening)	
	1	39	Tongue fissured	
	31306	Blank		
2754 DEPSMRQ5		Oral soft tissue lesions: lesion 5 - smear required		
	2	1	Smear required	
	3	2	Smear not required	
	31306	Blank		
2755 DEPSMTK5		Oral soft tissue lesions: lesion 5 - smear taken		
	2	1	Smear taken	
	31309	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code	Notes
2756 DEPYEAS5		Oral soft tissue lesions: lesion 5 - yeast result	
	2	0 Not found	
	31309	Blank	
2757 DEPHYPH5		Oral soft tissue lesions: lesion 5 - hyphae result	
	2	0 Not found	
	31309	Blank	
2758 DEPCDRQ5		Oral soft tissue lesions: lesion 5 - clinical description required	
	5	2 Clinical description not required	
	31306	Blank	
2759 DEPSTXT5		Oral soft tissue lesions: lesion 5 - extent	
	31311	Blank	
2760 DEPSTLN5		Oral soft tissue lesions: lesion 5 - length, if width is coded; otherwise, diameter (mm)	
	31311	Blank	
2761 DEPSTWD5		Oral soft tissue lesions: lesion 5 - width, coded only if lesion is irregularly shaped, in which case length is also coded instead of diameter (mm)	
	31311	Blank	
2762 DEPSTHT5		Oral soft tissue lesions: lesion 5 - height (mm)	
	31311	Blank	
2763 DEPSTMF5		Oral soft tissue lesions: lesion 5 - surface morphology	
	31311	Blank	

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts		Item description and code	Notes
2764 DEPSTCL5			Oral soft tissue lesions: lesion 5 - color	See note
	31311		Blank	
2765 DEPSTCS5			Oral soft tissue lesions: lesion 5 - consistency	
	31311		Blank	
2766 DEPSTPN5			Oral soft tissue lesions: lesion 5 - pain	
	31311		Blank	
2767 DEPSTPD5			Oral soft tissue lesions: lesion 5 - duration	
	31311		Blank	
2768 DEPSTHS5			Oral soft tissue lesions: lesion 5 - prior history	
	31311		Blank	
2769 DEPSTOT5			Oral soft tissue lesions: lesion 5 - other	
	31311		Blank	
2770-2771 DEPSTLC6			Oral soft tissue lesions: lesion 6 - locations	See note
	1	HG	Multiple locations	
	1	J	Gingiva (upper right)	
	1	O	Vestibule (lower left)	
	31308		Blank	
2772-2773 DEPSTDX6			Oral soft tissue lesions: lesion 6 - clinical diagnosis	See note
	1	13	Amalgam tattoo	
	1	28	Leukoplakia homogeneous	
	1	37	Smokeless tobacco associated lesion: degree 2 (wrinkling with color change)	
	31308		Blank	

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code	Notes
2774 DEPSMRQ6		Oral soft tissue lesions: lesion 6 - smear required	
	1	1 Smear required	
	2	2 Smear not required	
	31308	Blank	
2775 DEPSMTK6		Oral soft tissue lesions: lesion 6 - smear taken	
	1	1 Smear taken	
	31310	Blank	
2776 DEPYEAS6		Oral soft tissue lesions: lesion 6 - yeast result	
	1	0 Not found	
	31310	Blank	
2777 DEPHYPH6		Oral soft tissue lesions: lesion 6 - hyphae result	
	1	0 Not found	
	31310	Blank	
2778 DEPCDRQ6		Oral soft tissue lesions: lesion 6 - clinical description required	
	1	1 Clinical description required	
	2	2 Clinical description not required	
	31308	Blank	
2779 DEPSTXT6		Oral soft tissue lesions: lesion 6 - extent	
	1	1 Single	
	31310	Blank	
2780-2781 DEPSTLN6		Oral soft tissue lesions: lesion 6 - length, if width is coded; otherwise, diameter (mm)	
	1	20	
	31310	Blank	

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code		Notes
2782-2783 DEPSTWD6		Oral soft tissue lesions: lesion 6 - width, coded only if lesion is irregularly shaped, in which case length is also coded instead of diameter (mm)		
	1	20		
	31310	Blank		
2784 DEPSTHT6		Oral soft tissue lesions: lesion 6 - height (mm)		
	1	0	None/never	
	31310	Blank		
2785 DEPSTMF6		Oral soft tissue lesions: lesion 6 - surface morphology		
	1	3	Non-elevated	
	31310	Blank		
2786 DEPSTCL6		Oral soft tissue lesions: lesion 6 - color		See note
	1	2	White	
	31310	Blank		
2787 DEPSTCS6		Oral soft tissue lesions: lesion 6 - consistency		
	1	1	Soft	
	31310	Blank		
2788 DEPSTPN6		Oral soft tissue lesions: lesion 6 - pain		
	1	2	No	
	31310	Blank		
2789 DEPSTPD6		Oral soft tissue lesions: lesion 6 - duration		
	1	7	Don't know	
	31310	Blank		

DENTAL EXAMINATION

ORAL SOFT TISSUE LESIONS

Positions SAS name	Counts	Item description and code	Notes
2790 DEPSTHS6		Oral soft tissue lesions: lesion 6 - prior history	
	1	3 Don't know	
	31310	Blank	
2791 DEPSTOT6		Oral soft tissue lesions: lesion 6 - other	
	31311	Blank	

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2792 DEPRTC1		Restorations and tooth condition: upper left central incisor		
	11819	0	No treatment needed	
	57	1	Defective margin or restoration	
	79	2	Missing, partly missing, loose, fractured or temporary restoration	
	67	3	Recurrent decay on intra-coronal restoration	
	9	4	Recurrent decay on a crown	
	49	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	1	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	55	7	Pulpal involvement evident	
	59	8	Retained root(s) evident	
	2179	9	Could not be assessed	
	16937	Blank		
2793 DEPRTC2		Restorations and tooth condition: upper left lateral incisor		
	11746	0	No treatment needed	
	40	1	Defective margin or restoration	
	50	2	Missing, partly missing, loose, fractured or temporary restoration	
	78	3	Recurrent decay on intra-coronal restoration	
	4	4	Recurrent decay on a crown	
	43	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	2	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	37	7	Pulpal involvement evident	
	75	8	Retained root(s) evident	
	2299	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2794 DEPRTC3		Restorations and tooth condition: upper left cuspid		
	12148	0	No treatment needed	
	36	1	Defective margin or restoration	
	38	2	Missing, partly missing, loose, fractured or temporary restoration	
	62	3	Recurrent decay on intra-coronal restoration	
	6	4	Recurrent decay on a crown	
	39	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	4	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	40	7	Pulpal involvement evident	
	76	8	Retained root(s) evident	
	1925	9	Could not be assessed	
	16937	Blank		
2795 DEPRTC4		Restorations and tooth condition: upper left 1st bicuspid		
	10650	0	No treatment needed	
	116	1	Defective margin or restoration	
	99	2	Missing, partly missing, loose, fractured or temporary restoration	
	67	3	Recurrent decay on intra-coronal restoration	
	2	4	Recurrent decay on a crown	
	35	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	24	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	49	7	Pulpal involvement evident	
	159	8	Retained root(s) evident	
	3173	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2796 DEPRTC5		Restorations and tooth condition: upper left 2nd bicuspid		
	10629	0	No treatment needed	
	124	1	Defective margin or restoration	
	133	2	Missing, partly missing, loose, fractured or temporary restoration	
	69	3	Recurrent decay on intra-coronal restoration	
	2	4	Recurrent decay on a crown	
	36	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	34	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	60	7	Pulpal involvement evident	
	132	8	Retained root(s) evident	
	3155	9	Could not be assessed	
	16937	Blank		
2797 DEPRTC6		Restorations and tooth condition: upper left 1st molar		
	9536	0	No treatment needed	
	179	1	Defective margin or restoration	
	219	2	Missing, partly missing, loose, fractured or temporary restoration	
	91	3	Recurrent decay on intra-coronal restoration	
	1	4	Recurrent decay on a crown	
	47	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	52	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	81	7	Pulpal involvement evident	
	151	8	Retained root(s) evident	
	4017	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2798 DEPRTC7		Restorations and tooth condition: upper left 2nd molar		
	10272	0	No treatment needed	
	126	1	Defective margin or restoration	
	154	2	Missing, partly missing, loose, fractured or temporary restoration	
	66	3	Recurrent decay on intra-coronal restoration	
	3	4	Recurrent decay on a crown	
	23	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	34	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	65	7	Pulpal involvement evident	
	90	8	Retained root(s) evident	
	3541	9	Could not be assessed	
	16937	Blank		
2799 DEPRTC8		Restorations and tooth condition: upper right central incisor		
	11874	0	No treatment needed	
	38	1	Defective margin or restoration	
	70	2	Missing, partly missing, loose, fractured or temporary restoration	
	77	3	Recurrent decay on intra-coronal restoration	
	4	4	Recurrent decay on a crown	
	50	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	2	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	48	7	Pulpal involvement evident	
	43	8	Retained root(s) evident	
	2168	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2800 DEPRTC9		Restorations and tooth condition: upper right lateral incisor		
	11765	0	No treatment needed	
	46	1	Defective margin or restoration	
	65	2	Missing, partly missing, loose, fractured or temporary restoration	
	78	3	Recurrent decay on intra-coronal restoration	
	4	4	Recurrent decay on a crown	
	44	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	5	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	43	7	Pulpal involvement evident	
	77	8	Retained root(s) evident	
	2247	9	Could not be assessed	
	16937	Blank		
2801 DEPRTC10		Restorations and tooth condition: upper right cuspid		
	12207	0	No treatment needed	
	33	1	Defective margin or restoration	
	35	2	Missing, partly missing, loose, fractured or temporary restoration	
	66	3	Recurrent decay on intra-coronal restoration	
	3	4	Recurrent decay on a crown	
	35	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	1	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	40	7	Pulpal involvement evident	
	77	8	Retained root(s) evident	
	1877	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2802 DEPRTC11		Restorations and tooth condition: upper right 1st bicuspid		
	10744	0	No treatment needed	
	94	1	Defective margin or restoration	
	89	2	Missing, partly missing, loose, fractured or temporary restoration	
	56	3	Recurrent decay on intra-coronal restoration	
	7	4	Recurrent decay on a crown	
	34	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	27	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	65	7	Pulpal involvement evident	
	125	8	Retained root(s) evident	
	3133	9	Could not be assessed	
	16937	Blank		
2803 DEPRTC12		Restorations and tooth condition: upper right 2nd bicuspid		
	10713	0	No treatment needed	
	107	1	Defective margin or restoration	
	108	2	Missing, partly missing, loose, fractured or temporary restoration	
	70	3	Recurrent decay on intra-coronal restoration	
	2	4	Recurrent decay on a crown	
	49	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	33	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	58	7	Pulpal involvement evident	
	116	8	Retained root(s) evident	
	3118	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2804 DEPRTC13		Restorations and tooth condition: upper right 1st molar		
	9531	0	No treatment needed	
	172	1	Defective margin or restoration	
	203	2	Missing, partly missing, loose, fractured or temporary restoration	
	79	3	Recurrent decay on intra-coronal restoration	
	43	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	54	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	78	7	Pulpal involvement evident	
	142	8	Retained root(s) evident	
	4072	9	Could not be assessed	
	16937	Blank		
2805 DEPRTC14		Restorations and tooth condition: upper right 2nd molar		
	10318	0	No treatment needed	
	128	1	Defective margin or restoration	
	146	2	Missing, partly missing, loose, fractured or temporary restoration	
	80	3	Recurrent decay on intra-coronal restoration	
	3	4	Recurrent decay on a crown	
	20	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	31	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	70	7	Pulpal involvement evident	
	102	8	Retained root(s) evident	
	3476	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2806 DEPRTC15		Restorations and tooth condition: lower left central incisor		
	13008	0	No treatment needed	
	16	2	Missing, partly missing, loose, fractured or temporary restoration	
	9	3	Recurrent decay on intra-coronal restoration	
	12	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	8	7	Pulpal involvement evident	
	14	8	Retained root(s) evident	
	1307	9	Could not be assessed	
	16937	Blank		
2807 DEPRTC16		Restorations and tooth condition: lower left lateral incisor		
	13101	0	No treatment needed	
	10	1	Defective margin or restoration	
	13	2	Missing, partly missing, loose, fractured or temporary restoration	
	12	3	Recurrent decay on intra-coronal restoration	
	1	4	Recurrent decay on a crown	
	10	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	1	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	14	7	Pulpal involvement evident	
	24	8	Retained root(s) evident	
	1188	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2808 DEPRTC17		Restorations and tooth condition: lower left cuspid		
	13382	0	No treatment needed	
	9	1	Defective margin or restoration	
	21	2	Missing, partly missing, loose, fractured or temporary restoration	
	28	3	Recurrent decay on intra-coronal restoration	
	2	4	Recurrent decay on a crown	
	11	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	2	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	15	7	Pulpal involvement evident	
	26	8	Retained roots evident	
	878	9	Could not be assessed	
	16937	Blank		
2809 DEPRTC18		Restorations and tooth condition: lower left 1st bicuspid		
	12320	0	No treatment needed	
	41	1	Defective margin or restoration	
	49	2	Missing, partly missing, loose, fractured or temporary restoration	
	53	3	Recurrent decay on intra-coronal restoration	
	2	4	Recurrent decay on a crown	
	21	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	11	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	27	7	Pulpal involvement evident	
	75	8	Retained root(s) evident	
	1775	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2810 DEPRTC19		Restorations and tooth condition: lower left 2nd bicuspid		
	11567	0	No treatment needed	
	80	1	Defective margin or restoration	
	95	2	Missing, partly missing, loose, fractured or temporary restoration	
	67	3	Recurrent decay on intra-coronal restoration	
	2	4	Recurrent decay on a crown	
	32	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	21	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	36	7	Pulpal involvement evident	
	95	8	Retained root(s) evident	
	2379	9	Could not be assessed	
	16937	Blank		
2811 DEPRTC20		Restorations and tooth condition: lower left 1st molar		
	8265	0	No treatment needed	
	135	1	Defective margin or restoration	
	234	2	Missing, partly missing, loose, fractured or temporary restoration	
	82	3	Recurrent decay on intra-coronal restoration	
	76	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	103	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	97	7	Pulpal involvement evident	
	156	8	Retained root(s) evident	
	5226	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2812 DEPRTC21		Restorations and tooth condition: lower left 2nd molar		
	9443	0	No treatment needed	
	112	1	Defective margin or restoration	
	161	2	Missing, partly missing, loose, fractured or temporary restoration	
	87	3	Recurrent decay on intra-corornal restoration	
	1	4	Recurrent decay on a crown	
	48	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	86	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	86	7	Pulpal involvement evident	
	99	8	Retained root(s) evident	
	4251	9	Could not be assessed	
	16937	Blank		
2813 DEPRTC22		Restorations and tooth condition: lower right central incisor		
	12997	0	No treatment needed	
	5	1	Defective margin or restoration	
	15	2	Missing, partly missing, loose, fractured or temporary restoration	
	6	3	Recurrent decay on intra-coronal restoration	
	1	4	Recurrent decay on a crown	
	13	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	1	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	4	7	Pulpal involvement evident	
	12	8	Retained root(s) evident	
	1320	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2814 DEPRTC23		Restorations and tooth condition: lower right lateral incisor		
	13111	0	No treatment needed	
	7	1	Defective margin or restoration	
	14	2	Missing, partly missing, loose, fractured or temporary restoration	
	13	3	Recurrent decay on intra-coronal restoration	
	1	4	Recurrent decay on a crown	
	9	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	12	7	Pulpal involvement evident	
	22	8	Retained root(s) evident	
	1185	9	Could not be assessed	
	16937	Blank		
2815 DEPRTC24		Restorations and tooth condition: lower right cuspid		
	13401	0	No treatment needed	
	9	1	Defective margin or restoration	
	20	2	Missing, partly missing, loose, fractured or temporary restoration	
	30	3	Recurrent decay on intra-coronal restoration	
	5	4	Recurrent decay on a crown	
	11	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	2	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	18	7	Pulpal involvement evident	
	31	8	Retained root(s) evident	
	847	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2816 DEPRTC25		Restorations and tooth condition: lower right 1st bicuspid		
	12280	0	No treatment needed	
	48	1	Defective margin or restoration	
	48	2	Missing, partly missing, loose, fractured or temporary restoration	
	60	3	Recurrent decay on intra-coronal restoration	
	3	4	Recurrent decay on a crown	
	23	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	15	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	38	7	Pulpal involvement evident	
	69	8	Retained root(s) evident	
	1790	9	Could not be assessed	
	16937	Blank		
2817 DEPRTC26		Restorations and tooth condition: lower right 2nd bicuspid		
	11483	0	No treatment needed	
	87	1	Defective margin or restoration	
	99	2	Missing, partly missing, loose, fractured or temporary restoration	
	62	3	Recurrent decay on intra-coronal restoration	
	36	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	32	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	54	7	Pulpal involvement evident	
	78	8	Retained root(s) evident	
	2443	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

RESTORATIONS AND TOOTH CONDITIONS

Positions SAS name	Counts	Item description and code		Notes
2818 DEPRTC27		Restorations and tooth condition: lower right 1st molar		
	8339	0	No treatment needed	
	177	1	Defective margin or restoration	
	255	2	Missing, partly missing, loose, fractured or temporary restoration	
	102	3	Recurrent decay on intra-coronal restoration	
	1	4	Recurrent decay on a crown	
	63	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	97	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	121	7	Pulpal involvement evident	
	127	8	Retained root(s) evident	
	5092	9	Could not be assessed	
	16937	Blank		
2819 DEPRTC28		Restorations and tooth condition: lower right 2nd molar		
	9424	0	No treatment needed	
	127	1	Defective margin or restoration	
	159	2	Missing, partly missing, loose, fractured or temporary restoration	
	100	3	Recurrent decay on intra-coronal restoration	
	2	4	Recurrent decay on a crown	
	43	5	Missing, loose or temporary crowns or bridges, broken connector and/or missing veneer material on posterior crowns or bridge	
	68	6	Fracture of tooth structure associated with a restoration, crown, or bridge	
	84	7	Pulpal involvement evident	
	88	8	Retained root(s) evident	
	4279	9	Could not be assessed	
	16937	Blank		

DENTAL EXAMINATION

TRAUMA

Positions SAS name	Counts	Item description and code		Notes
2820		Trauma: upper left central incisor		
DEPUTRA1	12272	0	No traumatic injury	
	816	1	Untreated enamel fracture not involving dentine	
	392	2	Unrestored fracture involving dentine	
	99	3	Untreated injury evidenced by dark discoloration, swelling and/or fistula	
	405	4	Restored fracture	
	63	5	Endodontic therapy following traumatic injury	
	189	6	Tooth missing due to trauma	
	1427	9	Could not be assessed	
	15648	Blank		
2821		Trauma: upper left lateral incisor		
DEPUTRA2	13106	0	No traumatic injury	
	229	1	Untreated enamel fracture not involving dentine	
	63	2	Unrestored fracture involving dentine	
	15	3	Untreated injury evidenced by dark discoloration, swelling and/or fistula	
	75	4	Restored fracture	
	18	5	Endodontic therapy following traumatic injury	
	101	6	Tooth missing due to trauma	
	2056	9	Could not be assessed	
	15648	Blank		

DENTAL EXAMINATION

TRAUMA

Positions SAS name	Counts	Item description and code		Notes
2822		Trauma: upper right central incisor		
DEPUTRA3	12244	0	No traumatic injury	
	821	1	Untreated enamel fracture not involving dentine	
	400	2	Unrestored fracture involving dentine	
	90	3	Untreated injury evidenced by dark discoloration, swelling and/or fistula	
	383	4	Restored fracture	
	82	5	Endodontic therapy following traumatic injury	
	196	6	Tooth missing due to trauma	
	1447	9	Could not be assessed	
	15648	Blank		
2823		Trauma: upper right lateral incisor		
DEPUTRA4	13116	0	No traumatic injury	
	192	1	Untreated enamel fracture not involving dentine	
	84	2	Unrestored fracture involving dentine	
	16	3	Untreated injury evidenced by dark discoloration, swelling and/or fistula	
	76	4	Restored fracture	
	17	5	Endodontic therapy following traumatic injury	
	75	6	Tooth missing due to trauma	
	2087	9	Could not be assessed	
	15648	Blank		

DENTAL EXAMINATION

TRAUMA

Positions SAS name	Counts	Item description and code		Notes
2824		Trauma: lower left central incisor		
DEPLTRA1	14824	0	No traumatic injury	
	193	1	Untreated enamel fracture not involving dentine	
	81	2	Unrestored fracture involving dentine	
	13	3	Untreated injury evidenced by dark discoloration, swelling and/or fistula	
	39	4	Restored fracture	
	7	5	Endodontic therapy following traumatic injury	
	40	6	Tooth missing due to trauma	
	466	9	Could not be assessed	
	15648	Blank		
2825		Trauma: lower left lateral incisor		
DEPLTRA2	14557	0	No traumatic injury	
	99	1	Untreated enamel fracture not involving dentine	
	42	2	Unrestored fracture involving dentine	
	4	3	Untreated injury evidenced by dark discoloration, swelling and/or fistula	
	10	4	Restored fracture	
	5	5	Endodontic therapy following traumatic injury	
	29	6	Tooth missing due to trauma	
	917	9	Could not be assessed	
	15648	Blank		

DENTAL EXAMINATION

TRAUMA

Positions SAS name	Counts	Item description and code		Notes
2826		Trauma: lower right central incisor		
DEPLTRA3	14826	0	No traumatic injury	
	198	1	Untreated enamel fracture not involving dentine	
	73	2	Unrestored fracture involving dentine	
	13	3	Untreated injury evidenced by dark discoloration, swelling and/or fistula	
	33	4	Restored fracture	
	10	5	Endodontic therapy following traumatic injury	
	41	6	Tooth missing due to trauma	
	469	9	Could not be assessed	
	15648	Blank		
2827		Trauma: lower right lateral incisor		
DEPLTRA4	14549	0	No traumatic injury	
	120	1	Untreated enamel fracture not involving dentine	
	43	2	Unrestored fracture involving dentine	
	10	3	Untreated injury evidenced by dark discoloration, swelling and/or fistula	
	6	4	Restored fracture	
	2	5	Endodontic therapy following traumatic injury	
	22	6	Tooth missing due to trauma	
	911	9	Could not be assessed	
	15648	Blank		

DENTAL EXAMINATION

OCCLUSAL CHARACTERISTICS

Positions SAS name	Counts	Item description and code	Notes
2828-2829 DEPUAL1		Occlusal characteristics: incisor alignment - upper right canine to lateral (mm)	
	11344	00-09	
	3249	99 Could not be assessed	
	16718	Blank	
2830-2831 DEPUAL2		Occlusal characteristics: incisor alignment - upper right lateral to central (mm)	
	12554	00-09	
	2039	99 Could not be assessed	
	16718	Blank	
2832-2833 DEPUAL3		Occlusal characteristics: incisor alignment - upper right central to left central (mm)	
	12854	00-07	
	1739	99 Could not be assessed	
	16718	Blank	
2834-2835 DEPUAL4		Occlusal characteristics: incisor alignment - upper left central to left lateral (mm)	
	12554	00-09	
	2039	99 Could not be assessed	
	16718	Blank	
2836-2837 DEPUAL5		Occlusal characteristics: incisor alignment - upper left lateral to left canine (mm)	
	11352	00-09	
	3241	99 Could not be assessed	
	16718	Blank	

DENTAL EXAMINATION

OCCLUSAL CHARACTERISTICS

Positions SAS name	Counts	Item description and code	Notes
2838-2839 DEPLAL1		Occlusal characteristics: incisor alignment - lower left canine to left lateral (mm)	
	12729	00-09	
	1864	99 Could not be assessed	
	16718	Blank	
2840-2841 DEPLAL2		Occlusal characteristics: incisor alignment - lower left lateral to left central (mm)	
	14020	00-07	
	573	99 Could not be assessed	
	16718	Blank	
2842-2843 DEPLAL3		Occlusal characteristics: incisor alignment - lower left central to right central (mm)	
	14115	00-07	
	478	99 Could not be assessed	
	16718	Blank	
2844-2845 DEPLAL4		Occlusal characteristics: incisor alignment - lower right central to right lateral (mm)	
	14012	00-09	
	581	99 Could not be assessed	
	16718	Blank	
2846-2847 DEPLAL5		Occlusal characteristics: incisor alignment - lower right lateral to right canine (mm)	
	12726	00-09	
	1867	99 Could not be assessed	
	16718	Blank	

DENTAL EXAMINATION

OCCLUSAL CHARACTERISTICS

Positions SAS name	Counts	Item description and code		Notes
2848		Occlusal characteristics: maxillary - diastema		
DEPDIAS	11277	0	No diastema	
	1533	1	Diastema greater than or equal to 2 mm	
	1783	9	Could not be assessed	
	16718	Blank		
2849		Occlusal characteristics: posterior - cross bite		
DEPXBITE	9030	0	No posterior crossbite	
	866	1	Posterior crossbite	
	4697	9	Could not be assessed	
	16718	Blank		
2850-2851		Occlusal characteristics: overjet (mm)		
DEPOVJET	13102	-8-12		
	1491	99	Could not be assessed	
	16718	Blank		
2852-2853		Occlusal characteristics: openbite (mm)		
DEPOPB	656	00-11		
	13847	99	Could not be assessed	
	16808	Blank		
2854-2855		Occlusal characteristics: overbite (mm)		See note
DEPOVB	13057	00-15		
	1525	99	Could not be assessed	
	16729	Blank		

DENTAL EXAMINATION

DENTURE QUESTIONNAIRE

Positions SAS name	Counts	Item description and code		Notes
2856		Denture questionnaire: Do you usually		
DEPDQU1		wear your upper denture plate?		
	1445	1	All the time	
	873	2	Only when awake	
	161	3	Only occasionally	
	92	4	Do not wear them	
	28740	Blank		
2857		Denture questionnaire: During the past		
DEPDQU2		year, have you had problems with your upper denture plate?		
	374	1	Yes	
	2197	2	No	
	28740	Blank		
2858		Denture questionnaire: Do you think		
DEPDQU3		that you need a new upper jaw denture plate or that the one you have needs refitting?		
	930	1	Yes	
	1641	2	No	
	28740	Blank		
2859		Denture questionnaire: How long has it		
DEPDQU4		been since you had any natural teeth to chew with in your upper jaw?		
	106	1	Less than one year	
	276	2	1 to less than 5 years	
	364	3	5 to less than 10 years	
	661	4	10 to less than 20 years	
	1309	5	20 or more years	
	28595	Blank		
2860		Denture questionnaire: Do you usually		
DEPDQL1		wear your lower denture plate?		
	775	1	All the time	
	689	2	Only when awake	
	151	3	Only occasionally	
	150	4	Do not wear them	
	29546	Blank		

DENTAL EXAMINATION

DENTURE QUESTIONNAIRE

Positions SAS name	Counts	Item description and code		Notes
2861 DEPDQL2		Denture questionnaire: During the past year, have you had problems with your lower denture plate?		
	425	1	Yes	
	1340	2	No	
	29546	Blank		
2862 DEPDQL3		Denture questionnaire: Do you think that you need a new lower jaw denture plate or that the one you have needs refitting?		
	748	1	Yes	
	1017	2	No	
	29546	Blank		
2863 DEPDQL4		Denture questionnaire: How long has it been since you had any natural teeth to chew with in your lower jaw?		
	68	1	Less than one year	
	188	2	1 to less than 5 years	
	211	3	5 to less than 10 years	
	464	4	10 to less than 20 years	
	983	5	20 or more years	
	29397	Blank		

DENTAL EXAMINATION

PROSTHESIS ASSESSMENT

Positions SAS name	Counts	Item description and code		Notes
2864		Prosthesis assessment: upper denture -		
DEPUPTYP		type		
	2419	1	Full denture	
	813	2	Partial denture	
	561	3	Unable to evaluate	
	27518	Blank		
2865		Prosthesis assessment: upper denture -		
DEPUPAI		integrity		
	2613	0	Criteria are not met	
	613	1	Criteria are met	
	28085	Blank		
2866		Prosthesis assessment: upper denture -		
DEPUPAW		excessive tooth wear		
	2613	0	Criteria are not met	
	613	1	Criteria are met	
	28085	Blank		
2867		Prosthesis assessment: upper denture -		
DEPUPARL		reline material, conditioner or denture adhesive		
	2773	0	Criteria are not met	
	453	1	Criteria are met	
	28085	Blank		
2868		Prosthesis assessment: upper denture -		
DEPUPAS		stability		
	1905	0	Criteria are not met	
	1321	1	Criteria are met	
	28085	Blank		
2869		Prosthesis assessment: upper denture -		
DEPUPART		retention		
	2713	0	Criteria are not met	
	513	1	Criteria are met	
	28085	Blank		

DENTAL EXAMINATION

PROSTHESIS ASSESSMENT

Positions SAS name	Counts	Item description and code		Notes
2870		Prosthesis assessment: lower denture -		
DEPLPTYP		type		
	1550	1	Full denture	
	793	2	Partial denture	
	696	3	Unable to evaluate	
	28272	Blank		
2871		Prosthesis assessment: lower denture -		
DEPLPAI		integrity		
	2029	0	Criteria are not met	
	312	1	Criteria are met	
	28970	Blank		
2872		Prosthesis assessment: lower denture -		
DEPLPAW		excessive tooth wear		
	1904	0	Criteria are not met	
	437	1	Criteria are met	
	28970	Blank		
2873		Prosthesis assessment: lower denture -		
DEPLPARL		reline material, conditioner or denture adhesive		
	2017	0	Criteria are not met	
	324	1	Criteria are met	
	28970	Blank		
2874		Prosthesis assessment: lower denture -		
DEPLPAS		stability		
	1052	0	Criteria are not met	
	1289	1	Criteria are met	
	28970	Blank		
2875		Prosthesis assessment: lower denture -		
DEPLPART		retention		
	1124	0	Criteria are not met	
	1217	1	Criteria are met	
	28970	Blank		

NOTES

DEPCCFLG: Completion code: coronal caries

This variable was constructed to help the analyst decide whether or not to include an examinee with incomplete or missing data on the coronal caries component in the analysis of that component. Examinees who have no valid or useful data have a completion code of "3 Not assessed."

DEPCJFLG, DEPCLFLG, DEPGNFLG, DEPLAFLG, DEPPCFLG: Completion codes

These variables were constructed to help the analyst decide whether or not to include an examinee with incomplete or missing data on the periodontal component in the analysis of that component. For examinees who were medically excluded from periodontal components or who were not in the age range to receive these assessments, the periodontal component data and the completion code are blank. Examinees who were completely edentulous or who otherwise have no valid or useful data have a completion code of "3 Not assessed."

DEPCLFLG: Completion code: calculus

See note for DEPCJFLG.

DEPDQFLG: Completion code: denture questionnaire

This variable was constructed to help the analyst decide whether or not to include an examinee with incomplete or missing data on the denture questionnaire in the analysis of that component. For examinees who were not in the age range to receive these assessments, the denture questionnaire data and the completion code are blank.

DEPGNFLG: Completion code: gingival bleeding

See note for DEPCJFLG.

DEPLAFLG: Completion code: loss of attachment

See note for DEPCJFLG.

DEPLQUAD and DEPUQUAD: Upper and lower quadrant periodontal assessment indicators

The right and left upper and lower quadrant indicators for the periodontal components were generated by the direct data entry computer program at the beginning of the examination. Therefore, indicators may be present for examinees who did not have measurements or who were edentulous. Note that because the value for the periodontal component is blank, while the quadrant indicators remained set, there will be a discrepancy between these counts.

DEPOVB: Occlusal characteristics: overbite (mm)

Overbite was calculated by subtraction of overlap from crown height. The exact measurement process is fully described in the Oral Examination Component manual (U.S. DHHS, 1996b).

DEPPCFLG: Completion code: pocket assessment

See note for DEPCJFLG.

DEPRCFLG: Completion code: restorations and tooth conditions

This variable was constructed to help the analyst decide whether or not to include an examinee with incomplete or missing data on the restorations and tooth conditions component in the analysis of that component. For examinees who were not in the age range to receive these assessments, the restoration and tooth conditions data and the completion code are blank. Examinees who were completely edentulous or who otherwise have no valid or useful data have a completion code of "3 Not assessed."

DEPRSFLG: Completion code: root caries

This variable was constructed to help the analyst decide whether or not to include an examinee with incomplete or missing data on the root caries component in the analysis of that component. For examinees who were medically excluded from the root caries component or who were not in the age range to receive the assessment, the component data and the completion code are blank. Examinees who were completely edentulous or who otherwise have no valid or useful data have a completion code of "3 Not assessed."

DEPSE1-DEPSE28: Sealants

The code "2 Not eligible for sealants" was used 1) for certain teeth not shaped to hold preventive sealants and 2) for missing, crowned, or filled teeth.

DEPSTCL1, DEPSTCL2, DEPSTCL3, DEPSTCL4, DEPSTCL5, DEPSTCL6:
Oral soft tissue lesions: color

More than one color could be indicated for each lesion. Each color is a single digit, so multiple digits indicate combinations of colors. To determine what specific colors were present, one must separate character strings into their single characters.

DEPSTDX1, DEPSTDX2, DEPSTDX3, DEPSTDX4, DEPSTDX5, DEPSTDX6:
Oral soft tissue lesions: clinical diagnosis

The "unknown" code represents a specific diagnosis of a lesion that did not fit into any of the named categories. A lesion of "unknown" diagnosis required a clinical description. The "other" codes (46 to 59) include identifiable lesions that were different from soft tissue lesions of interest. During the examination, the dentist wrote in a diagnosis for lesions designated as "other." During data processing the 13 most frequently observed written-in conditions were grouped and coded separately (codes 47-59); the remaining rarer conditions were retained in code 46.

DEPSTLC1, DEPSTLC2, DEPSTLC3, DEPSTLC4, DEPSTLC5, DEPSTLC6:
Oral soft tissue lesions: locations

More than one location could be indicated for each clinical diagnosis. Multiple locations are shown as combined letters and numbers. To determine what specific locations were affected, one must separate character strings into their single characters.

DEPTRFLG: Completion code: traumatic injuries

This variable was constructed to help the analyst decide whether or not to include an examinee with incomplete or missing data on the traumatic injuries component in the analysis of that component. For examinees who were not in the age range to receive these assessments, the traumatic injuries data and the completion code are blank. Examinees who were completely edentulous or who otherwise have no valid or useful data have a completion code of "3 Not assessed."

DEPUQUAD: Upper quadrant periodontal assessment indicator

See note for DEPLQUAD.

ALLERGY SKIN TEST

Allergy skin reactivity testing was conducted on all examinees aged 6-19 years and on a random half-sample of examinees aged 20-59 years by a trained examiner in the mobile examination center (MEC).

Before skin testing, screening questions were asked to determine medical safety exclusions. Those excluded from testing were examinees who: usually did not have trouble breathing in their chest or lungs but who were having trouble breathing at the time of the examination (this trouble was NOT due to nasal congestion from a cold), usually had trouble breathing in their chest or lungs and had more trouble breathing at the time of the exam, had a severe response to allergen skin testing previously, or had severe eczema or infection on both arms.

Because this examination was administered to a selected subsample in the examination center, the allergy sample weight (WTPFALG6) should be used for data analysis. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

The allergy skin test consisted of the evaluation of immediate hypersensitivity reactions to any of 10 licensed, commercially available, FDA-approved, standardized allergens as well as positive and negative controls. The extracts were indoor allergens (Dermatophagoides farinae (house mite), cat, German cockroach), outdoor allergens (short ragweed, perennial rye, Alternaria alternata, Bermuda grass, Russian thistle, white oak), and a food allergen (peanut). The positive control was histamine, and the negative control was the glycerinated diluent. Examiners prepared fresh allergen solutions upon arrival at each MEC site.

Hypersensitivity reactions were evaluated after administering the allergens on an examinee's forearms. Allergens were applied using the prick-puncture technique at 12 skin sites (one for each allergen and the positive and negative controls) determined by a clear, plastic template. The flare and wheal areas were delineated with a marking pen 15 minutes after the skin was punctured and the allergens were applied.

The length and width of the flare and wheal were measured with a 100-mm flexible, clear, plastic ruler. Length was defined as the longest diameter of the reaction, and width was defined as the diameter perpendicular to the length at its midpoint. If a reaction had any dimension 3 mm or greater, all four dimensions (length and width of flare and wheal) were measured and recorded. If all four dimensions were less than 3 mm, zeroes were recorded for all the measurements. Confluence was noted for both allergens if two reactions overlapped. For details of the allergy testing protocol, see the Training Manual for Allergy Component (U.S. DHHS, 1996b).

The NHANES III allergy skin test was administered by health technicians who were trained to perform the testing. Training occurred before the examination period at special training sessions held at NCHS or at the offices of the contractor responsible for survey operations. The component was monitored on a regular basis by the component consultant, and retraining was conducted annually. In addition to data collection training, the technicians were trained to recognize and respond to generalized hypersensitivity reactions. A physician was in the MEC during all examinations, and drugs for treating systemic allergic reactions were available.

Information on respiratory symptoms related to allergies can be found in the Household Adult Data File (for examinees aged 17 years and over) and the Household Youth Data File (for examinees aged 2 months-16 years).

The allergen data fields are blank for examinees who were excluded for safety reasons. For those examinees who were eligible for the allergy skin test but for whom allergen data were not collected, the allergen measurement fields have "888 Blank but applicable" values. In most cases, these missing data were due to examinees not participating in the allergy skin test, usually due to time constraints. In other cases, however, data on some but not all allergens were collected. These gaps in the data were due to refusals to continue the testing or to receive specific allergens.

All measurements were taken within the acceptable time of 15 plus or minus 5 minutes except for one examinee who was measured at 23 minutes after the administration of the allergens and the controls. Therefore, the variables indicating the minutes from administration to reading for each allergen were not included on this data file.

Data processing and editing were performed to ensure internal data consistency.

ALLERGY SKIN TEST

SCREENING QUESTIONS AND GENERAL INFORMATION

Positions SAS name	Counts	Item description and code		Notes
2876		Are you now having problems breathing in your chest or lungs?		
ALPQ1				
	198	1	Yes	
	10782	2	No (ALPQ4)	
	1126	8	Blank but applicable	
	19205	Blank		
2877		Do you usually have breathing problems in your chest or lungs?		
ALPQ2				
	110	1	Yes	
	88	2	No - exclude	
	1126	8	Blank but applicable	
	29987	Blank		
2878		Is your current breathing problem worse than usual in your chest or lungs?		
ALPQ3				
	25	1	Yes - exclude	
	84	2	No	
	1127	8	Blank but applicable	
	30075	Blank		
2879		Have you had a past severe reaction to allergen skin testing?		
ALPQ4				
	50	1	Yes - exclude	
	10812	2	No	
	1131	8	Blank but applicable	
	19318	Blank		
2880		Does sample person have severe eczema or infection on both arms?		
ALPQ5				
	11	1	Yes - exclude	
	10800	2	No	
	1132	8	Blank but applicable	
	19368	Blank		

ALLERGY SKIN TEST

TEST RESULTS

Positions SAS name	Counts	Item description and code		Notes
2881		Negative control - arm		
ALPNEGAR	12	1	Right arm	
	10850	2	Left arm	
	1070	8	Blank but applicable	
	19379	Blank		
2882-2884		Negative control - flare length (mm)		
ALPNEGFL	10863	000-067		
	1069	888	Blank but applicable	
	19379	Blank		
2885-2887		Negative control - flare width (mm)		
ALPNEGFW	10863	000-033		
	1069	888	Blank but applicable	
	19379	Blank		
2888		Negative control - confluent		
ALPNEGCN	3	1	Yes	
	10860	2	No	
	1069	8	Blank but applicable	
	19379	Blank		
2889-2891		Negative control - wheal length (mm)		
ALPNEGWL	10863	000-012		
	1069	888	Blank but applicable	
	19379	Blank		
2892-2894		Negative control - wheal width (mm)		
ALPNEGWW	10863	000-006		
	1069	888	Blank but applicable	
	19379	Blank		
2895		White oak - arm		
ALPWHIAR	5	1	Right arm	
	10854	2	Left arm	
	1073	8	Blank but applicable	
	19379	Blank		

ALLERGY SKIN TEST

TEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
2896-2898		White oak - flare length (mm)	
ALPWHIFL	10858	000-075	
	1074	888 Blank but applicable	
	19379	Blank	
2899-2901		White oak - flare width (mm)	
ALPWHIFW	10858	000-065	
	1074	888 Blank but applicable	
	19379	Blank	
2902		White oak - confluent	
ALPWHICN	61	1 Yes	
	10797	2 No	
	1074	8 Blank but applicable	
	19379	Blank	
2903-2905		White oak - wheal length (mm)	
ALPWHIWL	10859	000-037	
	1073	888 Blank but applicable	
	19379	Blank	
2906-2908		White oak - wheal width (mm)	
ALPWHIWW	10859	000-018	
	1073	888 Blank but applicable	
	19379	Blank	
2909		Cat - arm	
ALPCATAR	5	1 Right arm	
	10850	2 Left arm	
	1077	8 Blank but applicable	
	19379	Blank	
2910-2912		Cat - flare length (mm)	
ALPCATFL	10855	000-078	
	1077	888 Blank but applicable	
	19379	Blank	

ALLERGY SKIN TEST

TEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
2913-2915		Cat - flare width (mm)	
ALPCATFW	10855	000-049	
	1077	888 Blank but applicable	
	19379	Blank	
2916		Cat - confluent	
ALPCATCN	96	1 Yes	
	10758	2 No	
	1078	8 Blank but applicable	
	19379	Blank	
2917-2919		Cat - wheal length (mm)	
ALPCATWL	10855	000-030	
	1077	888 Blank but applicable	
	19379	Blank	
2920-2922		Cat - wheal width (mm)	
ALPCATWW	10855	000-017	
	1077	888 Blank but applicable	
	19379	Blank	
2923		Mite - arm	
ALPMITAR	5	1 Right arm	
	10850	2 Left arm	
	1077	8 Blank but applicable	
	19379	Blank	
2924-2926		Mite - flare length (mm)	
ALPMITFL	10854	000-104	
	1078	888 Blank but applicable	
	19379	Blank	
2927-2929		Mite - flare width (mm)	
ALPMITFW	10854	000-064	
	1078	888 Blank but applicable	
	19379	Blank	

ALLERGY SKIN TEST

TEST RESULTS

Positions SAS name	Counts	Item description and code		Notes
2930		Mite - confluent		
ALPMITCN	162	1	Yes	
	10692	2	No	
	1078	8	Blank but applicable	
	19379	Blank		
2931-2933		Mite - wheal length (mm)		
ALPMITWL	10855	000-073		
	1077	888	Blank but applicable	
	19379	Blank		
2934-2936		Mite - wheal width (mm)		
ALPMITWW	10855	000-016		
	1077	888	Blank but applicable	
	19379	Blank		
2937		Alternaria - arm		
ALPALTAR	5	1	Right arm	
	10850	2	Left arm	
	1077	8	Blank but applicable	
	19379	Blank		
2938-2940		Alternaria - flare length (mm)		
ALPALTFL	10855	000-110		
	1077	888	Blank but applicable	
	19379	Blank		
2941-2943		Alternaria - flare width (mm)		
ALPALTFW	10855	000-054		
	1077	888	Blank but applicable	
	19379	Blank		
2944		Alternaria - confluent		
ALPALTCN	148	1	Yes	
	10706	2	No	
	1078	8	Blank but applicable	
	19379	Blank		

ALLERGY SKIN TEST

TEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
2945-2947		Alternaria - wheal length (mm)	
ALPALTWL	10855	000-027	
	1077	888 Blank but applicable	
	19379	Blank	
2948-2950		Alternaria - wheal width (mm)	
ALPALTWW	10855	000-018	
	1077	888 Blank but applicable	
	19379	Blank	
2951		Rye grass - arm	
ALPRYEAR	5	1 Right arm	
	10850	2 Left arm	
	1077	8 Blank but applicable	
	19379	Blank	
2952-2954		Rye grass - flare length (mm)	
ALPRYEFL	10854	000-120	
	1078	888 Blank but applicable	
	19379	Blank	
2955-2957		Rye grass - flare width (mm)	
ALPRYEFW	10854	000-083	
	1078	888 Blank but applicable	
	19379	Blank	
2958		Rye grass - confluent	
ALPRYECN	164	1 Yes	
	10691	2 No	
	1077	8 Blank but applicable	
	19379	Blank	
2959-2961		Rye grass - wheal length (mm)	
ALPRYEWL	10855	000-061	
	1077	888 Blank but applicable	
	19379	Blank	

ALLERGY SKIN TEST

TEST RESULTS

Positions SAS name	Counts	Item description and code		Notes
2962-2964		Rye grass - wheal width (mm)		
ALPRYEWW	10855	000-038		
	1077	888	Blank but applicable	
	19379	Blank		
2965		Peanut - arm		
ALPPEAAR	10842	1	Right arm	
	7	2	Left arm	
	1083	8	Blank but applicable	
	19379	Blank		
2966-2968		Peanut - flare length (mm)		
ALPPEAFL	10849	000-077		
	1083	888	Blank but applicable	
	19379	Blank		
2969-2971		Peanut - flare width (mm)		
ALPPEAFW	10849	000-044		
	1083	888	Blank but applicable	
	19379	Blank		
2972		Peanut - confluent		
ALPPEACN	18	1	Yes	
	10830	2	No	
	1084	8	Blank but applicable	
	19379	Blank		
2973-2975		Peanut - wheal length (mm)		
ALPPEAWL	10849	000-031		
	1083	888	Blank but applicable	
	19379	Blank		
2976-2978		Peanut - wheal width (mm)		
ALPPEAWW	10849	000-011		
	1083	888	Blank but applicable	
	19379	Blank		

ALLERGY SKIN TEST

TEST RESULTS

Positions SAS name	Counts	Item description and code		Notes
2979		Russian thistle - arm		
ALPTHIAR	10841	1	Right arm	
	7	2	Left arm	
	1084	8	Blank but applicable	
	19379	Blank		
2980-2982		Russian thistle - flare length (mm)		
ALPTHIFL	10848	000-076		
	1084	888	Blank but applicable	
	19379	Blank		
2983-2985		Russian thistle - flare width (mm)		
ALPTHIFW	10848	000-052		
	1084	888	Blank but applicable	
	19379	Blank		
2986		Russian thistle - confluent		
ALPTHICN	57	1	Yes	
	10790	2	No	
	1085	8	Blank but applicable	
	19379	Blank		
2987-2989		Russian thistle - wheal length (mm)		
ALPTHIWL	10848	000-030		
	1084	888	Blank but applicable	
	19379	Blank		
2990-2992		Russian thistle - wheal width (mm)		
ALPTHIWW	10848	000-016		
	1084	888	Blank but applicable	
	19379	Blank		
2993		German cockroach - arm		
ALPCOCAR	10839	1	Right arm	
	7	2	Left arm	
	1086	8	Blank but applicable	
	19379	Blank		

ALLERGY SKIN TEST

TEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
2994-2996		German cockroach - flare length (mm)	
ALPCOCFL	10846	000-082	
	1086	888 Blank but applicable	
	19379	Blank	
2997-2999		German cockroach - flare width (mm)	
ALPCOCFW	10846	000-058	
	1086	888 Blank but applicable	
	19379	Blank	
3000		German cockroach - confluent	
ALPCOCCN	99	1 Yes	
	10746	2 No	
	1087	8 Blank but applicable	
	19379	Blank	
3001-3003		German cockroach - wheal length (mm)	
ALPCOCWL	10846	000-034	
	1086	888 Blank but applicable	
	19379	Blank	
3004-3006		German cockroach - wheal width (mm)	
ALPCOCWW	10846	000-016	
	1086	888 Blank but applicable	
	19379	Blank	
3007		Bermuda grass - arm	
ALPBERAR	10841	1 Right arm	
	6	2 Left arm	
	1085	8 Blank but applicable	
	19379	Blank	
3008-3010		Bermuda grass - flare length (mm)	
ALPBERFL	10847	000-094	
	1085	888 Blank but applicable	
	19379	Blank	

ALLERGY SKIN TEST

TEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
3011-3013		Bermuda grass - flare width (mm)	
ALPBERFW	10847	000-079	
	1085	888 Blank but applicable	
	19379	Blank	
3014		Bermuda grass - confluent	
ALPBERCN	216	1 Yes	
	10631	2 No	
	1085	8 Blank but applicable	
	19379	Blank	
3015-3017		Bermuda grass - wheal length (mm)	
ALPBERWL	10847	000-037	
	1085	888 Blank but applicable	
	19379	Blank	
3018-3020		Bermuda grass - wheal width (mm)	
ALPBERWW	10847	000-019	
	1085	888 Blank but applicable	
	19379	Blank	
3021		Ragweed - arm	
ALPRAGAR	10841	1 Right arm	
	7	2 Left arm	
	1084	8 Blank but applicable	
	19379	Blank	
3022-3024		Ragweed - flare length (mm)	
ALPRAGFL	10847	000-120	
	1085	888 Blank but applicable	
	19379	Blank	
3025-3027		Ragweed - flare width (mm)	
ALPRAGFW	10847	000-075	
	1085	888 Blank but applicable	
	19379	Blank	

ALLERGY SKIN TEST

TEST RESULTS

Positions SAS name	Counts	Item description and code		Notes
3028		Ragweed - confluent		
ALPRAGCN	329	1	Yes	
	10518	2	No	
	1085	8	Blank but applicable	
	19379	Blank		
3029-3031		Ragweed - wheal length (mm)		
ALPRAGWL	10848	000-060		
	1084	888	Blank but applicable	
	19379	Blank		
3032-3034		Ragweed - wheal width (mm)		
ALPRAGWW	10848	000-025		
	1084	888	Blank but applicable	
	19379	Blank		
3035		Positive control - arm		
ALPPSCAR	10839	1	Right arm	
	7	2	Left arm	
	1086	8	Blank but applicable	
	19379	Blank		
3036-3038		Positive control - flare length (mm)		
ALPPSCFL	10847	000-120		
	1085	888	Blank but applicable	
	19379	Blank		
3039-3041		Positive control - flare width (mm)		
ALPPSCFW	10847	000-070		
	1085	888	Blank but applicable	
	19379	Blank		
3042		Positive control - confluent		
ALPPSCCN	301	1	Yes	
	10546	2	No	
	1085	8	Blank but applicable	
	19379	Blank		

ALLERGY SKIN TEST

TEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
3043-3045		Positive control - wheal length (mm)	
ALPPSCWL	10847	000-065	
	1085	888 Blank but applicable	
	19379	Blank	
3046-3048		Positive control - wheal width (mm)	
ALPPSCWW	10847	000-012	
	1085	888 Blank but applicable	
	19379	Blank	
3049-3053		Examiner number 1	See note
ALPTECH1	10930	01001-09018	
	1176	88888 Blank but applicable	
	19205	Blank	
3054-3058		Examiner number 2	See note
ALPTECH2	11446	01001-09018	
	660	88888 Blank but applicable	
	19205	Blank	

NOTES

ALPTECH1 and ALPTECH2: Examiners number 1 and 2

Because of the time interval between allergen placement and reading, the examiner number was entered twice. Examiner number 1 placed the allergens, and examiner 2 measured the reactions.

AUDIOMETRY

Pure tone air conduction audiometric threshold testing was conducted on all examinees aged 6-19 years by a trained examiner in a soundproof room in the mobile examination center (MEC).

Before threshold testing, a screening questionnaire was administered to determine the need for test exclusions and to assess factors that might affect test results. Examinees who reported having ear drainage (AUPA10) were excluded from air conduction testing on the ear(s) with drainage.

Because this examination was administered in the mobile examination center, the MEC examination sample weight (WTPFEX6) should be used for data analysis. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Threshold testing was conducted on both ears of examinees at seven frequencies (500, 1000, 2000, 3000, 4000, 6000, and 8000 Hertz (Hz)). The valid range for air conduction threshold values was determined by the effective range of the audiometers (Grason-Stadler, Inc., Model GSI 16, Littleton, MA), which was from -20 to 105 dumbbells (dB). Observed values were between -10 and 100 dB. If an examinee did not respond to the signal tone at any level for one or more frequencies and a comment by the examiner indicated known deafness or severe hearing loss, a threshold level of 105 dB was entered. In accordance with the testing protocol, a retest with masking occurred if an examinee had air conduction threshold value(s) at a given frequency that differed by 40 dB or more between both ears. If the lack of response was unilateral with a threshold value of 65 dB or lower for the other ear, a threshold value of 105 dB was entered for the relevant retest with masking value(s).

Before the examinations began at each MEC site, a field output calibration check was performed, and an environmental noise survey was conducted. The audiometer was rechecked weekly, and during examination periods, the tone quality, masking tone quality, hearing level controls, and earphones were checked daily. If a unit did not meet specifications, it was sent for service, and a backup unit was used for examinations. Additionally, laboratory calibration on each unit was performed approximately twice a year. For details of these procedures, analysts should consult the Audiometry and Tympanometry Manual (U.S. DHHS, 1996b).

Air conduction threshold testing alone is not sufficient to fully characterize hearing loss; it only provides information on the severity and the frequencies affected. Because of this, tympanic membrane compliance also was measured to help determine the nature of any hearing loss observed in the audiometry data. Analysts should refer to the Tympanometry section of the Examination Data File for information on this aspect of hearing testing. In addition, questions on hearing status including ear infection history and the use of hearing aids can be found in the Household Youth Data File (2 months-16 years of age).

The audiometry consultant provided extensive training to examiners at their time of hire, and each examiner's performance was monitored on a periodic basis. Audiometry and tympanometry were priority components at three of four annual MEC team retrainings.

Data processing and editing were performed to ensure internal data consistency. Notes have been provided for variables requiring additional explanation.

AUDIOMETRY

CONDITIONS AFFECTING TEST RESULTS

Positions SAS name	Counts	Item description and code		Notes
3059		Have you had a cold or sinus problem		
AUPA1		within the past week?		
	1616	1	Yes	
	4622	2	No	
	259	8	Blank but applicable	
	24814	Blank		
3060		Do you have a cold or sinus problem		
AUPA2		today?		
	962	1	Yes	
	653	2	No	
	260	8	Blank but applicable	
	29436	Blank		
3061		Have you been exposed to a very loud		
AUPA3		noise within the past 24 hours?		
	354	1	Yes	
	5885	2	No	
	258	8	Blank but applicable	
	24814	Blank		
3062-3063		How many hours ago did the noise end?		
AUPA4	337	01-24		
	11	77	Less than 1 hour	
	264	88	Blank but applicable	
	30699	Blank		
3064		Have you listened to music with		
AUPA5		headphones/earphones in the past 24 hours?		
	621	1	Yes	
	5616	2	No	
	260	8	Blank but applicable	
	24814	Blank		

AUDIOMETRY

CONDITIONS AFFECTING TEST RESULTS

Positions SAS name	Counts	Item description and code		Notes
3065-3066 AUPA6		How many hours ago did you stop listening?		
	578	01-24		
	32	77	Less than 1 hour	
	271	88	Blank but applicable	
	30430	Blank		
3067 AUPA7		Have you had buzzing/ringing or other noises in your ears today?		
	6048	2	No	
	64	3	Right	
	43	4	Left	
	82	5	Both	
	260	8	Blank but applicable	
	24814	Blank		
3068 AUPA8		Have you had an earache within the past week?		
	5989	2	No	
	99	3	Right	
	91	4	Left	
	56	5	Both	
	262	8	Blank but applicable	
	24814	Blank		
3069 AUPA9		Do you now have a tube in your right or left ear?		See note
	6152	2	No	
	9	3	Right	
	11	4	Left	
	56	5	Both	
	269	8	Blank but applicable	
	24814	Blank		

AUDIOMETRY

CONDITIONS AFFECTING TEST RESULTS

Positions SAS name	Counts	Item description and code		Notes
3070 AUPA10		Do you now have drainage/discharge from either ear?		See note
	6194	2	No	
	15	3	Right	
	13	4	Left	
	16	5	Both	
	259	8	Blank but applicable	
	24814	Blank		
3071-3074 AUPAUDO1		Audiometer number		
	660	1230		
	930	1237		
	856	1240		
	1174	1580		
	503	1581		
	965	2048		
	1153	2050		
	240	8888	Blank but applicable	
	24830	Blank		

AUDIOMETRY

LEFT EAR TEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
3075-3077 AUPB1A1		Left ear air conduction hearing level, first test at 1000 Hz (dB)	
	6213	-10-105	
	255	888 Blank but applicable	
	24843	Blank	
3078-3080 AUPB1A2		Left ear air conduction hearing level, 2000 Hz (dB)	
	6208	-10-105	
	260	888 Blank but applicable	
	24843	Blank	
3081-3083 AUPB1A3		Left ear air conduction hearing level, 3000 Hz (dB)	
	6206	-10-105	
	262	888 Blank but applicable	
	24843	Blank	
3084-3086 AUPB1A4		Left ear air conduction hearing level, 4000 Hz (dB)	
	6203	-10-105	
	265	888 Blank but applicable	
	24843	Blank	
3087-3089 AUPB1A5		Left ear air conduction hearing level, 6000 Hz (dB)	
	6202	-10-105	
	266	888 Blank but applicable	
	24843	Blank	
3090-3092 AUPB1A6		Left ear air conduction hearing level, 8000 Hz (dB)	
	6199	-10-105	
	269	888 Blank but applicable	
	24843	Blank	

AUDIOMETRY

LEFT EAR TEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
3093-3095 AUPB1A7		Left ear air conduction hearing level, repeat test at 1000 Hz (dB)	
	6197	-10-105	
	271	888 Blank but applicable	
	24843	Blank	
3096-3098 AUPB1A8		Left ear air conduction hearing level, 500 Hz (dB)	
	6196	-10-105	
	272	888 Blank but applicable	
	24843	Blank	

AUDIOMETRY

RIGHT EAR TEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
3099-3101 AUPB2A1		Right ear air conduction hearing level, first test at 1000 Hz (dB)	
	6214	-10-105	
	252	888 Blank but applicable	
	24845	Blank	
3102-3104 AUPB2A2		Right ear air conduction hearing level, 2000 Hz (dB)	
	6213	-10-105	
	253	888 Blank but applicable	
	24845	Blank	
3105-3107 AUPB2A3		Right ear air conduction hearing level, 3000 Hz (dB)	
	6207	-10-105	
	259	888 Blank but applicable	
	24845	Blank	
3108-3110 AUPB2A4		Right ear air conduction hearing level, 4000 Hz (dB)	
	6204	-10-105	
	262	888 Blank but applicable	
	24845	Blank	
3111-3113 AUPB2A5		Right ear air conduction hearing level, 6000 Hz (dB)	
	6198	-10-105	
	268	888 Blank but applicable	
	24845	Blank	
3114-3116 AUPB2A6		Right ear air conduction hearing level, 8000 Hz (dB)	
	6194	-10-105	
	272	888 Blank but applicable	
	24845	Blank	

AUDIOMETRY

RIGHT EAR TEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
3117-3119 AUPB2A7		Right ear air conduction hearing level, repeat test at 1000 Hz (dB)	
	6193	-10-105	
	273	888 Blank but applicable	
	24845	Blank	
3120-3122 AUPB2A8		Right ear air conduction hearing level, 500 Hz (dB)	
	6192	-10-105	
	274	888 Blank but applicable	
	24845	Blank	

AUDIOMETRY

RETEST RESULTS WITH MASKING

Positions SAS name	Counts	Item description and code	Notes
3123-3126		Audiometer number for retest	See note
AUPAUDO2	9	1230	
	16	1237	
	14	1240	
	30	1580	
	5	1581	
	13	2048	
	22	2050	
	31202	Blank	

AUDIOMETRY

LEFT EAR RETEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
3127-3129 AUPB1C1		Left ear air conduction retest hearing level, first retest at 1000 Hz (dB)	See note
	18	015-105	
	1	888 Blank but applicable	
	31292	Blank	
3130-3132 AUPB1C2		Left ear air conduction retest hearing level, 2000 Hz (dB)	See note
	16	020-105	
	1	888 Blank but applicable	
	31294	Blank	
3133-3135 AUPB1C3		Left ear air conduction retest hearing level, 3000 Hz (dB)	See note
	17	020-105	
	1	888 Blank but applicable	
	31293	Blank	
3136-3138 AUPB1C4		Left ear air conduction retest hearing level, 4000 Hz (dB)	See note
	22	035-105	
	1	888 Blank but applicable	
	31288	Blank	
3139-3141 AUPB1C5		Left ear air conduction retest hearing level, 6000 Hz (dB)	See note
	22	035-100	
	1	888 Blank but applicable	
	31288	Blank	
3142-3144 AUPB1C6		Left ear air conduction retest hearing level, 8000 Hz (dB)	See note
	27	000-100	
	1	888 Blank but applicable	
	31283	Blank	

AUDIOMETRY

LEFT EAR RETEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
3145-3147 AUPB1C7		Left ear air conduction retest hearing level, repeat retest at 1000 Hz (dB)	See note
	18	025-105	
	1	888 Blank but applicable	
	31292	Blank	
3148-3150 AUPB1C8		Left ear air conduction retest hearing level, 500 Hz (dB)	See note
	14	030-105	
	1	888 Blank but applicable	
	31296	Blank	

AUDIOMETRY

RIGHT EAR RETEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
3151-3153 AUPB2C1		Right ear air conduction retest hearing level, first retest at 1000 Hz (dB)	See note
	13	030-100	
	1	888 Blank but applicable	
	31297	Blank	
3154-3156 AUPB2C2		Right ear air conduction retest hearing level, 2000 Hz (dB)	See note
	16	025-105	
	1	888 Blank but applicable	
	31294	Blank	
3157-3159 AUPB2C3		Right ear air conduction retest hearing level, 3000 Hz (dB)	See note
	20	010-105	
	1	888 Blank but applicable	
	31290	Blank	
3160-3162 AUPB2C4		Right ear air conduction retest hearing level, 4000 Hz (dB)	See note
	28	025-105	
	31283	Blank	
3163-3165 AUPB2C5		Right ear air conduction retest hearing level, 6000 Hz (dB)	See note
	29	000-105	
	1	888 Blank but applicable	
	31281	Blank	
3166-3168 AUPB2C6		Right ear air conduction retest hearing level, 8000 Hz (dB)	See note
	31	015-105	
	1	888 Blank but applicable	
	31279	Blank	
3169-3171 AUPB2C7		Right ear air conduction retest hearing level, repeat retest at 1000 Hz (dB)	See note
	13	030-105	
	1	888 Blank but applicable	
	31297	Blank	

NHANES III Examination Data File

AUDIOMETRY

RIGHT EAR RETEST RESULTS

Positions SAS name	Counts	Item description and code	Notes
3172-3174 AUPB2C8		Right ear air conduction retest hearing level, 500 Hz (dB)	See note
	16	025-100	
	1	888 Blank but applicable	
	31294	Blank	

NHANES III Examination Data File

AUDIOMETRY

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code	Notes
3175-3179 AUPTECH		Examiner number	
	6274	01001-09018	
	223	88888 Blank but applicable	
	24814	Blank	

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NOTES

AUPA10: Drainage/discharge from either ear?

Examinees who reported having ear drainage were excluded from air conduction testing on the ear with drainage and from tympanic membrane compliance testing on both ears. Threshold value fields for excluded ears are blank. Tympanometry data fields for excluded examinees are blank.

AUPA9: Tube in right or left ear?

Examinees who reported having a tube in either or both ears were excluded from tympanic membrane compliance testing. However, air conduction threshold testing was performed if there was no report or evidence of drainage (AUPA10). Tympanometry data fields for excluded examinees are blank.

AUPAUDO2 and AUPB1C1-AUPB1C8, AUPB2C1-AUPB2C8: Retest information

When examinees had air conduction threshold values at a given frequency that differed by 40 dB or more between the left and right ears, the ear with the higher threshold value(s) was retested while a masking sound was introduced into the other ear. In cases for which a retest was indicated but for which no retest data existed, the relevant variables were coded "Blank but applicable." If no threshold value differences of 40 dB or more were observed, these variables are blank.

TYMPANOMETRY

Tympanic membrane compliance was tested for all examinees aged 6-19 years by a trained examiner in a soundproof room in the mobile examination center (MEC).

A screening questionnaire administered before audiometry testing also determined tympanometry test exclusions and can be used to assess factors that might have affected tympanometry results. If an examinee reported that either ear had a tube (AUPA9) or drainage (AUPA10), tympanometry was not performed, and all tympanometry variables are blank. Analysts should refer to the Audiometry section of the examination data file for information on the screening questionnaire. In addition, questions on hearing status, including ear infection history and the use of hearing aids, can be found in the Household Youth Data File (ages 2 months-16 years).

Because this examination was administered in the mobile examination center, the MEC examination sample weight (WTPFEX6) should be used for data analysis. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

The tympanometer (Model TA-7A Automatic Impedance Meter, Teledyne Avionics, Charlottesville, VA) produced a paper tympanogram output and was connected to a personal computer for electronic data collection.

Tympanometer function was checked daily. If a unit did not meet specifications, it was sent for service, and a backup unit was used for examinations. Laboratory calibration on each unit was performed approximately twice a year. For details of equipment maintenance procedures, analysts should consult the Audiometry and Tympanometry Manual (U.S. DHHS, 1996b).

Training for tympanometry was combined with that for audiometry. At the time of hire, examiners received extensive instruction from the audiometry consultant, and the examiners' performance was monitored on a periodic basis. Hearing evaluation, which included audiometry and tympanometry, was a priority component at three of four annual MEC team retrainings.

The variables containing equivalent volume at various pressures (TYPC000L-TYPC120L, TYPC000R-TYPC120R) can be used to create tympanogram plots of compliance as a function of pressure. To do so, the analyst must rearrange the data to have 121 observations per examinee (one for each pressure value at which compliance was determined from -400 to 200 daPa in 5 daPa increments) and create a variable to record the associated pressure values. An example of SAS programming code to perform this rearrangement is included in the note for TYPC000L-TYPC120L and TYPC000R-TYPC120R.

This data file includes 242 variables with equivalent volume data for pressure values between -400 and 200 daPa. Many examinees have data

for pressure values of -200 daPa or greater but have no data (blanks) for pressure values from -400 to -205 daPa. This is due to variability in a software setting on the tympanometer that toggled an option for continuing readings to -400 daPa or stopping the pressure at -200 daPa if a compliance peak occurred before -175 daPa. There are data for pressures between -400 and -205 daPa for 1156 left ear observations and 1166 right ear observations. Of these observations with data for pressures lower than -200 daPa, only 192 left ear observations and 200 right ear observations had pressure at peak compliance values of -175 daPa or lower. When plotting tympanogram data, analysts may want to include data points for pressure values between -400 and -205 daPa. However, in most cases, this pressure range will not add useful tympanogram information.

Early in the survey, electronic data collection was not fully operational, and sporadic equipment problems led to data loss throughout the survey. In these cases, the tympanogram data points (TYPC000L-TYPC120L, TYPC000R-TYPC120R) are not available. However, the values for peak compliance (TYPCMPLL, TYPCMPLR), pressure at peak compliance (TYPPRSPL, TYPPRSPR), canal volume (TYPVOLL, TYPVOLR), and acoustic reflex (TYPRFXL, TYPRFXR) were entered into the data from the hard copy tympanograms if they were available.

Data processing and editing were performed to ensure internal consistency of data. Notes have been provided for variables requiring additional explanation.

TYMPANOMETRY

SUMMARY MEASURES

Positions SAS name	Counts	Item description and code	Notes
3180-3182 TYPCMPLL		Compliance (base-peak difference) left ear (ml)	
	5754	0.1-3.9	
	627	888 Blank but applicable	
	24930	Blank	
3183-3185 TYPCMPLR		Compliance (base-peak difference) right ear (ml)	
	5743	0.1-3.6	
	638	888 Blank but applicable	
	24930	Blank	
3186-3189 TYPPRSPL		Pressure at peak, left ear (daPa)	
	5732	-400-0100	
	649	8888 Blank but applicable	
	24930	Blank	
3190-3193 TYPPRSPR		Pressure at peak, right ear (daPa)	
	5725	-400-0100	
	656	8888 Blank but applicable	
	24930	Blank	
3194-3196 TYPVOLL		Canal volume, left ear (ml)	
	5754	0.1-5.2	
	627	888 Blank but applicable	
	24930	Blank	
3197-3199 TYPVOLR		Canal volume, right ear (ml)	
	5743	0.1-5.1	
	638	888 Blank but applicable	
	24930	Blank	
3200-3202 TYPRFXL		Reflex, left ear (dB)	
	4381	095	
	967	105	
	1033	888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

SUMMARY MEASURES

Positions SAS name	Counts	Item description and code	Notes
3203-3205		Reflex, right ear (dB)	
TYPRFXR	4184	095	
	1096	105	
	1101	888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3206-3210 TYPC000L		Equivalent volume at -400 daPa, left ear (ml)	See note
	1156	0.252-4.139	
	1944	88888 Blank but applicable	
	28211	Blank	
3211-3215 TYPC001L		Equivalent volume at -395 daPa, left ear (ml)	See note
	1156	0.212-4.139	
	1944	88888 Blank but applicable	
	28211	Blank	
3216-3220 TYPC002L		Equivalent volume at -390 daPa, left ear (ml)	See note
	1156	0.266-4.096	
	1944	88888 Blank but applicable	
	28211	Blank	
3221-3225 TYPC003L		Equivalent volume at -385 daPa, left ear (ml)	See note
	1156	0.262-4.093	
	1944	88888 Blank but applicable	
	28211	Blank	
3226-3230 TYPC004L		Equivalent volume at -380 daPa, left ear (ml)	See note
	1156	0.255-4.089	
	1944	88888 Blank but applicable	
	28211	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3231-3235 TYPC005L		Equivalent volume at -375 daPa, left ear (ml)	See note
	1156	0.269-4.092	
	1944	88888 Blank but applicable	
	28211	Blank	
3236-3240 TYPC006L		Equivalent volume at -370 daPa, left ear (ml)	See note
	1156	0.276-4.092	
	1944	88888 Blank but applicable	
	28211	Blank	
3241-3245 TYPC007L		Equivalent volume at -365 daPa, left ear (ml)	See note
	1156	0.269-4.119	
	1944	88888 Blank but applicable	
	28211	Blank	
3246-3250 TYPC008L		Equivalent volume at -360 daPa, left ear (ml)	See note
	1156	0.259-4.108	
	1944	88888 Blank but applicable	
	28211	Blank	
3251-3255 TYPC009L		Equivalent volume at -355 daPa, left ear (ml)	See note
	1156	0.291-4.120	
	1944	88888 Blank but applicable	
	28211	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3256-3260 TYPC010L		Equivalent volume at -350 daPa, left ear (ml)	See note
	1156	0.251-4.116	
	1944	88888 Blank but applicable	
	28211	Blank	
3261-3265 TYPC011L		Equivalent volume at -345 daPa, left ear (ml)	See note
	1156	0.259-4.120	
	1944	88888 Blank but applicable	
	28211	Blank	
3266-3270 TYPC012L		Equivalent volume at -340 daPa, left ear (ml)	See note
	1156	0.308-4.128	
	1944	88888 Blank but applicable	
	28211	Blank	
3271-3275 TYPC013L		Equivalent volume at -335 daPa, left ear (ml)	See note
	1156	0.298-4.139	
	1944	88888 Blank but applicable	
	28211	Blank	
3276-3280 TYPC014L		Equivalent volume at -330 daPa, left ear (ml)	See note
	1156	0.308-4.179	
	1944	88888 Blank but applicable	
	28211	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3281-3285 TYPC015L		Equivalent volume at -325 daPa, left ear (ml)	See note
	1156	0.316-4.231	
	1944	88888 Blank but applicable	
	28211	Blank	
3286-3290 TYPC016L		Equivalent volume at -320 daPa, left ear (ml)	See note
	1156	0.273-4.224	
	1944	88888 Blank but applicable	
	28211	Blank	
3291-3295 TYPC017L		Equivalent volume at -315 daPa, left ear (ml)	See note
	1156	0.294-4.245	
	1944	88888 Blank but applicable	
	28211	Blank	
3296-3300 TYPC018L		Equivalent volume at -310 daPa, left ear (ml)	See note
	1156	0.312-4.277	
	1944	88888 Blank but applicable	
	28211	Blank	
3301-3305 TYPC019L		Equivalent volume at -305 daPa, left ear (ml)	See note
	1156	0.269-4.295	
	1944	88888 Blank but applicable	
	28211	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3306-3310 TYPC020L		Equivalent volume at -300 daPa, left ear (ml)	See note
	1156	0.340-4.266	
	1944	88888 Blank but applicable	
	28211	Blank	
3311-3315 TYPC021L		Equivalent volume at -295 daPa, left ear (ml)	See note
	1156	0.272-4.238	
	1944	88888 Blank but applicable	
	28211	Blank	
3316-3320 TYPC022L		Equivalent volume at -290 daPa, left ear (ml)	See note
	1156	0.287-4.210	
	1944	88888 Blank but applicable	
	28211	Blank	
3321-3325 TYPC023L		Equivalent volume at -285 daPa, left ear (ml)	See note
	1156	0.348-4.209	
	1944	88888 Blank but applicable	
	28211	Blank	
3326-3330 TYPC024L		Equivalent volume at -280 daPa, left ear (ml)	See note
	1156	0.315-4.225	
	1944	88888 Blank but applicable	
	28211	Blank	
3331-3335 TYPC025L		Equivalent volume at -275 daPa, left ear (ml)	See note
	1156	0.348-4.235	
	1944	88888 Blank but applicable	
	28211	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3336-3340 TYPC026L		Equivalent volume at -270 daPa, left ear (ml)	See note
	1156	0.335-4.272	
	1944	88888 Blank but applicable	
	28211	Blank	
3341-3345 TYPC027L		Equivalent volume at -265 daPa, left ear (ml)	See note
	1156	0.309-4.285	
	1944	88888 Blank but applicable	
	28211	Blank	
3346-3350 TYPC028L		Equivalent volume at -260 daPa, left ear (ml)	See note
	1156	0.322-4.262	
	1944	88888 Blank but applicable	
	28211	Blank	
3351-3355 TYPC029L		Equivalent volume at -255 daPa, left ear (ml)	See note
	1156	0.315-4.295	
	1944	88888 Blank but applicable	
	28211	Blank	
3356-3360 TYPC030L		Equivalent volume at -250 daPa, left ear (ml)	See note
	1156	0.352-4.311	
	1944	88888 Blank but applicable	
	28211	Blank	
3361-3365 TYPC031L		Equivalent volume at -245 daPa, left ear (ml)	See note
	1156	0.335-4.331	
	1944	88888 Blank but applicable	
	28211	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions / SAS name	Counts	Item description and code	Notes
3366-3370 TYPC032L		Equivalent volume at -240 daPa, left ear (ml)	See note
	1156	0.378-4.318	
	1944	88888 Blank but applicable	
	28211	Blank	
3371-3375 TYPC033L		Equivalent volume at -235 daPa, left ear (ml)	See note
	1156	0.372-4.400	
	1944	88888 Blank but applicable	
	28211	Blank	
3376-3380 TYPC034L		Equivalent volume at -230 daPa, left ear (ml)	See note
	1156	0.309-4.635	
	1944	88888 Blank but applicable	
	28211	Blank	
3381-3385 TYPC035L		Equivalent volume at -225 daPa, left ear (ml)	See note
	1156	0.362.4.635	
	1944	88888 Blank but applicable	
	28211	Blank	
3386-3390 TYPC036L		Equivalent volume at -220 daPa, left ear (ml)	See note
	1156	0.338-4.814	
	1944	88888 Blank but applicable	
	28211	Blank	
3391-3395 TYPC037L		Equivalent volume at -215 daPa, left ear (ml)	See note
	1156	0.329-4.849	
	1944	88888 Blank but applicable	
	28211	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3396-3400 TYPC038L		Equivalent volume at -210 daPa, left ear (ml)	See note
	1156	0.329-4.558	
	1944	88888 Blank but applicable	
	28211	Blank	
3401-3405 TYPC039L		Equivalent volume at -205 daPa, left ear (ml)	See note
	1156	0.335-4.503	
	1944	88888 Blank but applicable	
	28211	Blank	
3406-3410 TYPC040L		Equivalent volume at -200 daPa, left ear (ml)	See note
	2	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3411-3415 TYPC041L		Equivalent volume at -195 daPa, left ear (ml)	See note
	4	.000	
	4431	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3416-3420 TYPC042L		Equivalent volume at -190 daPa, left ear (ml)	See note
	4	.000	
	4431	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3421-3425 TYPC043L		Equivalent volume at -185 daPa, left ear (ml)	See note
	3	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3426-3430 TYPC044L		Equivalent volume at -180 daPa, left ear (ml)	See note
	3	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3431-3435 TYPC045L		Equivalent volume at -175 daPa, left ear (ml)	See note
	4	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3436-3440 TYPC046L		Equivalent volume at -170 daPa, left ear (ml)	See note
	1	.000	
	4434	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3441-3445 TYPC047L		Equivalent volume at -165 daPa, left ear (ml)	See note
	3	.000	
	4431	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3446-3450 TYPC048L		Equivalent volume at -160 daPa, left ear (ml)	See note
	4437	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3451-3455 TYPC049L		Equivalent volume at -155 daPa, left ear (ml)	See note
	2	.000	
	4434	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3456-3460 TYPC050L		Equivalent volume at -150 daPa, left ear (ml)	See note
	2	.000	
	4435	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3461-3465 TYPC051L		Equivalent volume at -145 daPa, left ear (ml)	See note
	3	.000	
	4430	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3466-3470 TYPC052L		Equivalent volume at -140 daPa, left ear (ml)	See note
	2	.000	
	4434	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3471-3475 TYPC053L		Equivalent volume at -135 daPa, left ear (ml)	See note
	2	.000	
	4432	0.001-0.998	
	1944	88888 Blank but applicable	
	24930	Blank	
3476-3480 TYPC054L		Equivalent volume at -130 daPa, left ear (ml)	See note
	1	.000	
	4434	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3481-3485 TYPC055L		Equivalent volume at -125 daPa, left ear (ml)	See note
	2	.000	
	4435	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3486-3490 TYPC056L		Equivalent volume at -120 daPa, left ear (ml)	See note
	3	.000	
	4434	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3491-3495 TYPC057L		Equivalent volume at -115 daPa, left ear (ml)	See note
	3	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3496-3500 TYPC058L		Equivalent volume at -110 daPa, left ear (ml)	See note
	1	.000	
	4436	0.001-0.998	
	1944	88888 Blank but applicable	
	24930	Blank	
3501-3505 TYPC059L		Equivalent volume at -105 daPa, left ear (ml)	See note
	1	.000	
	4430	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3506-3510 TYPC060L		Equivalent volume at -100 daPa, left ear (ml)	See note
	2	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3511-3515 TYPC061L		Equivalent volume at -95 daPa, left ear (ml)	See note
	2	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3516-3520 TYPC062L		Equivalent volume at -90 daPa, left ear (ml)	See note
	4	.000	
	4430	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3521-3525 TYPC063L		Equivalent volume at -85 daPa, left ear (ml)	See note
	1	.000	
	4434	0.001-0.998	
	1944	88888 Blank but applicable	
	24930	Blank	
3526-3530 TYPC064L		Equivalent volume at -80 daPa, left ear (ml)	See note
	2	.000	
	4431	0.001-0.998	
	1944	88888 Blank but applicable	
	24930	Blank	
3531-3535 TYPC065L		Equivalent volume at -75 daPa, left ear (ml)	See note
	2	.000	
	4435	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3536-3540 TYPC066L		Equivalent volume at -70 daPa, left ear (ml)	See note
	1	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3541-3545 TYPC067L		Equivalent volume at -65 daPa, left ear (ml)	See note
	1	.000	
	4432	0.001-0.998	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3546-3550 TYPC068L		Equivalent volume at -60 daPa, left ear (ml)	See note
	1	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3551-3555 TYPC069L		Equivalent volume at -55 daPa, left ear (ml)	See note
	2	.000	
	4428	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3556-3560 TYPC070L		Equivalent volume at -50 daPa, left ear (ml)	See note
	1	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3561-3565 TYPC071L		Equivalent volume at -45 daPa, left ear (ml)	See note
	3	.000	
	4434	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3566-3570 TYPC072L		Equivalent volume at -40 daPa, left ear (ml)	See note
	2	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3571-3575 TYPC073L		Equivalent volume at -35 daPa, left ear (ml)	See note
	2	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3576-3580 TYPC074L		Equivalent volume at -30 daPa, left ear (ml)	See note
	4	.000	
	4432	0.001-0.998	
	1944	88888 Blank but applicable	
	24930	Blank	
3581-3585 TYPC075L		Equivalent volume at -25 daPa, left ear (ml)	See note
	2	.000	
	4434	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3586-3590 TYPC076L		Equivalent volume at -20 daPa, left ear (ml)	See note
	1	.000	
	4434	0.001-0.998	
	1944	88888 Blank but applicable	
	24930	Blank	
3591-3595 TYPC077L		Equivalent volume at -15 daPa, left ear (ml)	See note
	2	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3596-3600 TYPC078L		Equivalent volume at -10 daPa, left ear (ml)	See note
	4	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3601-3605 TYPC079L		Equivalent volume at -5 daPa, left ear (ml)	See note
	1	.000	
	4431	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3606-3610 TYPC080L		Equivalent volume at 0 daPa, left ear (ml)	See note
	2	.000	
	4430	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3611-3615 TYPC081L		Equivalent volume at 5 daPa, left ear (ml)	See note
	1	.000	
	4431	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3616-3620 TYPC082L		Equivalent volume at 10 daPa, left ear (ml)	See note
	4	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3621-3625 TYPC083L		Equivalent volume at 15 daPa, left ear (ml)	See note
	1	.000	
	4429	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3626-3630 TYPC084L		Equivalent volume at 20 daPa, left ear (ml)	See note
	4	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3631-3635 TYPC085L		Equivalent volume at 25 daPa, left ear (ml)	See note
	3	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3636-3640 TYPC086L		Equivalent volume at 30 daPa, left ear (ml)	See note
	2	.000	
	4435	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3641-3645 TYPC087L		Equivalent volume at 35 daPa, left ear (ml)	See note
	3	.000	
	4431	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3646-3650 TYPC088L		Equivalent volume at 40 daPa, left ear (ml)	See note
	2	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3651-3655 TYPC089L		Equivalent volume at 45 daPa, left ear (ml)	See note
	1	.000	
	4435	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3656-3660 TYPC090L		Equivalent volume at 50 daPa, left ear (ml)	See note
	1	.000	
	4435	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3661-3665 TYPC091L		Equivalent volume at 55 daPa, left ear (ml)	See note
	1	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3666-3670 TYPC092L		Equivalent volume at 60 daPa, left ear (ml)	See note
	4	.000	
	4432	0.001-0.998	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3671-3675 TYPC093L		Equivalent volume at 65 daPa, left ear (ml)	See note
	2	.000	
	4432	0.001-0.998	
	1944	88888 Blank but applicable	
	24930	Blank	
3676-3680 TYPC094L		Equivalent volume at 70 daPa, left ear (ml)	See note
	1	.000	
	4435	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3681-3685 TYPC095L		Equivalent volume at 75 daPa, left ear (ml)	See note
	2	.000	
	4435	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3686-3690 TYPC096L		Equivalent volume at 80 daPa, left ear (ml)	See note
	1	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3691-3695 TYPC097L		Equivalent volume at 85 daPa, left ear (ml)	See note
	3	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3696-3700 TYPC098L		Equivalent volume at 90 daPa, left ear (ml)	See note
	1	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3701-3705 TYPC099L		Equivalent volume at 95 daPa, left ear (ml)	See note
	3	.000	
	4431	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3706-3710 TYPC100L		Equivalent volume at 100 daPa, left ear (ml)	See note
	6	.000	
	4430	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3711-3715 TYPC101L		Equivalent volume at 105 daPa, left ear (ml)	See note
	1	.000	
	4435	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3716-3720 TYPC102L		Equivalent volume at 110 daPa, left ear (ml)	See note
	1	.000	
	4436	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

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TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3721-3725 TYPC103L		Equivalent volume at 115 daPa, left ear (ml)	See note
	1	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3726-3730 TYPC104L		Equivalent volume at 120 daPa, left ear (ml)	See note
	2	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3731-3735 TYPC105L		Equivalent volume at 125 daPa, left ear (ml)	See note
	4	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3736-3740 TYPC106L		Equivalent volume at 130 daPa, left ear (ml)	See note
	3	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3741-3745 TYPC107L		Equivalent volume at 135 daPa, left ear (ml)	See note
	4	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3746-3750 TYPC108L		Equivalent volume at 140 daPa, left ear (ml)	See note
	3	.000	
	4434	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3751-3755 TYPC109L		Equivalent volume at 145 daPa, left ear (ml)	See note
	2	.000	
	4434	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3756-3760 TYPC110L		Equivalent volume at 150 daPa, left ear (ml)	See note
	4	.000	
	4431	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3761-3765 TYPC111L		Equivalent volume at 155 daPa, left ear (ml)	See note
	3	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3766-3770 TYPC112L		Equivalent volume at 160 daPa, left ear (ml)	See note
	3	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

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TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3771-3775 TYPC113L		Equivalent volume at 165 daPa, left ear (ml)	See note
	4	.000	
	4433	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3776-3780 TYPC114L		Equivalent volume at 170 daPa, left ear (ml)	See note
	2	.000	
	4434	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3781-3785 TYPC115L		Equivalent volume at 175 daPa, left ear (ml)	See note
	6	.000	
	4430	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3786-3790 TYPC116L		Equivalent volume at 180 daPa, left ear (ml)	See note
	1	.000	
	4435	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3791-3795 TYPC117L		Equivalent volume at 185 daPa, left ear (ml)	See note
	1	.000	
	4434	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

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TYMPANOGRAM DATA POINTS: LEFT EAR

Positions SAS name	Counts	Item description and code	Notes
3796-3800 TYPC118L		Equivalent volume at 190 daPa, left ear (ml)	See note
	5	.000	
	4432	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3801-3805 TYPC119L		Equivalent volume at 195 daPa, left ear (ml)	See note
	6	.000	
	4430	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	
3806-3810 TYPC120L		Equivalent volume at 200 daPa, left ear (ml)	See note
	2	.000	
	4435	0.001-0.999	
	1944	88888 Blank but applicable	
	24930	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
3811-3815 TYPC000R		Equivalent volume at -400 daPa, right ear (ml)	See note
	1166	0.278-4.275	
	1993	88888 Blank but applicable	
	28152	Blank	
3816-3820 TYPC001R		Equivalent volume at -395 daPa, right ear (ml)	See note
	1166	0.261-4.275	
	1993	88888 Blank but applicable	
	28152	Blank	
3821-3825 TYPC002R		Equivalent volume at -390 daPa, right ear (ml)	See note
	1166	0.316-4.283	
	1993	88888 Blank but applicable	
	28152	Blank	
3826-3830 TYPC003R		Equivalent volume at -385 daPa, right ear (ml)	See note
	1166	0.309-4.275	
	1993	88888 Blank but applicable	
	28152	Blank	
3831-3835 TYPC004R		Equivalent volume at -380 daPa, right ear (ml)	See note
	1166	0.316-4.275	
	1993	88888 Blank but applicable	
	28152	Blank	
3836-3840 TYPC005R		Equivalent volume at -375 daPa, right ear (ml)	See note
	1166	0.327-4.268	
	1993	88888 Blank but applicable	
	28152	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
3841-3845 TYPC006R		Equivalent volume at -370 daPa, right ear (ml)	See note
	1166	0.300-4.252	
	1993	88888 Blank but applicable	
	28152	Blank	
3846-3850 TYPC007R		Equivalent volume at -365 daPa, right ear (ml)	See note
	1166	0.230-4.264	
	1993	88888 Blank but applicable	
	28152	Blank	
3851-3855 TYPC008R		Equivalent volume at -360 daPa, right ear (ml)	See note
	1166	0.317-4.275	
	1993	88888 Blank but applicable	
	28152	Blank	
3856-3860 TYPC009R		Equivalent volume at -355 daPa, right ear (ml)	See note
	1166	0.355-4.299	
	1993	88888 Blank but applicable	
	28152	Blank	
3861-3865 TYPC010R		Equivalent volume at -350 daPa, right ear (ml)	See note
	1166	0.417-4.283	
	1993	88888 Blank but applicable	
	28152	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
3866-3870 TYPC011R		Equivalent volume at -345 daPa, right ear (ml)	See note
	1166	0.403-4.303	
	1993	88888 Blank but applicable	
	28152	Blank	
3871-3875 TYPC012R		Equivalent volume at -340 daPa, right ear (ml)	See note
	1166	0.372-4.338	
	1993	88888 Blank but applicable	
	28152	Blank	
3876-3880 TYPC013R		Equivalent volume at -335 daPa, right ear (ml)	See note
	1166	0.424-4.373	
	1993	88888 Blank but applicable	
	28152	Blank	
3881-3885 TYPC014R		Equivalent volume at -330 daPa, right ear (ml)	See note
	1166	0.393-4.400	
	1993	88888 Blank but applicable	
	28152	Blank	
3886-3890 TYPC015R		Equivalent volume at -325 daPa, right ear (ml)	See note
	1166	0.480-4.373	
	1993	88888 Blank but applicable	
	28152	Blank	
3891-3895 TYPC016R		Equivalent volume at -320 daPa, right ear (ml)	See note
	1166	0.376-4.407	
	1993	88888 Blank but applicable	
	28152	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions / SAS name	Counts	Item description and code	Notes
3896-3900 TYPC017R		Equivalent volume at -315 daPa, right ear (ml)	See note
	1166	0.510-4.431	
	1993	88888 Blank but applicable	
	28152	Blank	
3901-3905 TYPC018R		Equivalent volume at -310 daPa, right ear (ml)	See note
	1166	0.462-4.470	
	1993	88888 Blank but applicable	
	28152	Blank	
3906-3910 TYPC019R		Equivalent volume at -305 daPa, right ear (ml)	See note
	1166	0.490-4.491	
	1993	88888 Blank but applicable	
	28152	Blank	
3911-3915 TYPC020R		Equivalent volume at -300 daPa, right ear (ml)	See note
	1166	0.553-4.491	
	1993	88888 Blank but applicable	
	28152	Blank	
3916-3920 TYPC021R		Equivalent volume at -295 daPa, right ear (ml)	See note
	1166	0.574-4.547	
	1993	88888 Blank but applicable	
	28152	Blank	
3921-3925 TYPC022R		Equivalent volume at -290 daPa, right ear (ml)	See note
	1166	0.557-4.624	
	1993	88888 Blank but applicable	
	28152	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
3926-3930 TYPC023R		Equivalent volume at -285 daPa, right ear (ml)	See note
	1166	0.381-4.547	
	1993	88888 Blank but applicable	
	28152	Blank	
3931-3935 TYPC024R		Equivalent volume at -280 daPa, right ear (ml)	See note
	1166	0.549-4.558	
	1993	88888 Blank but applicable	
	28152	Blank	
3936-3940 TYPC025R		Equivalent volume at -275 daPa, right ear (ml)	See note
	1166	0.581-4.586	
	1993	88888 Blank but applicable	
	28152	Blank	
3941-3945 TYPC026R		Equivalent volume at -270 daPa, right ear (ml)	See note
	1166	0.605-4.547	
	1993	88888 Blank but applicable	
	28152	Blank	
3946-3950 TYPC027R		Equivalent volume at -265 daPa, right ear (ml)	See note
	1166	0.642-4.575	
	1993	88888 Blank but applicable	
	28152	Blank	
3951-3955 TYPC028R		Equivalent volume at -260 daPa, right ear (ml)	See note
	1166	0.620-4.616	
	1993	88888 Blank but applicable	
	28152	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
3956-3960 TYPC029R		Equivalent volume at -255 daPa, right ear (ml)	See note
	1166	0.610-4.571	
	1993	88888 Blank but applicable	
	28152	Blank	
3961-3965 TYPC030R		Equivalent volume at -250 daPa, right ear (ml)	See note
	1166	0.624-4.508	
	1993	88888 Blank but applicable	
	28152	Blank	
3966-3970 TYPC031R		Equivalent volume at -245 daPa, right ear (ml)	See note
	1166	0.613-4.522	
	1993	88888 Blank but applicable	
	28152	Blank	
3971-3975 TYPC032R		Equivalent volume at -240 daPa, right ear (ml)	See note
	1166	0.642-4.585	
	1993	88888 Blank but applicable	
	28152	Blank	
3976-3980 TYPC033R		Equivalent volume at -235 daPa, right ear (ml)	See note
	1166	0.635-4.585	
	1993	88888 Blank but applicable	
	28152	Blank	
3981-3985 TYPC034R		Equivalent volume at -230 daPa, right ear (ml)	See note
	1166	0.638-4.515	
	1993	88888 Blank but applicable	
	28152	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
3986-3990 TYPC035R		Equivalent volume at -225 daPa, right ear (ml)	See note
	1166	0.619-4.533	
	1993	88888 Blank but applicable	
	28152	Blank	
3991-3995 TYPC036R		Equivalent volume at -220 daPa, right ear (ml)	See note
	1166	0.610-4.460	
	1993	88888 Blank but applicable	
	28152	Blank	
3996-4000 TYPC037R		Equivalent volume at -215 daPa, right ear (ml)	See note
	1166	0.635-4.470	
	1993	88888 Blank but applicable	
	28152	Blank	
4001-4005 TYPC038R		Equivalent volume at -210 daPa, right ear (ml)	See note
	1166	0.358-4.397	
	1993	88888 Blank but applicable	
	28152	Blank	
4006-4010 TYPC039R		Equivalent volume at -205 daPa, right ear (ml)	See note
	1166	0.605-4.373	
	1993	88888 Blank but applicable	
	28152	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4011-4015 TYPC040R		Equivalent volume at -200 daPa, right ear (ml)	See note
	4388	0.190-4.854	
	1993	88888 Blank but applicable	
	24930	Blank	
4016-4020 TYPC041R		Equivalent volume at -195 daPa, right ear (ml)	See note
	4388	0.147-4.854	
	1993	88888 Blank but applicable	
	24930	Blank	
4021-4025 TYPC042R		Equivalent volume at -190 daPa, right ear (ml)	See note
	4388	0.190-4.885	
	1993	88888 Blank but applicable	
	24930	Blank	
4026-4030 TYPC043R		Equivalent volume at -185 daPa, right ear (ml)	See note
	4388	0.176-4.908	
	1993	88888 Blank but applicable	
	24930	Blank	
4031-4035 TYPC044R		Equivalent volume at -180 daPa, right ear (ml)	See note
	4388	0.190-4.935	
	1993	88888 Blank but applicable	
	24930	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4036-4040 TYPC045R		Equivalent volume at -175 daPa, right ear (ml)	See note
	4388	0.176-4.962	
	1993	88888 Blank but applicable	
	24930	Blank	
4041-4045 TYPC046R		Equivalent volume at -170 daPa, right ear (ml)	See note
	4388	0.167-4.979	
	1993	88888 Blank but applicable	
	24930	Blank	
4046-4050 TYPC047R		Equivalent volume at -165 daPa, right ear (ml)	See note
	4388	0.176-5.020	
	1993	88888 Blank but applicable	
	24930	Blank	
4051-4055 TYPC048R		Equivalent volume at -160 daPa, right ear (ml)	See note
	4388	0.190-5.050	
	1993	88888 Blank but applicable	
	24930	Blank	
4056-4060 TYPC049R		Equivalent volume at -155 daPa, right ear (ml)	See note
	4388	0.153-5.124	
	1993	88888 Blank but applicable	
	24930	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4061-4065 TYPC050R		Equivalent volume at -150 daPa, right ear (ml)	See note
	4388	0.190-5.259	
	1993	88888 Blank but applicable	
	24930	Blank	
4066-4070 TYPC051R		Equivalent volume at -145 daPa, right ear (ml)	See note
	4388	0.167-5.279	
	1993	88888 Blank but applicable	
	24930	Blank	
4071-4075 TYPC052R		Equivalent volume at -140 daPa, right ear (ml)	See note
	4388	0.150-5.303	
	1993	88888 Blank but applicable	
	24930	Blank	
4076-4080 TYPC053R		Equivalent volume at -135 daPa, right ear (ml)	See note
	4388	0.223-5.320	
	1993	88888 Blank but applicable	
	24930	Blank	
4081-4085 TYPC054R		Equivalent volume at -130 daPa, right ear (ml)	See note
	4388	0.176-5.360	
	1993	88888 Blank but applicable	
	24930	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4086-4090 TYPC055R		Equivalent volume at -125 daPa, right ear (ml)	See note
	4388	0.147-5.408	
	1993	88888 Blank but applicable	
	24930	Blank	
4091-4095 TYPC056R		Equivalent volume at -120 daPa, right ear (ml)	See note
	4388	0.233-5.448	
	1993	88888 Blank but applicable	
	24930	Blank	
4096-4100 TYPC057R		Equivalent volume at -115 daPa, right ear (ml)	See note
	4388	0.137-5.475	
	1993	88888 Blank but applicable	
	24930	Blank	
4101-4105 TYPC058R		Equivalent volume at -110 daPa, right ear (ml)	See note
	4388	0.163-5.502	
	1993	88888 Blank but applicable	
	24930	Blank	
4106-4110 TYPC059R		Equivalent volume at -105 daPa, right ear (ml)	See note
	4388	0.190-5.519	
	1993	88888 Blank but applicable	
	24930	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4111-4115 TYPC060R		Equivalent volume at -100 daPa, right ear (ml)	See note
	4388	0.163-5.536	
	1993	88888 Blank but applicable	
	24930	Blank	
4116-4120 TYPC061R		Equivalent volume at -95 daPa, right ear (ml)	See note
	4388	0.193-5.563	
	1993	88888 Blank but applicable	
	24930	Blank	
4121-4125 TYPC062R		Equivalent volume at -90 daPa, right ear (ml)	See note
	4388	0.239-5.583	
	1993	88888 Blank but applicable	
	24930	Blank	
4126-4130 TYPC063R		Equivalent volume at -85 daPa, right ear (ml)	See note
	4388	0.124-5.600	
	1993	88888 Blank but applicable	
	24930	Blank	
4131-4135 TYPC064R		Equivalent volume at -80 daPa, right ear (ml)	See note
	4388	0.183-5.613	
	1993	88888 Blank but applicable	
	24930	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4136-4140 TYPC065R		Equivalent volume at -75 daPa, right ear (ml)	See note
	4388	0.262-5.634	
	1993	88888 Blank but applicable	
	24930	Blank	
4141-4145 TYPC066R		Equivalent volume at -70 daPa, right ear (ml)	See note
	4388	0.120-5.637	
	1993	88888 Blank but applicable	
	24930	Blank	
4146-4150 TYPC067R		Equivalent volume at -65 daPa, right ear (ml)	See note
	4388	0.127-5.634	
	1993	88888 Blank but applicable	
	24930	Blank	
4151-4155 TYPC068R		Equivalent volume at -60 daPa, right ear (ml)	See note
	4388	0.190-5.603	
	1993	88888 Blank but applicable	
	24930	Blank	
4156-4160 TYPC069R		Equivalent volume at -55 daPa, right ear (ml)	See note
	4388	0.170-5.610	
	1993	88888 Blank but applicable	
	24930	Blank	

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TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4161-4165 TYPC070R		Equivalent volume at -50 daPa, right ear (ml)	See note
	4388	0.143-5.570	
	1993	88888 Blank but applicable	
	24930	Blank	
4166-4170 TYPC071R		Equivalent volume at -45 daPa, right ear (ml)	See note
	4388	0.216-5.529	
	1993	88888 Blank but applicable	
	24930	Blank	
4171-4175 TYPC072R		Equivalent volume at -40 daPa, right ear (ml)	See note
	4388	0.167-5.465	
	1993	88888 Blank but applicable	
	24930	Blank	
4176-4180 TYPC073R		Equivalent volume at -35 daPa, right ear (ml)	See note
	4388	0.200-5.367	
	1993	88888 Blank but applicable	
	24930	Blank	
4181-4185 TYPC074R		Equivalent volume at -30 daPa, right ear (ml)	See note
	4388	0.193-5.283	
	1993	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4186-4190 TYPC075R		Equivalent volume at -25 daPa, right ear (ml)	See note
	4388	0.183-5.155	
	1993	88888 Blank but applicable	
	24930	Blank	
4191-4195 TYPC076R		Equivalent volume at -20 daPa, right ear (ml)	See note
	4388	0.190-5.070	
	1993	88888 Blank but applicable	
	24930	Blank	
4196-4200 TYPC077R		Equivalent volume at -15 daPa, right ear (ml)	See note
	4388	0.262-5.035	
	1993	88888 Blank but applicable	
	24930	Blank	
4201-4205 TYPC078R		Equivalent volume at -10 daPa, right ear (ml)	See note
	4388	0.167-5.007	
	1993	88888 Blank but applicable	
	24930	Blank	
4206-4210 TYPC079R		Equivalent volume at -5 daPa, right ear (ml)	See note
	4388	0.219-5.017	
	1993	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4211-4215 TYPC080R		Equivalent volume at 0 daPa, right ear (ml)	See note
	4388	0.206-4.961	
	1993	88888 Blank but applicable	
	24930	Blank	
4216-4220 TYPC081R		Equivalent volume at 5 daPa, right ear (ml)	See note
	4388	0.163-4.817	
	1993	88888 Blank but applicable	
	24930	Blank	
4221-4225 TYPC082R		Equivalent volume at 10 daPa, right ear (ml)	See note
	4388	0.289-4.780	
	1993	88888 Blank but applicable	
	24930	Blank	
4226-4230 TYPC083R		Equivalent volume at 15 daPa, right ear (ml)	See note
	4388	0.292-4.763	
	1993	88888 Blank but applicable	
	24930	Blank	
4231-4235 TYPC084R		Equivalent volume at 20 daPa, right ear (ml)	See note
	4388	0.213-4.750	
	1993	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4236-4240 TYPC085R		Equivalent volume at 25 daPa, right ear (ml)	See note
	4388	0.262-4.720	
	1993	88888 Blank but applicable	
	24930	Blank	
4241-4245 TYPC086R		Equivalent volume at 30 daPa, right ear (ml)	See note
	4388	0.335-4.716	
	1993	88888 Blank but applicable	
	24930	Blank	
4246-4250 TYPC087R		Equivalent volume at 35 daPa, right ear (ml)	See note
	4388	0.332-4.682	
	1993	88888 Blank but applicable	
	24930	Blank	
4251-4255 TYPC088R		Equivalent volume at 40 daPa, right ear (ml)	See note
	4388	0.338-4.669	
	1993	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4256-4260 TYPC089R		Equivalent volume at 45 daPa, right ear (ml)	See note
	4388	0.321-4.652	
	1993	88888 Blank but applicable	
	24930	Blank	
4261-4265 TYPC090R		Equivalent volume at 50 daPa, right ear (ml)	See note
	4388	0.527-4.645	
	1993	88888 Blank but applicable	
	24930	Blank	
4266-4270 TYPC091R		Equivalent volume at 55 daPa, right ear (ml)	See note
	4388	0.510-4.628	
	1993	88888 Blank but applicable	
	24930	Blank	
4271-4275 TYPC092R		Equivalent volume at 60 daPa, right ear (ml)	See note
	4388	0.480-4.639	
	1993	88888 Blank but applicable	
	24930	Blank	
4276-4280 TYPC093R		Equivalent volume at 65 daPa, right ear (ml)	See note
	4388	0.469-4.635	
	1993	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4281-4285 TYPC094R		Equivalent volume at 70 daPa, right ear (ml)	See note
	4388	0.473-4.642	
	1993	88888 Blank but applicable	
	24930	Blank	
4286-4290 TYPC095R		Equivalent volume at 75 daPa, right ear (ml)	See note
	4388	0.452-4.652	
	1993	88888 Blank but applicable	
	24930	Blank	
4291-4295 TYPC096R		Equivalent volume at 80 daPa, right ear (ml)	See note
	4388	0.447-4.669	
	1993	88888 Blank but applicable	
	24930	Blank	
4296-4300 TYPC097R		Equivalent volume at 85 daPa, right ear (ml)	See note
	4388	0.506-4.645	
	1993	88888 Blank but applicable	
	24930	Blank	
4301-4305 TYPC098R		Equivalent volume at 90 daPa, right ear (ml)	See note
	4388	0.483-4.645	
	1993	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4306-4310 TYPC099R		Equivalent volume at 95 daPa, right ear (ml)	See note
	4388	0.424-4.642	
	1993	88888 Blank but applicable	
	24930	Blank	
4311-4315 TYPC100R		Equivalent volume at 100 daPa, right ear (ml)	See note
	4388	0.445-4.625	
	1993	88888 Blank but applicable	
	24930	Blank	
4316-4320 TYPC101R		Equivalent volume at 105 daPa, right ear (ml)	See note
	4388	0.438-4.639	
	1993	88888 Blank but applicable	
	24930	Blank	
4321-4325 TYPC102R		Equivalent volume at 110 daPa, right ear (ml)	See note
	4388	0.424-4.625	
	1993	88888 Blank but applicable	
	24930	Blank	
4326-4330 TYPC103R		Equivalent volume at 115 daPa, right ear (ml)	See note
	4388	0.449-4.612	
	1993	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4331-4335 TYPC104R		Equivalent volume at 120 daPa, right ear (ml)	See note
	4388	0.483-4.625	
	1993	88888 Blank but applicable	
	24930	Blank	
4336-4340 TYPC105R		Equivalent volume at 125 daPa, right ear (ml)	See note
	4388	0.466-4.639	
	1993	88888 Blank but applicable	
	24930	Blank	
4341-4345 TYPC106R		Equivalent volume at 130 daPa, right ear (ml)	See note
	4388	0.449-4.642	
	1993	88888 Blank but applicable	
	24930	Blank	
4346-4350 TYPC107R		Equivalent volume at 135 daPa, right ear (ml)	See note
	4388	0.241-4.642	
	1993	88888 Blank but applicable	
	24930	Blank	
4351-4355 TYPC108R		Equivalent volume at 140 daPa, right ear (ml)	See note
	4388	0.434-4.639	
	1993	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4356-4360 TYPC109R		Equivalent volume at 145 daPa, right ear (ml)	See note
	4388	0.438-4.639	
	1993	88888 Blank but applicable	
	24930	Blank	
4361-4365 TYPC110R		Equivalent volume at 150 daPa, right ear (ml)	See note
	4388	0.373-4.669	
	1993	88888 Blank but applicable	
	24930	Blank	
4366-4370 TYPC111R		Equivalent volume at 155 daPa, right ear (ml)	See note
	4388	0.393-4.669	
	1993	88888 Blank but applicable	
	24930	Blank	
4371-4375 TYPC112R		Equivalent volume at 160 daPa, right ear (ml)	See note
	4388	0.448-4.666	
	1993	88888 Blank but applicable	
	24930	Blank	
4376-4380 TYPC113R		Equivalent volume at 165 daPa, right ear (ml)	See note
	4388	0.448-4.666	
	1993	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4381-4385 TYPC114R		Equivalent volume at 170 daPa, right ear (ml)	See note
	4388	0.441-4.693	
	1993	88888 Blank but applicable	
	24930	Blank	
4386-4390 TYPC115R		Equivalent volume at 175 daPa, right ear (ml)	See note
	4388	0.452-4.693	
	1993	88888 Blank but applicable	
	24930	Blank	
4391-4395 TYPC116R		Equivalent volume at 180 daPa, right ear (ml)	See note
	4388	0.176-4.720	
	1993	88888 Blank but applicable	
	24930	Blank	
4396-4400 TYPC117R		Equivalent volume at 185 daPa, right ear (ml)	See note
	4388	0.347-4.709	
	1993	88888 Blank but applicable	
	24930	Blank	
4401-4405 TYPC118R		Equivalent volume at 190 daPa, right ear (ml)	See note
	4388	0.369-4.720	
	1993	88888 Blank but applicable	
	24930	Blank	

TYMPANOMETRY

TYMPANOGRAM DATA POINTS: RIGHT EAR

Positions SAS name	Counts	Item description and code	Notes
4406-4410 TYPC119R		Equivalent volume at 195 daPa, right ear (ml)	See note
	4388	0.383-4.736	
	1993	88888 Blank but applicable	
	24930	Blank	
4411-4415 TYPC120R		Equivalent volume at 200 daPa, right ear (ml)	See note
	4388	0.276-4.747	
	1993	88888 Blank but applicable	
	24930	Blank	
4416-4420 TYPTECH		Examiner	
	6249	01001-09018	
	248	88888 Blank but applicable	
	24814	Blank	

NOTES

TYPC000L-TYPC120L and TYPC000R-TYPC120R: Equivalent volume at various pressures, left and right ears

Use the following SAS code, or a similar process in another programming language, to obtain plots of compliance (y) versus pressure (x) for left and right ear data for each examinee (identified by SEQN) in a data set. Note that the use of name-range variable lists in the array statements assumes that the variables are ordered as shown in the data file code book. Variations in ordering for the specified variables will result in errors.

```
ARRAY LCOMPL (121) TYPC000L--TYPC120L;
ARRAY RCOMPL (121) TYPC000R--TYPC120R;
 J=200;         *start pressure values at 200 daPa;
 DO I=1 TO 121;
 LCOMPLY=LCOMPL(I);
 RCOMPLY=RCOMPL(I);
  PRESSURE=J; *associate a pressure value with compliance;
OUTPUT;
J=J-5;        *decrease pressure by 5 daPa for next point;
 END;
PROC SORT; BY SEQN;
PROC PLOT; BY SEQN;
 PLOT LCOMPLY*PRESSURE;
 PLOT RCOMPLY*PRESSURE;
```

WISC/WRAT COGNITIVE TEST

Cognitive function was evaluated by administering portions of standardized tests to examinees aged 6-16 years at the time of the examination. This represents a variation from the usual NHANES test protocol, in which tests are conducted based on the age at the time of the household interview, rather than on the age at the time of the MEC examination. The protocol for this component did not detail any medical, safety or other exclusions.

Because these tests were administered in the mobile examination center (MEC), the MEC examination sample weight (WTPFEX6) should be used for data analysis. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Cognitive function was evaluated using parts of two tests, the Wechsler Intelligence Scale for Children-Revised (WISC-R) and the Wide Range Achievement Test-Revised (WRAT-R). Two subtests of the WISC-R test, a verbal component (Digit Span) and a performance exam (Block Design), were administered and are considered relatively culturally unbiased (Kaufman, 1979). In addition, two subtests of the

WRAT-R test, math and reading, were conducted. The WISC-R test was administered first and was followed by the WRAT-R. The scores for all four subtests used a common scale and were derived for each child relative to his/her age group based on test-specific standardization samples created by the test developers (Wechsler, 1974; Jastak, 1984; Kramer, 1995).

At the time of hire, MEC interviewers were trained to conduct the WISC/WRAT examination. During annual site visits, test administration was evaluated, and re-training took place. To increase the number of evaluated examination administrations with minimum intrusion and after obtaining informed consent from the examinees or their guardians, sessions were audio-taped and reviewed for protocol adherence. Feedback was provided to the interviewers after review of the taped sessions.

An automated data collection system ensured that responses obtained were within acceptable ranges. Consequently, minimal data processing and editing were required. Notes have been provided for standardized and recoded variables and for variables requiring additional explanation.

Conducting only a portion of each of the WISC-R and WRAT-R tests with children in NHANES III limits data interpretation. For example, an Intelligence Quotient (IQ) cannot be calculated for an individual using the WISC-R results from NHANES III because only certain subtests were administered. The complete WISC-R examination is comprised of twelve components, six verbal and six performance modules. An IQ can be calculated only when ten of the twelve verbal and performance elements are administered. Similarly, the WRAT-R test administered in NHANES III omitted a spelling section and is, therefore, incomplete. For additional information on the tests, refer to the Manual for the Wechsler Intelligence Scale for Children-Revised (Wechsler, 1974) and the Wide Range Achievement Test-Revised Administration Manual (Jastak, 1984).

WISC-R and WRAT-R test forms are not found in either the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94, or the test manuals. The forms are copyrighted and may be reproduced only with written permission from the publishers. Write to Jastak Associates, Inc. (1526 Gilpin Avenue, Wilmington, DE 19806) for the WRAT-R test form and to The Psychological Corporation (555 Academic Court, San Antonio, TX 78204-0952) for the WISC-R form.

WISC/WRAT COGNITIVE TEST

RAW/STANDARDIZED/SCALED SCORES

Positions / SAS name	Counts	Item description and code	Notes
4421-4423		Math raw score	See note
WWPMRSR	5081	000-053	
	286	888 Blank but applicable	
	25944	Blank	
4424-4426		Reading raw score	See note
WWPRRSR	5062	000-095	
	305	888 Blank but applicable	
	25944	Blank	
4427-4429		Math standardized score	See note
WWPMSSR	4990	046-151	
	91	777 Less than the lowest possible score for a particular age	
	286	888 Blank but applicable	
	25944	Blank	
4430-4432		Reading standardized score	See note
WWPRSSR	4853	046-141	
	209	777 Less than the lowest possible score for a particular age	
	305	888 Blank but applicable	
	25944	Blank	
4433-4434		Math scaled score	See note
WWPMSCSR	5081	00-20	
	286	88 Blank but applicable	
	25944	Blank	
4435-4436		Reading scaled score	See note
WWPRSCSR	5062	00-18	
	305	88 Blank but applicable	
	25944	Blank	
4437-4438		Block design scaled score	See note
WWPBSCSR	5036	01-19	
	331	88 Blank but applicable	
	25944	Blank	

NHANES III Examination Data File

WISC/WRAT COGNITIVE TEST

RAW/STANDARDIZED/SCALED SCORES

Positions SAS name	Counts	Item description and code		Notes
4439-4440		Digit span scaled score		See note
WWPDSCSR	5033	01-19		
	334	88	Blank but applicable	
	25944	Blank		

WISC/WRAT COGNITIVE TEST

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code		Notes
4441		Language used in exam		See note
WWPLANG	206	1	Used Spanish in exam	
	4869	2	Used English in exam	
	292	8	Blank but applicable	
	25944	Blank		
4442-4446		Examiner number		
WWPTECH	311	04001		
	316	04002		
	318	04003		
	952	04004		
	1744	04005		
	1271	04006		
	103	07002		
	9	07007		
	25	07014		
	7	07073		
	311	88888	Blank but applicable	
	25944	Blank		

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NOTES

WWPBSCSR and WWPDSCSR: Scaled scores

Scaled scores were determined using calculations provided in the WISC-R Manual (Wechsler, 1974). Refer to this publication for information on deriving these scores. Scaling scores allows comparison of WISC-R with WRAT-R test components.

WWPDSCSR: Digit span scaled score

See note for WWPBSCSR.

WWPLANG: Language used in exam

All tests were administered in either English or Spanish. Children who did not speak either language were excluded from the test, and their test results were coded as "Blank but applicable." Note that of the 292 "Blank but applicable" cases for language used in exam, 280 had all test components "Blank but applicable" (8-filled).

WWPMRSR: Math raw score

This variable represents the sum of the raw scores for the oral and written math tests.

WWPMSCSR: Math scaled score

The math scaled score (WWPMSCSR) was derived from the math raw score (WWPMRSR) using factors calculated and provided in the WRAT-R Administration Manual (Jastak, 1984). This variable represents the scaled score for the mathematics test and allows comparison between the WRAT-R and WISC-R exams.

WWPMSSR and WWPRSSR: Standardized scores

Standardized scores represent an age-standardized version of raw scores and were calculated according to the WRAT-R Administration Manual (Jastak, 1984). Refer to this publication for information on deriving these scores. Note that in accordance with the WRAT-R manual, the smallest standardized score possible varies by age.

WWPRRSR: Reading raw score

This variable represents the sum of the raw scores for the oral and formal reading tests.

WWPRSCSR: Reading scaled score

The reading scaled score (WWPRSCSR) was derived from the reading raw score (WWPRRSR) using factors calculated and provided in the WRAT-R Administration Manual (Jastak, 1984). This variable represents the scaled score for the reading test and allows comparison between the WRAT-R and WISC-R exams.

WWPRSSR: Reading standardized score

See note for WWPMSSR.

SPIROMETRY

Lung function testing (spirometry) was conducted on examinees aged eight years and older by a trained technician in the mobile examination center (MEC). It also was conducted at the home of examinees aged 60 and over who were unwilling or unable to come to the MEC. Before testing, screening questions were asked to determine medical safety exclusions. Those excluded from testing were examinees who had undergone chest or abdominal surgery within three weeks or had experienced heart problems (myocardial infarction or heart attack, angina or chest pain, congestive heart failure) within six weeks before the MEC exam.

To determine which subjects were home examinees, the DMPSTAT variable (3=home-examined) should be used. When analyzing data for combined home-examined and MEC-examined subjects, the combined MEC- plus home-examined sample weights should be used (WTPFHX6). When using only MEC items or measures, the MEC examination sample weights should be used (WTPFEX6). For more information on the use of sample weights in NHANES III data analysis, refer to the Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Spirometry is a widely used test of lung function that measures both the volume of air in the lung and how quickly a person can move the air out of the lung. A testing session consisted of repeated forced vital capacity (FVC) maneuvers. Each maneuver required the examinee to take the deepest possible breath and exhale into a spirometer as hard, fast, and completely as possible. The spirometer recorded the volume of air exhaled as a function of time from which a number of parameters were measured. Each examinee attempted to perform at least five FVC maneuvers.

The testing procedure was explained and demonstrated to each examinee by a spirometry technician. The computer provided immediate feedback on the examinee's effort, and the technician used that information to actively coach the examinee through each trial.

For a maneuver to be acceptable, it had to be a maximal exhalation free from a cough, excessive hesitation, a leak, an obstructed mouthpiece, variable effort, or early termination. An additional goal was that the examinee have a sufficient number of trials to demonstrate that the FVC and forced expiratory volume(FEV1) values were reproducible.

Aside from using a different type of spirometer flow-type (see SPPTYPE) in home examinations, technicians used procedures comparable to those used in the MEC. Therefore, the home spirometry values were incorporated into the MEC spirometry measures data set. Refer to the Spirometry Examination Manual (U.S. DHHS, 1996b) and the Home Exam Manual (U.S. DHHS, 1996b) for descriptions of data collection procedures and methods. Testing procedures met the recommendations of the American Thoracic Society (American Thoracic Society, 1987).

The National Institute for Occupational Safety and Health (NIOSH)

served as the spirometry quality control center. Each spirometry technician received at least one week of formal training and satisfactorily completed a NIOSH-approved course on spirometry. Additionally, spirometry data were reviewed by the quality control center at the completion of each location, and technicians received continuous feedback on their performance.

Data processing and editing were performed to ensure internal data consistency. Notes have been provided for variables requiring additional explanation.

SPIROMETRY

SCREENING QUESTIONS

Positions SAS name	Counts	Item description and code		Notes
4447		In the past three weeks have you had any		
SPPQ1		surgery on your chest or abdomen?		
	4	1	Yes (End)	
	20923	2	No	
	1516	8	Blank but applicable	
	8868	Blank		
4448		Have you been hospitalized for a heart		
SPPQ2		problem (i.e., heart attack, angina or chest pain, congestive heart failure) within the past six weeks?		
	9	1	Yes (End)	
	20917	2	No	
	1517	8	Blank but applicable	
	8868	Blank		
4449		Have you smoked a cigarette, eaten a		
SPPQ3		heavy meal, or used any medications to help your breathing in the past hour?		
	287	1	Yes	
	20629	2	No	
	1515	8	Blank but applicable	
	8880	Blank		
4450		In the past few days have you had a		
SPPQ4		cough, cold, or other acute illness?		
	4228	1	Yes	
	16688	2	No	
	1515	8	Blank but applicable	
	8880	Blank		
4451		In the past three weeks have you had any		
SPPQ5		respiratory infections, such as flu, pneumonia, bronchitis, or a severe cold?		
	1077	1	Yes	
	19839	2	No	
	1515	8	Blank but applicable	
	8880	Blank		

NHANES III Examination Data File

SPIROMETRY

HOME EXAMINATION

Positions SAS name	Counts	Item description and code		Notes
4452		Position for home examination		
HXPEJ6A2	239	1	Standing	
	129	2	Sitting	
	77	8	Blank but applicable	
	30866	Blank		

SPIROMETRY

DATA

Positions SAS name	Counts	Item description and code	Notes
4453-4457		Examiner number	
SPPTECH1	20977	01001-09018	
	1454	88888 Blank but applicable	
	8880	Blank	
4458-4459		Number of forced vital capacity (FVC) trials attempted	See note
SPPTRIAL	54	00 Zero	
	20932	01-16	
	1445	88 Blank but applicable	
	8880	Blank	
4460-4464		Peak expiratory flow, largest value (ml)	See note
SPPPEAK	20835	00125-17980	
	1596	88888 Blank but applicable	
	8880	Blank	
4465-4468		Forced expiratory volume (FEV) at 0.5 second, largest value (ml)	See note
SPPFEV05	20599	0050-4941	
	1832	8888 Blank but applicable	
	8880	Blank	
4469-4472		FEV1 at 1.0 second, largest value (ml)	See note
SPPFEV1	20835	0104-6572	
	1596	8888 Blank but applicable	
	8880	Blank	
4473-4477		FEV3 at 3.0 seconds, largest value (ml)	See note
SPPFEV3	20599	00230-07608	
	1832	88888 Blank but applicable	
	8880	Blank	
4478-4482		FEV6 at 6.0 seconds, largest value (ml)	See note
SPPFEV6	20599	00347-07811	
	1832	88888 Blank but applicable	
	8880	Blank	

SPIROMETRY

DATA

Positions SAS name	Counts	Item description and code		Notes
4483-4487		FVC, largest value (ml)		See note
SPPFVC	20835	00361-07845		
	1596	88888	Blank but applicable	
	8880	Blank		
4488-4492		Maximum mid-expiratory flow (ml/sec best curve)		See note
SPPMMEF	20599	00056-08913		
	1832	88888	Blank but applicable	
	8880	Blank		
4493		Spirometer type		See note
SPPTYPE	20585	1	MEC exam, NIOSH volume spirometer	
	53	2	Home exam, MultiSpiro flow spirometer	
	97	3	Home exam, Riko flow spirometer	
	101	4	Home exam, NIOSH flow spirometer	
	1595	8	Blank but applicable	
	8880	Blank		
4494		Reproducibility code		See note
SPPREPRO	1182	1	FVC not reproducible	
	62	2	FEV1 not reproducible	
	309	3	Neither FVC nor FEV1 reproducible	
	19283	4	Both FVC and FEV1 reproducible	
	1595	8	Blank but applicable	
	8880	Blank		
4495		Review evaluation		See note
SPPRELIA	20743	1	Test reliable	
	241	2	Test unreliable	
	1447	8	Blank but applicable	
	8880	Blank		
4496-4497		Number of acceptable trials		See note
SPPMANEU	150	00	Zero	
	20836	01-16		
	1445	88	Blank but applicable	
	8880	Blank		

SPIROMETRY

DATA

Positions SAS name	Counts	Item description and code	Notes
4498-4502		Time of day test was conducted (hh:mm)	
SPPTIME	20599	08:00-21:37	
	1832	88888 Blank but applicable	
	8880	Blank	
4503-4504		Expiratory time of trial with largest FVC (sec)	See note
SPPEXPIR	20793	00-25	
	1638	88 Blank but applicable	
	8880	Blank	
4505-4508		FEF at 75% of FVC (ml)	See note
SPPFEF75	20599	0050-5427	
	1832	8888 Blank but applicable	
	8880	Blank	
4509-4510		Spirometer internal temperature (Celsius)	See note
SPPTEMP	20816	12-32	
	1615	88 Blank but applicable	
	8880	Blank	

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NOTES

SPPEXPIR: Expiratory time of the trial with the largest forced vital capacity (FVC)(sec)

The time (seconds) it took to reach the largest FVC.

SPPFEF75: Flow at 75% of FVC (ml/second)

This was the flow rate (ml/second) at 75% of the FVC. Values were obtained from the "best curve" or the curve with the largest sum of FEV1 plus FVC.

SPPFEV05: Forced expiratory volume (FEV) at 0.5 seconds (ml)

The volume (ml) of air exhaled during the first 0.5 second of a forced vital capacity maneuver. The volume reported is the largest volume achieved from all acceptable FVC maneuvers.

SPPFEV1: Forced expiratory volume at 1 second (ml)

The volume (ml) of air exhaled during the first second of a forced vital capacity maneuver. The volume reported is the largest volume achieved from all acceptable FVC maneuvers.

SPPFEV3: Forced expiratory volume at 3 seconds (ml)

The volume (ml) of air exhaled during the first three seconds of a forced vital capacity maneuver. The volume reported is the largest volume achieved from all acceptable FVC maneuvers.

SPPFEV6: Forced expiratory volume at six seconds (ml)

The volume (ml) of air exhaled during the first six seconds of a forced vital capacity maneuver. The volume reported is the largest volume achieved from all acceptable FVC maneuvers.

SPPFVC: Forced vital capacity, largest value (ml)

The total volume (ml) of air exhaled during a forced vital capacity maneuver. The volume reported is the largest volume achieved from all acceptable FVC maneuvers.

SPPMANEU: Number of acceptable trials

The number of FVC maneuvers that met the ATS acceptability criteria.

SPPMMEF: Maximum mid-expiratory flow (ml/second best curve)

The mean forced expiratory flow during the middle half of the FVC maneuver. Values were obtained from the "best curve" defined as the curve with the highest sum of FVC and FEV1.

SPPPEAK: Peak expiratory flow (ml/second)

The maximum expiratory flow (ml/sec) observed from all acceptable FVC maneuvers.

SPPRELIA: Test evaluation

All tests were reviewed by two senior quality technicians at the spirometry quality control center and classified for reliability. Tests deemed unreliable should not be used because the quality technicians determined that the results were of insufficient quality to be usable.

SPPREPRO: Reproducibility code

In accordance with ATS guidelines, all unacceptable maneuvers were excluded before the reproducibility calculations were performed. The goal during test performance was to obtain a reproducible FVC (largest FVC and second largest FVC within 5%) and a reproducible FEV1 (largest FEV1 and second largest FEV1 within 5%). The reproducibility code indicates whether a reproducible FVC and/or FEV1 was obtained.

SPPTEMP: Spirometer internal temperature (Celsius)

This was the internal temperature inside the spirometer measured at the end of the FVC maneuver.

SPPTRIAL: Number of forced vital capacity (FVC) trials attempted

This was the total number of forced vital capacity maneuvers attempted by the sample person.

SPPTYPE: Spirometer type

Four different types of spirometers were used; one type was used in MEC spirometry exams, and three different types were used in home spirometry exams. The MEC spirometers (type=1) were customized, Ohio 822 or 827, dry, rolling-seal spirometers and were interfaced to a microcomputer. For home spirometry, the three types of flow spirometers used were: MultiSpiro (type=2),

Riko model AS-600 (type=3), and NIOSH (type=4). The MultiSpiro- and Riko-brand spirometers produced paper tracings with digital readings of FVC and FEV1. These spirometers provided neither quality assessments of the subject's effort nor some of the spirometry variables measured in the MEC. The NIOSH flow spirometer measured all of the parameters measured by the MEC spirometer and provided a display of the subject's flow-volume curve with a computer-determined quality assessment equivalent to the assessment provided by the spirometer used in the MEC.

MEC YOUTH QUESTIONNAIRE (Except DIS)

The MEC Youth Questionnaire was administered to examinees aged 8-16 years in the mobile examination center (MEC). Conducted by a trained interviewer, the automated questionnaire was administered in a private setting to ensure confidentiality due to the sensitive nature of some of the sections. The questionnaire included sections on physical activity, tobacco use, reproductive health, selected conditions, medicine/vitamin usage, food frequency, alcohol/drug use, and the Diagnostic Interview Schedule (DIS). Because this component was administered in the examination center, the MEC examination sample weight (WTPFEX6) should be used for data analysis. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Several portions of the questionnaire were asked only of specific age or gender groups, and check items are included as variables in this file to indicate these subgroups. For example, reproductive health was asked of boys aged 15-16 years and girls aged 10-16 years. Medicine/vitamin use, food frequency, and alcohol/drug use were asked of boys and girls aged 12-16 years. The DIS was asked of adolescents aged 15-16 years. The DIS was edited and documented separately (see Diagnostic Interview Schedule).

A subset of questions from the MEC Youth Questionnaire were administered as the MEC Proxy Questionnaire to the parents or guardians of children aged 2 months-11 years. Questions on medicine, vitamin, and mineral usage, selected health conditions, and WIC program participation from the two questionnaires can be combined for an analysis of youths 2 months-16 years of age (see MEC Proxy Questionnaire).

Data processing and editing were performed for consistency of responses within the sections of the questionnaire. Notes have been provided for variables that were standardized or recoded or those that require additional comments. The notes reference the questions, by section and number, from the questionnaires which can be found in the Plan and Operation of the National Health and Nutrition Examination Survey, 1988-1994 (NCHS, 1994; U.S. DHHS, 1996b).

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION A. ACTIVITY

Positions SAS name	Counts	Item description and code		Notes
4511-4512 MYPA1		How many times per week do you play or exercise enough to make you sweat and breathe hard?		
	308	01		
	516	02		
	593	03		
	386	04		
	852	05		
	204	06		
	637	07		
	453	08	Eight or more	
	154	77	Less than once per week	
	161	88	Blank but applicable	
	17	99	Don't know	
	27030	Blank		
4513 MYPA2		In the past year, how many sport teams or organized exercise programs have you been involved in? Do not include physical education or gym classes.		
	1846	0	No teams/programs	
	1034	1		
	627	2		
	337	3		
	139	4		
	120	5	Five or more	
	160	8	Blank but applicable	
	18	9	Don't know	
	27030	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION A. ACTIVITY

Positions SAS name	Counts	Item description and code		Notes
4514 MYPA3		About how many hours did you watch TV yesterday?		
	452	0	None	
	684	1	About one hour	
	777	2	About two hours	
	651	3	About three hours	
	441	4	About four hours	
	895	5	About five hours or more	
	210	7	Less than one half hour	
	161	8	Blank but applicable	
	10	9	Don't know	
	27030	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION B. TOBACCO

Positions SAS name	Counts	Item description and code		Notes
4515 MYPB1		Have you smoked at least 1 cigarette?		
	724	1	Yes	
	3394	2	No (MYPB15)	
	162	8	Blank but applicable	
	1	9	Don't know	
	27030	Blank		
4516-4517 MYPB2		At what age did you smoke your first cigarette?		
	722	02-16		
	162	88	Blank but applicable	
	3	99	Don't know	
	30424	Blank		
4518 MYPB3		Have you smoked at least 100 cigarettes during your entire life (approximately 5 packs)?		
	120	1	Yes	
	604	2	No (MYPB11)	
	162	8	Blank but applicable	
	1	9	Don't know	
	30424	Blank		
4519-4520 MYPB4		How old were you when you first started smoking cigarettes fairly regularly?		
	4	00	Never smoked regularly	
	2	07		
	3	08		
	4	09		
	3	10		
	8	11		
	12	12		
	25	13		
	35	14		
	17	15		
	8	16		
	162	88	Blank but applicable	
	31028	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION B. TOBACCO

Positions SAS name	Counts	Item description and code		Notes
4521		Do you smoke cigarettes now?		
MYPB5	93	1	Yes	
	28	2	No (MYPB12)	
	162	8	Blank but applicable	
	31028	Blank		
4522-4523		About how many cigarettes do you smoke per day?		See note
MYPB6R				
	89	01-30		
	4	77	Less than 1 cigarette per day	
	162	88	Blank but applicable	
	31056	Blank		
4524-4525		For approximately how many years have you smoked this amount?		See note
MYPB7R				
	35	01		
	21	02		
	10	03		
	4	04		
	2	05		
	1	06		
	20	77	Less than one year	
	162	88	Blank but applicable	
	31056	Blank		
4526		Was there ever a period of a year or more when you smoked more than (NUMBER IN MYPB6R) cigarettes per day?		
MYPB8				
	35	1	Yes	
	58	2	No (MYPB10)	
	162	8	Blank but applicable	
	31056	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION B. TOBACCO

Positions SAS name	Counts	Item description and code		Notes
4527-4528 MYPB9S		During the period when you were smoking the most, about how many cigarettes per day did you usually smoke?		See note
	7	05		
	1	06		
	1	07		
	3	10		
	1	12		
	2	15		
	11	20		
	1	25		
	4	30		
	3	40		
	1	45		
	162	88	Blank but applicable	
	31114	Blank		
4529 MYPB10		Have you ever quit smoking for a period of one year or longer?		
	10	1	Yes	
	83	2	No	
	162	8	Blank but applicable	
	31056	Blank		
4530-4532 MYPB11		How many cigarettes have you smoked in the past 5 days?		
	508	000	None (MYPB15)	
	181	001-160	(MYPB15)	
	170	888	Blank but applicable	
	30452	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION B. TOBACCO

Positions SAS name	Counts	Item description and code	Notes
4533-4534 MYPB12		About how old were you when you last smoked cigarettes (fairly regularly)? PROBE: How old were you when you quit smoking cigarettes?	
	1	10	
	3	11	
	2	12	
	4	13	
	7	14	
	8	15	
	2	16	
	1	17	
	31283	Blank	
4535-4537 MYPB13S		About how many cigarettes per day did you usually smoke?	See note
	1	001	
	2	002	
	3	003	
	3	004	
	2	005	
	1	006	
	1	007	
	3	010	
	2	015	
	5	020	
	1	024	
	1	100	
	3	777 Less than one cigarette	
	31283	Blank	
4538 MYPB14		Did you quit smoking because you had a health problem that was caused or made worse by smoking?	
	4	1 Yes	
	24	2 No	
	31283	Blank	

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION B. TOBACCO

Positions SAS name	Counts	Item description and code		Notes
4539 MYPB15		Have you ever tried chewing tobacco or snuff?		
	246	1	Yes	
	3872	2	No (MYPB27A)	
	163	8	Blank but applicable	
	27030	Blank		
4540-4541 MYPB16		At what age did you first try chewing tobacco or snuff? (IF USED BOTH, ENTER EARLIEST AGE)		
	245	02-16		
	163	88	Blank but applicable	
	1	99	Don't know	
	30902	Blank		
4542 MYPB17		Have you ever used 5 or more containers in your entire life? (IF USED BOTH, COUNT TOTAL NUMBER)		
	19	1	Yes	
	227	2	No (MYPB27A)	
	163	8	Blank but applicable	
	30902	Blank		
4543-4544 MYPB18		At what age did you first start using chewing tobacco or snuff fairly regularly? (IF USED BOTH, ENTER EARLIEST AGE)		
	4	00	Never used regularly	
	1	06		
	1	08		
	1	09		
	1	10		
	3	11		
	3	12		
	1	13		
	2	14		
	2	15		
	163	88	Blank but applicable	
	31129	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION B. TOBACCO

Positions SAS name	Counts	Item description and code		Notes
4545 MYPB19		Do you use chewing tobacco or snuff now?		
	15	1	Yes	
	4	2	No (MYPB24)	
	163	8	Blank but applicable	
	31129	Blank		
4546 MYPB20		Which - chewing tobacco or snuff?		
	3	1	Chewing tobacco	
	11	2	Snuff	
	1	3	Both chewing tobacco and snuff	
	163	8	Blank but applicable	
	31133	Blank		
4547-4548 MYPB21AS		How many containers of chewing tobacco do you use per week?		See note
	1	01		
	1	02		
	1	03		
	1	07		
	163	88	Blank but applicable	
	31144	Blank		
4549-4550 MYPB21CS		How many containers of snuff do you use per week?		See note
	3	01		
	3	02		
	2	03		
	2	05		
	1	07		
	163	88	Blank but applicable	
	1	99	Don't know	
	31136	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION B. TOBACCO

Positions SAS name	Counts	Item description and code	Notes
		Where in your mouth do you usually place the (chewing tobacco/snuff?) (IF BOTH USED, INDICATE MOST COMMON SPOT WHERE TOBACCO WAS PLACED)	
4551 MYPB22A		a. in the right side, left side, or front of your mouth.	
	3	1 Right	
	10	2 Left	
	2	3 Front	
	163	8 Blank but applicable	
	31133	Blank	
4552 MYPB22B		b. in the top or bottom of your mouth?	
	15	2 Bottom	
	163	8 Blank but applicable	
	31133	Blank	
4553 MYPB23		How many containers of chewing tobacco or snuff have you used in the past 5 days?	
		(IF BOTH USED, ENTER TOTAL NUMBER)	
	16	0-5 (MYPB27A)	
	162	8 Blank but applicable	
	31133	Blank	
4554-4555 MYPB24		About how old were you when you last used chewing tobacco or snuff (fairly regularly)? (IF BOTH USED, RECORD OLDEST AGE)	
	1	05	
	1	12	
	1	13	
	1	15	
	31307	Blank	

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION B. TOBACCO

Positions SAS name	Counts	Item description and code		Notes
4556		Which did you use - chewing		
MYPB25		tobacco or snuff?		
	1	1	Chewing tobacco	
	3	2	Snuff	
	31307	Blank		
4557		Did you quit using (chewing		
MYPB26		tobacco/snuff) because you had a health problem that was caused or made worse by using (it/them)?		
	4	2	No	
	31307	Blank		
4558		How many pipes have you smoked		
MYPB27A		in the past 5 days?		
	4119	0	None	
	1	1		
	161	8	Blank but applicable	
	27030	Blank		
4559-4560		How many cigars have you smoked		
MYPB27B		in the past 5 days?		
	4104	00	None	
	9	01		
	2	02		
	3	03		
	1	08		
	1	15		
	161	88	Blank but applicable	
	27030	Blank		
4561		CHECK ITEM. REFER TO AGE OF SP.		
MYPB28	2202	1	Under 12 years (MYPC1A)	
	2079	2	12 or more years	
	27030	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION B. TOBACCO

Positions SAS name	Counts	Item description and code		Notes
4562-4563 MYPB29		How many pieces of nicotine gum have you chewed in the past 5 days? (Nicotine gum is a sugar-free flavored chewing gum prescribed by a doctor to help people stop smoking or chewing tobacco.)		
	1991	00	None	
	2	01		
	1	02		
	1	09		
	83	88	Blank but applicable	
	1	99	Don't know	
	29232	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION C. REPRODUCTIVE HEALTH

Positions SAS name	Counts		Item description and code	Notes
4564 MYPC1A			CHECK ITEM. REFER TO AGE AND SEX OF SP.	
	527	1	Female less than 10 years (MYPH1)	
	1653	2	Female 10 or more years	
	1125	3	Male less than 12 years (MYPH1)	
	593	4	Male 12-14 years (MYPD1)	
	383	5	Male 15-16 years (MYPC27R)	
	27030		Blank	
4565-4566 MYPC2			How old were you when your periods or menstrual cycles started?	
	564	00	Haven't started yet (MYPC26)	
	4	08		
	35	09		
	110	10		
	288	11		
	329	12		
	179	13		
	57	14		
	13	15		
	1	16		
	71	88	Blank but applicable	
	2	99	Don't know	
	29658		Blank	
4567-4568 MYPC3			About how long ago was your last period?	
	117	01	Having it now	
	853	02	Less than 2 months ago	
	15	03	2-3 months ago	
	15	04	4-6 months ago	
	8	05	7-9 months ago	
	5	06	10-12 months ago	
	1	07	More than 12 months ago	
	71	88	Blank but applicable	
	4	99	Don't know	
	30222		Blank	

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION C. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
4569		CHECK ITEM. REFER TO AGE OF SP.	
MYPC4		MARK FIRST APPLICABLE BOX.	
	109	1 Female less than 12 years (MYPH1)	
	980	2 Female 12 or more years	
	30222	Blank	
4570		Have you ever taken birth control	
MYPC5		pills for any reason?	
	95	1 Yes	
	837	2 No (MYPC10)	
	48	8 Blank but applicable	
	30331	Blank	
4571-4572		How old were you when you began	
MYPC6		taking birth control pills?	
	3	12	
	14	13	
	29	14	
	26	15	
	23	16	
	48	88 Blank but applicable	
	31168	Blank	
4573-4574		How many months ago did you stop taking	See note
MYPC7S		birth control pills or are you still taking them?	
	43	00 Still taking	
	47	02-48	
	5	77 Less than one month	
	48	88 Blank but applicable	
	31168	Blank	
4575-4576		Not counting any time when you stopped	See note
MYPC8S		taking them, for how many months altogether (have you taken/did you take) birth control pills?	
	88	01-36	
	7	77 Less than one month	
	48	88 Blank but applicable	
	31168	Blank	

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION C. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
4577-4579 MYPC9R		If more than one year ago in MYPC7S, go to MYPC10. Otherwise show oral contraceptives chart and ask: Please look at this chart and show me the brand of pills you (are/were) using.	See note
	85	103-216	
	48	888 Blank but applicable	
	6	999 Don't know	
	31172	Blank	
4580 MYPC10		Have you ever been pregnant? Please include miscarriages, stillbirths, tubal pregnancies, abortions, live births, and current pregnancy.	
	61	1 Yes	
	871	2 No (MYPC26)	
	48	8 Blank but applicable	
	30331	Blank	
4581 MYPC11		How many times have you been pregnant? Again, be sure to count all your pregnancies, whether they ended in miscarriage, stillbirth, tubal pregnancy, abortion, or live birth. (Include current pregnancy.)	
	53	1	
	6	2	
	2	3	
	48	8 Blank but applicable	
	31202	Blank	

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION C. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code		Notes
4582 MYPC12		What is the total number of live births (live-born children) you have had?		
	33	0	None (MYPC17)	
	24	1	(MYPC14)	
	3	2		
	1	3		
	48	8	Blank but applicable	
	31202	Blank		
4583-4584 MYPC13R		How old were you at the time of your first live birth?		See note
	1	12		
	2	13		
	6	14		
	10	15		
	9	16		
	48	88	Blank but applicable	
	31235	Blank		
4585-4586 MYPC14		How old were you at the time of your last live birth?		
	1	12		
	1	13		
	5	14		
	10	15		
	11	16		
	48	88	Blank but applicable	
	31235	Blank		
4587 MYPC15		Did you breastfeed (your child/any of your children)?		
	7	1	Yes	
	21	2	No (MYPC17)	
	48	8	Blank but applicable	
	31235	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION C. REPRODUCTIVE HEALTH

Positions SAS name	Counts		Item description and code	Notes
4588 MYPC16			(Did you breastfeed your child/how many of your children did you breastfeed) for at least one month?	
	1	0	No children	
	5	1		
	1	3		
	48	8	Blank but applicable	
	31256		Blank	
4589 MYPC17			MARK BOX IF KNOWN. Are you now pregnant?	
	16	1	Yes	
	45	2	No (MYPC19)	
	48	8	Blank but applicable	
	31202		Blank	
4590-4591 MYPC18			Which month of pregnancy are you in?	
	2	02		
	4	04		
	1	05		
	2	06		
	4	07		
	2	08		
	1	09		
	48	88	Blank but applicable	
	31247		Blank	
4592 MYPC19			MARK IF KNOWN, OTHERWISE, ASK: (Besides this pregnancy) have you been pregnant in the past 2 years?	
	14	1	No - current pregnancy only (MYPC21)	
	41	2	Yes - excluding current pregnancy	
	6	3	No - not pregnant in last 2 years (MYPC24)	
	48	8	Blank but applicable	
	31202		Blank	

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION C. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code		Notes
4593		How many months ago did your		
MYPC20		(last) pregnancy end?		
	15	1	Less than 4 months ago	
	12	2	4 to less than 7 months ago	
	6	3	7 to less than 10 months ago	
	3	4	10-12 months ago	
	5	5	13-24 months ago	
	31270	Blank		
4594		Did you receive benefits from		
MYPC21		WIC, that is, the Women, Infants, and Children program, in the past 12 months?		
	23	1	Yes	
	26	2	No (MYPC24)	
	6	8	Blank but applicable	
	31256	Blank		
4595		Are you now receiving benefits		
MYPC22		from the WIC program?		
	18	1	Yes	
	5	2	No	
	31288	Blank		
4596-4597		How many months (did you receive\		See note
MYPC23S		have you been receiving) benefits from the WIC program?		
	4	01		
	2	03		
	3	04		
	2	05		
	1	06		
	1	07		
	3	09		
	1	10		
	3	12		
	1	13		
	1	14		
	1	99	Don't know	
	31288	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION C. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code		Notes
4598		CHECK ITEM. REFER TO MYPC12.		
MYPC24	33	1	No live births in MYPC12 (MYPC26)	
	76	2	One or more live births in MYPC12	
	31202	Blank		
4599		Are you now breastfeeding a child?		
MYPC25	3	1	Yes	
	25	2	No	
	48	8	Blank but applicable	
	31235	Blank		
4600		CHECK ITEM. REFER TO AGE OF SP AND TO MYPC10.		
MYPC26	1122	1	Female 10 -14 (MYPD1)	
	52	2	15-16 years and "Y" in MYPC10 (MYPC28)	
	370	3	15-16 years and "N" or "other" in MYPC10	
	29767	Blank		
		In order to get a more complete picture of the health of the population, we are asking about sexual experience. As I mentioned, your answsers are completely confidential.		
4601		Have you ever had sexual intercourse?		See note
MYPC27R	392	1	Yes	
	387	2	No	
	35	8	Blank but applicable	
	30497	Blank		
4602-4603		At what age did you first have sexual intercourse?		See note
MYPC28	383	04-17		
	35	88	Blank but applicable	
	30893	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION D. SELECTED CONDITIONS/VITAMIN, MINERAL, AND MEDICINE USAGE

Positions SAS name	Counts	Item description and code		Notes
4604 MYPD1		Are you now or in the past 3 months have you been on treatment for anemia, sometimes called "tired blood" or "low blood"? (Include diet, iron pills, iron shots, transfusions as treatment.)		
	22	1	Yes	
	1972	2	No	
	74	8	Blank but applicable	
	11	9	Don't know	
	29232		Blank	
4605-4606 MYPD2		How many colds, flu, diarrhea, vomiting, pneumonia, and ear infections have you had in the past 4 weeks?		
	1204	00	None	
	610	01		
	126	02		
	29	03		
	19	04		
	8	05		
	2	06		
	3	07		
	3	10		
	1	16		
	74	88	Blank but applicable	
	29232		Blank	
4607 MYPD3		Have you taken or used any antihistamine medicines in the past two days? (Antihistamines are medicines taken for symptoms like sneezing, and a runny or itchy nose.)		
	119	1	Yes	
	1882	2	No	
	74	8	Blank but applicable	
	4	9	Don't know	
	29232		Blank	

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION D. SELECTED CONDITIONS/VITAMIN, MINERAL, AND MEDICINE USAGE

Positions SAS name	Counts	Item description and code		Notes
4608 MYPD4		Prescription medicines are medicines that cannot be obtained without a doctor's or dentist's prescription. Have you taken any prescription medicines during the past 24 hours?		
	168	1	Yes	
	1837	2	No	
	74	8	Blank but applicable	
	29232	Blank		
4609 MYPD5		Have you taken any vitamins or minerals during the past 24 hours?		
	191	1	Yes	
	1813	2	No	
	74	8	Blank but applicable	
	1	9	Don't know	
	29232	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION E. DIET

Positions SAS name	Counts	Item description and code		Notes
4610 MYPE1		How often do you eat breakfast - every day, on some days, rarely, never, or on weekends only?		
	761	1	Every day	
	684	2	Some days	
	264	3	Rarely	
	51	4	Never	
	243	5	Weekends only	
	76	8	Blank but applicable	
	29232	Blank		
4611 MYPE2		Do you consider yourself to be overweight, underweight, or about the right weight?		
	609	1	Overweight	
	270	2	Underweight	
	1118	3	About the right weight	
	79	8	Blank but applicable	
	3	9	Don't know	
	29232	Blank		
4612 MYPE3		Would you like to weigh more, less, or stay about the same?		
	438	1	More	
	877	2	Less	
	683	3	Stay about the same	
	79	8	Blank but applicable	
	2	9	Don't know	
	29232	Blank		
4613 MYPE4		During the past 12 months have you tried to lose weight?		
	629	1	Yes	
	1370	2	No (MYPE6)	
	79	8	Blank but applicable	
	1	9	Don't know	
	29232	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION E. DIET

Positions SAS name	Counts	Item description and code		Notes
	4614	Are you currently trying to lose weight?		
MYPE5	392	1	Yes	
	237	2	No	
	79	8	Blank but applicable	
	1	9	Don't know	
	30602	Blank		
	4615	During the past 12 months have you changed what you eat or drink for any medical reason or health condition?		
MYPE6	114	1	Yes	
	1883	2	No (MYPF1)	
	79	8	Blank but applicable	
	3	9	Don't know (MYPF1)	
	29232	Blank		
		What was the medical reason or health condition?		
	4616	Overweight/obesity		
MYPE7A	39	1	Yes	
	72	2	No	
	79	8	Blank but applicable	
	3	9	Don't know	
	31118	Blank		
	4617	High blood pressure/hypertension		
MYPE7B	111	2	No	
	79	8	Blank but applicable	
	3	9	Don't know	
	31118	Blank		
	4618	High blood cholesterol		
MYPE7C	4	1	Yes	
	107	2	No	
	79	8	Blank but applicable	
	3	9	Don't know	
	31118	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION E. DIET

Positions SAS name	Counts	Item description and code		Notes
	4619	Heart disease		
MYPE7D	111	2	No	
	79	8	Blank but applicable	
	3	9	Don't know	
	31118	Blank		
	4620	Diabetes		
MYPE7E	3	1	Yes	
	108	2	No	
	79	8	Blank but applicable	
	3	9	Don't know	
	31118	Blank		
	4621	Allergies		
MYPE7F	10	1	Yes	
	101	2	No	
	79	8	Blank but applicable	
	3	9	Don't know	
	31118	Blank		
	4622	Ulcer		
MYPE7G	111	2	No	
	79	8	Blank but applicable	
	3	9	Don't know	
	31118	Blank		
	4623	Cancer		
MYPE7H	111	2	No	
	79	8	Blank but applicable	
	3	9	Don't know	
	31118	Blank		
	4624	Pregnancy		
MYPE7I	6	1	Yes	
	105	2	No	
	79	8	Blank but applicable	
	3	9	Don't know	
	31118	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION E. DIET

Positions SAS name	Counts	Item description and code		Notes
4625		Health in general		
MYPE7J	24	1	Yes	
	87	2	No	
	79	8	Blank but applicable	
	3	9	Don't know	
	31118	Blank		
4626		Other		
MYPE7K	31	1	Yes	
	80	2	No	
	79	8	Blank but applicable	
	3	9	Don't know	
	31118	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION F. ALCOHOL/DRUG USE

Positions SAS name	Counts	Item description and code		Notes
		The next questions are about drinking alcoholic beverages. Alcoholic beverages include beer, ale, wine, wine coolers, liquor such as whiskey, gin, rum, or vodka, and cocktails and mixed drinks containing liquor.		
4627 MYPF1		In your entire life, have you had at least 12 drinks of any kind of alcoholic beverage? Do not count small tastes.		
	480	1	Yes	
	1522	2	No (MYPF7)	
	77	8	Blank but applicable	
	29232	Blank		
4628 MYPF2		In the past 12 months did you have at least 12 drinks of any kind of alcoholic beverage?		
	217	1	Yes	
	263	2	No (MYPF7)	
	77	8	Blank but applicable	
	30754	Blank		
4629-4631 MYPF3S		In the past 12 months, on the average, how many days did you drink any alcoholic beverages?		See note
	206	002-364		
	86	888	Blank but applicable	
	2	999	Don't know	
	31017	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION F. ALCOHOL/DRUG USE

Positions SAS name	Counts	Item description and code	Notes
4632-4633 MYPF4		On the average, on the days that you drank alcohol, how many drinks did you have a day? (By a drink, I mean a 12-oz beer, a 4-oz glass of wine, or an ounce of liquor.)	
	216	01-30	
	77	88 Blank but applicable	
	1	99 Don't know	
	31017	Blank	
4634-4636 MYPF5S		In the past 12 months, how many days of the year did you have 9 or more drinks on a single day?	See note
	142	000 None	
	75	001-156	
	77	888 Blank but applicable	
	31017	Blank	
4637-4639 MYPF6S		In the past 12 months, how many days of the year did you have 5 or more drinks on a single day?	See note
	82	000 None	
	129	001-260	
	80	888 Blank but applicable	
	3	999 Don't know	
	31017	Blank	
4640 MYPF7		Have you ever used marijuana?	
	220	1 Yes	
	1782	2 No (MYPF10)	
	77	8 Blank but applicable	
	29232	Blank	

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION F. ALCOHOL/DRUG USE

Positions SAS name	Counts	Item description and code		Notes
4641 MYPF8		About how many times in your lifetime have you used marijuana?		
	88	1	1 or 2 times	
	68	2	3 to 10 times	
	47	3	11 to 99 times	
	16	4	100 or more times	
	77	8	Blank but applicable	
	1	9	Don't know	
	31014	Blank		
4642-4643 MYPF9		During the past month, on how many days did you use marijuana?		
	134	00	None in past month	
	86	01-30		
	77	88	Blank but applicable	
	31014	Blank		
4644 MYPF10		Have you ever used crack or cocaine in any form?		
	16	1	Yes	
	1986	2	No (MYPEXMNR)	
	77	8	Blank but applicable	
	29232	Blank		
4645 MYPF11		About how many times in your lifetime have you used crack or cocaine (in any form)?		
	8	1	1 or 2 times	
	4	2	3 to 10 times	
	3	3	11 to 99 times	
	1	4	100 or more times	
	77	8	Blank but applicable	
	31218	Blank		

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MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION F. ALCOHOL/DRUG USE

Positions SAS name	Counts	Item description and code		Notes
4646 MYPF12		During the past month, on how many days did you use crack or cocaine (in any form)?		
	11	0	None in past month	
	3	1		
	1	2		
	1	3		
	77	8	Blank but applicable	
	31218	Blank		

MEC YOUTH QUESTIONNAIRE (EXCEPT DIS)

SECTION H. RESPONDENT

Positions SAS name	Counts	Item description and code	Notes
4647		CHECK ITEM. MARK ONE BOX.	
MYPH1		MARK MAIN RESPONDENT. SPECIFY RELATIONSHIP OF RESPONDENT TO SAMPLE PERSON IF OTHER THAN SAMPLE PERSON.	
	4113	1 Sample person (MYPEXMNR)	
	8	2 Mother	
	1	4 Sister or brother	
	159	8 Blank but applicable	
	27030	Blank	
4648		IF OTHER THAN SAMPLE PERSON. EXPLAIN	
MYPH2		REASON FOR ACCEPTING PROXY RESPONDENT.	
	8	2 Mental impairment	
	1	4 Other reason	
	31302	Blank	
4649		WAS SAMPLE PERSON PRESENT DURING ANY	
MYPH3		PART OF THE INTERVIEW?	
	4	1 Yes	
	5	2 No	
	159	8 Blank but applicable	
	31143	Blank	
4650-4653		Interviewer number	
MYPEXMNR	301	4001	
	310	4002	
	316	4003	
	696	4004	
	1445	4005	
	1098	4006	
	103	7002	
	7	7007	
	5	7073	
	27030	Blank	

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NOTES

MYPB6R: Number of cigarettes smoked per day

This variable was created from the question B6. The actual number of cigarettes smoked per day and a range of cigarettes smoked per day were the allowable answers. The variable includes the mean number of cigarettes smoked per day derived from the range as well as the actual number of cigarettes smoked per day.

MYPB7R: Years smoked this amount in MYPB6R

This variable was created from the question B7 when the data were not missing. If B7 was missing, this variable used the estimated number of years the respondent smoked the amount reported in B6. The number was derived by subtracting the age that the respondent started smoking regularly from the age at the MEC interview.

MYPB9S: Number of cigarettes per day when smoked the most

This variable was created from the two-part question (quantity and unit) B9 using the conversion factor 20 cigarettes/pack.

MYPB13S: Number of cigarettes per day usually smoked when youth smoked regularly

This variable was created from the two-part question (quantity and unit) B13 using the conversion factor 20 cigarettes/pack.

MYPB21AS: Number of containers of chewing tobacco used per week

This variable was created from the two-part question (quantity and unit) B21 using the conversion factor seven containers/week.

MYPB21CS: Number of containers of snuff used per week

This variable was created from the two-part question (quantity and unit) B21 using the conversion factor seven containers/week.

MYPC7S: Months since stopped taking birth control pills

This variable was created from the two-part question (quantity and unit) C7 using the conversion factor 12 months/year.

MYPC8S: Total number of months took birth control pills

This variable was created from the two-part question (quantity

and unit) C8 using the conversion factor 12 months/year.

MYPC9R: Birth control pills codes

This recode was derived to include a listing of all birth control pills that were specified in question C9. It includes both birth control pills with original codes from the chart that the respondents were shown as well as those that were not included on the chart but that were specified by the respondents. See the Appendix in the MEC Adult Questionnaire for the code listing.

MYPC13R: Age at time of first live birth

Question C13 (age at time of first live birth) was only asked of women who had more than one live birth. To prevent redundant questions, women who had one live birth were only asked question C14, "Age at the time of the last live birth." This variable, MYPC13R, was created to include responses for women who had only one live birth and women who had multiple births. For women who had only one live birth, their responses to question C14 were coded into MYPC13R. For women who had multiple births, their responses to question C13 were coded into MYPC13R.

MYPC23S: Number of months received WIC benefits

This variable was created from the two-part question (quantity and unit) C23 using the conversion factor 12 months/year.

MYPC27R: Ever had sexual intercourse

This variable was derived from questions C10 and C27. Respondents who reported a pregnancy (question C10) were not asked whether they had ever had sexual intercourse (question C27) as the response was implicit. Therefore, MYPC27R was coded as "Yes" for respondents who reported a pregnancy in C10 and coded as the response in C27 for all other respondents.

MYPC28: Age at first sexual intercourse

The question did not ask about first consensual sexual experience. Therefore, responses of first intercourse at very young ages were retained after reviewing comments made during the interview (e.g., reports of rape or incest).

MYPF3S: Number of days drank alcohol in past year

This variable was created from the two-part question (quantity and unit) F3 using the conversion factors 7 days/week, 30.4 days/month, and 365 days/year.

MYPF5S: Number of days drank nine or more drinks of alcohol in past year

This variable was created from the two-part question (quantity and unit) F5 using the conversion factors 7 days/week, 30.4 days/month, and 365 days/year.

MYPF6S: Number of days drank five or more drinks of alcohol in past year

This variable was created from the two-part question (quantity and unit) F6 using the conversion factors 7 days/week, 30.4 days/month, and 365 days/year.

DIETARY FOOD FREQUENCY QUESTIONNAIRE (AGES 12-16 YEARS)

The Dietary Food Frequency questionnaire was administered to youths aged 12-16 years in the mobile examination center (MEC). Respondents were asked how often over the past month they had eaten specified food items. The foods were listed in groups, targeting those high in vitamins A and C and calcium. Respondents reported their consumption as the number of times per day, per week, per month, or never. It is important to note that portion sizes were not defined, and responses represent "number or times" as determined by the respondent.

The questionnaire was identical to the food frequency section of the Household Adult Questionnaire administered to adults aged 17 years and above (see Adult Household Data File). MEC examination weights (WTPFEX6) should be used for analysis of the youth Dietary Food Frequency (Ages 12-16 years). The interview weights (WTPFQX6), however, should be used when analyzing the adult food frequency data. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Data processing and editing were performed for consistency of responses within the sections of the questionnaire. As part of the editing process, the frequency of consumption of food items was standardized to the number of times consumed per month. Notes have been provided for variables that were standardized or recoded or that require additional comments.

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

MILK AND MILK PRODUCTS

Positions SAS name	Counts	Item description and code	Notes
4654-4656 FFP1AS		How often (per month) did you have chocolate milk and hot cocoa?	See note
	769	000 Never	
	1214	001-194	
	95	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	
4657-4659 FFP1BS		How often (per month) did you have milk to drink or on cereal? Do not count small amounts of milk added to coffee or tea.	See note
	130	000 Never	
	1853	001-304	
	94	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4660-4661 FFP1D1		What type of milk was it? Was it usually whole, 2%, 1%, skim, nonfat, or some other type?	See note
	931	01 Whole/regular	
	605	02 2%/low fat	
	67	03 1%	
	159	04 Skim/nonfat	
	1	05 Buttermilk	
	1	06 Evaporated	
	100	88 Blank but applicable	
	150	99 Don't know	
	29297	Blank	
4662-4664 FFP1ES		Yogurt and frozen yogurt? (per month)	See note
	1415	000 Never	
	569	001-091	
	94	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

MILK AND MILK PRODUCTS

Positions SAS name	Counts	Item description and code	Notes
4665-4667 FFP1FS		Ice cream, ice milk, and milkshakes? (per month)	See note
	361	000 Never	
	1617	001-304	
	98	888 Blank but applicable	
	3	999 Don't know	
	29232	Blank	
4668-4670 FFP1GS		Cheese, all types including American, Swiss, cheddar, and cottage cheese? (per month)	See note
	229	000 Never	
	1748	001-213	
	96	888 Blank but applicable	
	6	999 Don't know	
	29232	Blank	
4671-4673 FFP1HS		Pizza, calzone, and lasagna? (per month)	See note
	279	000 Never	
	1700	001-065	
	98	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4674-4676 FFP1IS		Cheese dishes such as macaroni and cheese, cheese nachos, cheese enchiladas, and quesadillas? (per month)	See note
	422	000 Never	
	1556	001-091	
	98	888 Blank but applicable	
	3	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

MAIN DISHES, MEAT, FISH, CHICKEN, AND EGGS

Positions SAS name	Counts	Item description and code	Notes
4677-4679 FFP2AS		How often (per month) did you eat any type of stew or soup containing vegetables, including minestrone, tomato, and split pea?	See note
	691	000 Never	
	1279	001-274	
	98	888 Blank but applicable	
	11	999 Don't know	
	29232	Blank	
4680-4682 FFP2BS		Spaghetti and pasta with tomato sauce? (per month)	See note
	481	000 Never	
	1499	001-061	
	98	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	
4683-4685 FFP2CS		Bacon, sausage (chorizo) and luncheon meats such as hot dogs, salami, and bologna? (per month)	See note
	155	000 Never	
	1824	001-152	
	98	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4686-4688 FFP2DS		Liver and other organ meats such as heart, kidney, tongue, and tripe (menudo)? (per month)	See note
	1596	000 Never	
	380	001-061	
	98	888 Blank but applicable	
	5	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

MAIN DISHES, MEAT, FISH, CHICKEN, AND EGGS

Positions SAS name	Counts	Item description and code	Notes
4689-4691 FFP2ES		Beef, including hamburger, steaks, roast beef, and meatloaf? (per month)	See note
	63	000 Never	
	1917	001-152	
	98	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	
4692-4694 FFP2FS		Pork and ham, including roast pork, pork chops, and spare ribs? (per month)	See note
	434	000 Never	
	1544	001-122	
	99	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4695-4696 FFP2GS		Shrimp, clams, oysters, crab, and lobster? (per month)	See note
	1259	00 Never	
	722	01-30	
	98	88 Blank but applicable	
	29232	Blank	
4697-4699 FFP2HS		Fish including fillets, fish sticks, fish sandwiches, and tuna fish? (per month)	See note
	610	000 Never	
	1368	001-122	
	98	888 Blank but applicable	
	3	999 Don't know	
	29232	Blank	
4700-4702 FFP2IS		Chicken, all types, including baked, fried, chicken nuggets, and chicken salad? Include turkey. (per month)	See note
	125	000 Never	
	1855	001-152	
	98	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

MAIN DISHES, MEAT, FISH, CHICKEN, AND EGGS

Positions SAS name	Counts	Item description and code	Notes
4703-4705 FFP2JS		How often (per month) did you have eggs including scrambled, fried, omelettes, hard-boiled eggs, and egg salad?	See note
	424	000 Never	
	1556	001-091	
	98	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

FRUIT AND FRUIT JUICES

Positions SAS name	Counts	Item description and code	Notes
4706-4708 FFP3AS		How often (per month) did you have orange juice, grapefruit juice and tangerine juice?	See note
	269	000 Never	
	1711	001-274	
	98	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	
4709-4711 FFP3BS		Other fruit juices such as grape juice, apple juice, cranberry juice, and fruit nectars? (per month)	See note
	724	000 Never	
	1254	001-243	
	98	888 Blank but applicable	
	3	999 Don't know	
	29232	Blank	
4712-4714 FFP3CS		Citrus fruits including oranges, grapefruits, and tangerines? (per month)	See note
	563	000 Never	
	1415	001-152	
	99	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4715-4717 FFP3DS		Melons including cantaloupe, honeydew, and watermelon? (per month)	See note
	1144	000 Never	
	835	001-274	
	99	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

FRUIT AND FRUIT JUICES

Positions SAS name	Counts	Item description and code	Notes
4718-4720 FFP3ES		Peaches, nectarines, apricots, guava, mango, and papaya? (per month)	See note
	1132	000 Never	
	846	001-122	
	99	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4721-4723 FFP3FS		How often (per month) did you have any other fruits such as apples, bananas, pears, berries, cherries, grapes, plums, and strawberries? (Include plantains.)	See note
	193	000 Never	
	1786	001-182	
	99	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

VEGETABLES

Positions SAS name	Counts	Item description and code	Notes
4724-4726 FFP4AS		How often (per month) did you have carrots and vegetable mixtures containing carrots?	See note
	791	000 Never	
	1181	001-091	
	100	888 Blank but applicable	
	7	999 Don't know	
	29232	Blank	
4727-4729 FFP4BS		Broccoli? (per month)	See note
	1098	000 Never	
	877	001-122	
	99	888 Blank but applicable	
	5	999 Don't know	
	29232	Blank	
4730-4732 FFP4CS		Brussels sprouts and cauliflower? (per month)	See note
	1583	000 Never	
	395	001-122	
	99	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4733-4735 FFP4DS		White potatoes, including baked, mashed, boiled, french-fries, and potato salad? (per month)	See note
	65	000 Never	
	1914	001-061	
	99	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

VEGETABLES

Positions SAS name	Counts	Item description and code	Notes
4736-4737 FFP4ES		Sweet potatoes, yams, and orange squash including acorn, butternut, hubbard, and pumpkin? (per month)	See note
	1374	00 Never	
	604	01-30	
	99	88 Blank but applicable	
	2	99 Don't know	
	29232	Blank	
4738-4740 FFP4FS		Tomatoes including fresh and stewed tomatoes, tomato juice, and salsa? (per month)	See note
	688	000 Never	
	1290	001-091	
	99	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4741-4743 FFP4GS		Spinach, greens, collards, and kale? (per month)	See note
	1249	000 Never	
	729	001-086	
	99	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4744-4746 FFP4HS	649	Tossed salad? (per month) 000 Never	See note
	1329	001-152	
	99	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

VEGETABLES

Positions SAS name	Counts	Item description and code	Notes
4747-4749 FFP4IS		Cabbage, cole slaw, and sauerkraut? (per month)	See note
	1286	000 Never	
	692	001-108	
	99	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4750-4752 FFP4JS		Hot red chili peppers. Do not count ground red chili peppers? (per month)	See note
	1646	000 Never	
	330	001-152	
	99	888 Blank but applicable	
	4	999 Don't know	
	29232	Blank	
4753-4755 FFP4KS		Peppers including green, red, and yellow peppers? (per month)	See note
	1310	000 Never	
	668	001-122	
	99	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4756-4758 FFP4LS		Any other vegetables such as green beans, corn, peas, mushrooms, and zucchini? (per month)	See note
	464	000 Never	
	1515	001-152	
	99	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

BEANS, NUTS, AND GRAIN PRODUCTS

Positions SAS name	Counts	Item description and code	Notes
4759-4761 FFP5AS		How often (per month) did you have beans, lentils, and (chickpeas/ garbanzos)? Include kidney, pinto, refried, black, and baked beans.	See note
	550	000 Never	
	1428	001-318	
	100	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	
4762-4764 FFP5BS		Peanuts, peanut butter, other types of nuts, and seeds? (per month)	See note
	537	000 Never	
	1437	001-243	
	100	888 Blank but applicable	
	5	999 Don't know	
	29232	Blank	
4765-4767 FFP5CS		How about All-Bran, All-Bran Extra Fiber, 100% Bran, and Fiber One? (per month)	See note
	1529	000 Never	
	435	001-061	
	100	888 Blank but applicable	
	15	999 Don't know	
	29232	Blank	
4768-4770 FFP5DS		Total, Product 19, Most, and Just Right? (per month)	See note
	1567	000 Never	
	396	001-122	
	100	888 Blank but applicable	
	16	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

BEANS, NUTS, AND GRAIN PRODUCTS

Positions SAS name	Counts	Item description and code	Notes
4771-4773 FFP5ES		All other cold cereals like corn flakes, Cheerios, Rice Krispies, and presweetened cereals? (per month)	See note
	261	000 Never	
	1712	001-122	
	100	888 Blank but applicable	
	6	999 Don't know	
	29232	Blank	
4774-4776 FFP5FS		Cooked, hot cereals like oatmeal, cream of wheat, cream of rice, and grits? (per month)	See note
	1134	000 Never	
	844	001-213	
	100	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	
4777-4779 FFP5GS		How often (per month)did you have white bread, rolls, bagels, biscuits, English muffins, and crackers? Include those used for sandwiches.	See note
	51	000 Never	
	1927	001-334	
	101	888 Blank but applicable	
	29232	Blank	
4780-4782 FFP5HS		Dark breads and rolls, including whole wheat, rye, and pumpernickel? (per month)	See note
	1173	000 Never	
	802	001-122	
	100	888 Blank but applicable	
	4	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

BEANS, NUTS, AND GRAIN PRODUCTS

Positions SAS name	Counts	Item description and code	Notes
4783-4785 FFP5IS		Corn bread, corn muffins, and corn tortillas? (per month)	See note
	643	000 Never	
	1334	001-152	
	100	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	
4786-4788 FFP5JS		Flour tortillas? (per month)	See note
	1112	000 Never	
	864	001-152	
	100	888 Blank but applicable	
	3	999 Don't know	
	29232	Blank	
4789-4791 FFP5KS		Rice? (per month)	See note
	441	000 Never	
	1535	001-304	
	100	888 Blank but applicable	
	3	999 Don't know	
	29232	Blank	
4792-4794 FFP5LS		Salted snacks such as potato chips, taco chips, corn chips, and salted pretzels and popcorn? (per month)	See note
	159	000 Never	
	1818	001-152	
	100	888 Blank but applicable	
	2	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

DESSERTS, SWEETS, AND BEVERAGES

Positions SAS name	Counts	Item description and code	Notes
4795-4797 FFP6AS		How often (per month) did you have cakes, cookies, brownies, pies, doughnuts, and pastries?	See note
	180	000 Never	
	1796	001-152	
	100	888 Blank but applicable	
	3	999 Don't know	
	29232	Blank	
4798-4800 FFP6BS		Chocolate candy and fudge? (per month)	See note
	550	000 Never	
	1426	001-182	
	100	888 Blank but applicable	
	3	999 Don't know	
	29232	Blank	
4801-4803 FFP6CS		How often (per month) did you have Hi-C, Tang, Hawaiian Punch, Koolaid, and other drinks with added vitamin C?	See note
	366	000 Never	
	1612	001-243	
	100	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	
4804-4806 FFP6DS		Diet colas, diet sodas, and diet drinks such as Crystal Light? (per month)	See note
	1415	000 Never	
	564	001-182	
	100	888 Blank but applicable	
	29232	Blank	
4807-4809 FFP6ES		Regular colas and sodas, not diet? (per month)	See note
	193	000 Never	
	1782	001-182	
	101	888 Blank but applicable	
	3	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

DESSERTS, SWEETS, AND BEVERAGES

Positions SAS name	Counts	Item description and code	Notes
4810-4812 FFP6FS		Regular coffee with caffeine? (per month)	See note
	1658	000 Never	
	320	001-152	
	100	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	
4813-4815 FFP6GS		Regular tea with caffeine? (per month)	See note
	1356	000 Never	
	617	001-213	
	100	888 Blank but applicable	
	6	999 Don't know	
	29232	Blank	
4816-4818 FFP6HS		Beer and lite beer? (per month)	See note
	1847	000 Never	
	130	001-061	
	101	888 Blank but applicable	
	1	999 Don't know	
	29232	Blank	
4819-4820 FFP6IS		Wine, wine coolers, sangria, and champagne? (per month)	See note
	1835	00 Never	
	71	01	
	24	02	
	7	03	
	22	04	
	4	05	
	2	06	
	5	09	
	2	13	
	1	17	
	4	30	
	101	88 Blank but applicable	
	1	99 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

DESSERTS, SWEETS, AND BEVERAGES

Positions SAS name	Counts	Item description and code		Notes
4821-4822 FFP6JS		Hard liquor such as tequila, gin, vodka, scotch, rum, whiskey and liqueurs, either alone or mixed? (per month)		See note
	1890	00	Never	
	88	01-30		
	101	88	Blank but applicable	
	29232	Blank		

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

FATS

Positions SAS name	Counts	Item description and code	Notes
4823-4825		Margarine? (per month)	See note
FFP7AS	548	000 Never	
	1401	001-182	
	100	888 Blank but applicable	
	30	999 Don't know	
	29232	Blank	
4826-4828		Butter? (per month)	See note
FFP7BS	688	000 Never	
	1267	001-243	
	100	888 Blank but applicable	
	24	999 Don't know	
	29232	Blank	
4829-4831		Oil and vinegar, mayonnaise and salad dressings such as Italian and Thousand Island, including those added to salads and sandwiches? (per month)	See note
FFP7CS	368	000 Never	
	1608	001-213	
	100	888 Blank but applicable	
	3	999 Don't know	
	29232	Blank	

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

OTHER FOODS OR BEVERAGES

Positions SAS name	Counts	Item description and code		Notes
4832-4833		Codes for first missed food/beverage		See note
FFP8AFC	1943	00	No other	
	2	03	Decaffeinated/herbal tea	
	13	04	Sports drinks, popsicles, fruit drinks	
	2	05	Water	
	3	06	Soy products, including tofu	
	15	08	Other	
	101	88	Blank but applicable	
	29232	Blank		
4834-4836		How often (per month) did you eat...		See note
FFP8AS		in the past month?		
	35	004-122		
	101	888	Blank but applicable	
	31175	Blank		
4837-4838		Codes for second missed food/beverage		
FFP8BFC	33	00	No other	
	2	08	Other	
	101	88	Blank but applicable	
	31175	Blank		
4839		How often (per month) did you eat...		See note
FFP8BS		in the past month?		
	1	4		
	1	5		
	101	8	Blank but applicable	
	31208	Blank		

DIETARY FOOD FREQUENCY (AGES 12-16 YEARS)

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code		Notes
4840		Respondent		
FFP10	1971	1	Self	
	13	2	Proxy	
	95	8	Blank but applicable	
	29232	Blank		
4841-4844		Interviewer number		
FFPEXMNR	157	4001		
	180	4002		
	126	4003		
	276	4004		
	678	4005		
	613	4006		
	1	4101		
	44	7002		
	3	7007		
	1	7073		
	29232	Blank		

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NOTES

FFPA1S, FFP1BS, FFP1ES-FFP7CS, FFP8AS, FFP8BS: Frequency of consumption of food item per month

The frequency of consumption variables were standardized as "times per month" using the conversion factors 4.3 weeks/month and 30.4 days/month rounded to the nearest whole number. If the frequency of consumption was reported as "never," the value was recorded as zero.

FFP1D1: Usual type of milk consumed

Only usual milk consumed was recorded here. If more than one milk type was reported as "usual," the first milk reported was recorded. Guidelines based on fat content were developed in order to recode other milks that were reported but not listed and to create new categories.

Codes/recodes	Reported usual milk
01 (whole/regular milk)	goat's milk
02 (2%/low fat)	
03 (1% milk)	acidophilus milk; lactose-reduced milk
04 (skim/nonfat milk)	hot chocolate mix; powdered milk; 0.5% milk
05 (buttermilk)	
06 (evaporated)	
07 (other not specified)	
11 half and half/cream	

FFP8AFC: New codes for other foods not listed

Respondents also were asked about other foods not listed in the food frequency questionnaire. Responses to this question from both the adult and the youth food frequency questionnaires were edited by first determining whether the food could be coded back into an existing category. When possible, the frequency of consumption of that food was added to the original response for the pre-existing category. If the original response was "Never consumed," then the consumption frequency for the "Other food not listed" replaced the original response. Foods that were reported using frequency units were first converted to a common unit; the frequencies were summed to produce whole number estimates. For example, if the reported frequency for the category "Other vegetables" was once per day and asparagus consumption once per week was reported for "other food not listed," then the frequency for asparagus consumption was added to the frequency of the "Other vegetables" category and recalculated as a consumption of eight per week. When it was not possible to recode a response, a determination was made about whether a new category should be created based on the reported frequency of the food or whether the food represented an important

source of a specific nutrient. The following eight new food groups were defined:

01 Egg substitutes
02 Decaffeinated coffee and espresso
03 Decaffeinated/herbal tea
04 Sports drinks, fruit drinks (excluding juices but including tamarind drinks), and popsicles
05 Water, including tap, mineral, spring, seltzer, soda
06 Soy products, including tofu, soy milk, soy ice cream, soy cheese, soy hamburgers, soy hot dogs, soy flour, and textured vegetable protein
07 Non-alcoholic beer/wine
08 Others not specified or not elsewhere classified, including diet, breakfast, and nutrition drinks, pudding, condiments, sour or whipped cream, granola bars, and gelatin

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

The mental health component of NHANES III included the depression and mania modules from the Diagnostic Interview Schedule (DIS) originally developed for the National Institute of Mental Health (NIMH) Epidemiologic Catchment Area (ECA) program. Trained interviewers administered the NHANES III DIS questions in the MEC, using automated data entry, as part of the MEC Youth Questionnaire for examinees 15-16 years of age and as part of the MEC Adult Questionnaire for examinees 17-39 years of age. The data from the DIS permit diagnoses based on the third edition of the Diagnostic and Statistical Manual of Mental Disorders (DSM-III).

The final MEC examination weight (MTPFEX6) should be used for analysis of the questionnaires and measurements administered in the MEC, as well as for a combined analysis of measurements from the MEC examinations and associated medical history questions from the household interview. The household questionnaire data files include information on survey design and basic demographic variables which may be linked to the examination data file by using the unique survey participant identifier SEQN. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

The DIS is a complicated questionnaire with a number of parallel series of questions and many skip instructions. The notes below describe these question series and skip patterns, and analysts are instructed to carefully read these notes in their entirety in order to facilitate analysis of this data. The Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94, page 362, (NCHS, 1994; U.S. DHHS, 1996b) contains a flow chart of the probe questions and skips from the DIS.

All variable names in the DIS portion of the MEC interviews start with the prefix MQP. The M indicates that it came from the MEC interview, the Q indicates that the data transcend the boundaries of separate adult (A) and youth (Y) interviews (sample persons ranged from ages 15-39) and the P indicates the data came from the primary interview.

Any sample person who was age 15 to 39 was eligible to receive this section of the adult or youth MEC questionnaire. A sample person who was not eligible to receive this section of the questionnaire will have all blanks in this section. Note that selected questions may be blank in the DIS section if the question was not applicable for the sample person to answer because of answers they had given to other questions. Also note that many of the questions have combined the "Don't know" and "No" category into a single response and this combination will vary per question in the DIS section.

Approximately 3.7% (322/8773) of the NHANES III sample did not have valid depression and mania sections of the questionnaire, with an additional 18 or 0.2% missing all or part of one section or the other. The major reasons for these missing data are that respondents: 1) ran out of time, 2) felt the material was too sensitive, usually because they were using an interpreter, 3) had comprehension problems due to cognitive impairment, 4) primary language was not English or Spanish, or 5) refused to answer or were not asked critical questions. All of the questions for these sample persons were coded "Blank but applicable."

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4845 MQPDLANG		Language used to conduct the DIS portion of the interview. There was no computerized version of the MEC Youth Questionnaire in Spanish. It was only given on hard copy. Therefore, MQPDLANG=4 only if (DMAETHNR >= 3 and MQPDLANG=3 and MQPHCFLG=1) OR specific comment made that indicates the interview was given in Spanish.		See note
	6439	1	English Adult	
	1242	2	Spanish Adult	
	736	3	English Youth	
	32	4	Spanish Youth	
	324	8	Blank but applicable	
	22538	Blank		
4846 MQPDPFLG		Completeness of depression data		See note
	5840	1	Lifetime symptoms answered, insufficient number positive to answer clustering questions	
	1318	2	Sufficient lifetime symptoms present but do not cluster in spells of sufficient duration	
	1277	3	Sufficient lifetime symptoms present and cluster in spells of sufficient duration, but may or may not meet criteria for diagnosis.	
	14	4	Sufficient lifetime symptoms present but no information available if cluster in spells of sufficient duration - missing diagnosis	
	324	5	No information available, but should have been collected - missing diagnosis	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4847 MQPMNFLG		Completeness of mania data		See note
	7548	1	Lifetime symptoms answered, insufficient number positive to ask clustering questions	
	582	2	Sufficient lifetime symptoms present but do not cluster in spells of sufficient duration	
	317	3	Sufficient lifetime symptoms present and cluster in spells of sufficient duration, but may or may not meet criteria for diagnosis.	
	326	5	No information available, but should have been collected - missing diagnosis	
	22538	Blank		
4848 MQPHCFLG		Interview given on hard copy, not computerized (only affects availability of responses to probe questions)		See note
	222	1	Yes	
	8227	2	No	
	324	8	Blank but applicable	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
		The following variables refer to questions on the data collection instruments documented in Ref. No. 1, pages 329-337 and 352-362. Variables MQPG01- MQPG20W and MQPG41L-MQPG49W cover the questions asked in the depression and mania sections, respectively.	
4849 MQPG01		Flag that indicates persons who should have received the DIS portion of the MEC interview. Those absent are those who completed at least one module of the MEC interview, were between 15 and 39 years old, and did not complete any part of the DIS portion of the MEC interview. (See the depression (MQPDPFLG) and mania (MQPMNFLG) section flags for more detailed information).	See note
	8449	1 Present	
	324	2 Absent	
	22538	Blank	
4850 MQPG02		In your lifetime, have you ever had two weeks or more during which you felt sad, blue, depressed, or when you lost all interest and pleasure in things that you usually cared about or enjoyed?	
	3396	1 Yes	
	5053	2 No/Don't know	
	324	8 Blank but applicable	
	22538	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4851 MQPG03		Have you had two years or more in your life when you felt depressed or sad almost all the time, even if you felt OK sometimes?		
	997	1	Yes	
	7452	2	No/Don't know	
	324	8	Blank but applicable	
	22538	Blank		
4852 MQPG04		(If 'yes' in MQP0G3): Did you tell a doctor about MQPG03 symptom?		
	328	1	Yes	
	669	2	No/Don't know	
	324	8	Blank but applicable	
	29990	Blank		
4853-4854 MQPG05L		Has there ever been a period of two weeks or longer when you lost your appetite?		See note
	1120	01	Yes	
	7066	02	No/Don't know	
	70	03	Only due to med/drugs/alcohol	
	193	04	Only due to physical illness or injury	
	324	88	Blank but applicable	
	22538	Blank		
4855 MQPG0501		(If 'yes' in MQPG05L): Did you tell a doctor about MQPG05L symptom?		See note
	425	1	Yes	
	927	2	No/Don't know	
	355	8	Blank but applicable	
	29604	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4856-4857 MQPG06L		Have you ever lost weight without trying to - as much as two pounds a week for several weeks?		See note
	1466	01	Yes	
	6542	02	No/Don't know	
	103	03	Only due to med/drugs/alcohol	
	338	04	Only due to physical illness or injury	
	324	88	Blank but applicable	
	22538	Blank		
4858 MQPG0601		(If 'yes' in MQPG06L): Did you tell a doctor about MQPG06L symptom?		See note
	573	1	Yes	
	1299	2	No/Don't know	
	358	8	Blank but applicable	
	29081	Blank		
4859-4860 MQPG07L		Have you ever had a period when your eating increased so much that you gained as much as two pounds a week for several weeks?		See note
	1860	01	Yes	
	6362	02	No/Don't know	
	117	03	Only due to med/drugs/alcohol	
	110	04	Only due to physical illness or injury	
	324	88	Blank but applicable	
	22538	Blank		
4861 MQPG0701		(If 'yes' in MQPG07L): Did you tell a doctor about MQPG07L symptom?		See note
	347	1	Yes	
	1708	2	No/Don't know	
	356	8	Blank but applicable	
	28900	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
4862 MQPDGP1L		Count of yes responses (1's) for appetite group: Lost appetite (MQPG05L) Lost weight (MQPG06L) Gained weight (MQPG07L)	See note
	5170	0	
	2305	1	
	781	2	
	193	3	
	324	8 All blank but applicable	
	22538	Blank	
4863-4864 MQPG08L		Have you ever had a period of two weeks or more when you had trouble falling asleep, staying asleep, or with waking up too early?	See note
	1959	01 Yes	
	6262	02 No/Don't know	
	74	03 Only due to med/drugs/alcohol	
	154	04 Only due to physical illness or injury	
	324	88 Blank but applicable	
	22538	Blank	
4865 MQPG0801		(If 'yes' in MQPG08L): Did you tell a doctor about MQPG08L symptom?	See note
	499	1 Yes	
	1645	2 No/Don't know	
	367	8 Blank but applicable	
	28800	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4866-4867 MQPG09L		Have you ever had a period of two weeks or longer when you were sleeping too much?		See note
	1189	01	Yes	
	6935	02	No/Don't know	
	107	03	Only due to med/drugs/alcohol	
	216	04	Only due to physical illness or injury	
	326	88	Blank but applicable	
	22538	Blank		
4868 MQPG0901		(If 'yes' in MQPG09L): Did you tell a doctor about MQPG09L symptom?		See note
	298	1	Yes	
	1188	2	No/Don't know	
	349	8	Blank but applicable	
	29476	Blank		
4869 MQPDGP2L		Count of yes responses (1's) for sleep group: Insomnia (MQPG08L) Hypersomnia (MQPG09L)		See note
	5768	0		
	2214	1		
	467	2		
	324	8	All blank but applicable	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4870-4871 MQPG10L		Has there ever been a period lasting two weeks or more when you felt tired out all the time?		See note
	2012	01	Yes	
	5859	02	No/Don't know	
	85	03	Only due to med/drugs/alcohol	
	493	04	Only due to physical illness or injury	
	324	88	Blank but applicable	
	22538	Blank		
4872 MQPG1001		(If 'yes' in MQPG10L: Did you tell a doctor about MQPG10L symptom?		See note
	790	1	Yes	
	1754	2	No/Don't know	
	370	8	Blank but applicable	
	28397	Blank		
4873 MQPDGP3L		Count of yes responses (1's) to tired out group: (MQPG10L)		See note
	6437	0		
	2012	1		
	324	8	All blank but applicable	
	22538	Blank		
4874-4875 MQPG11L		Has there ever been a period of two weeks or more when you talked or moved more slowly than is normal for you?		See note
	487	01	Yes	
	7668	02	No/Don't know	
	48	03	Only due to med/drugs/alcohol	
	246	04	Only due to physical illness or injury	
	324	88	Blank but applicable	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4876 MQPG1101		(If 'yes' in MQPG11L): Did you tell a doctor about MQPG11L symptom?		See note
	258	1	Yes	
	505	2	No/Don't know	
	342	8	Blank but applicable	
	30206	Blank		
4877-4878 MQPG12L		Has there ever been a period of two weeks or more when you had to be moving all the time-- that is, you couldn't sit still and paced up and down?		See note
	711	01	Yes	
	7649	02	No/Don't know	
	62	03	Only due to med/drugs/alcohol	
	27	04	Only due to physical illness or injury	
	324	88	Blank but applicable	
	22538	Blank		
4879 MQPG1201		(If 'yes' in MQPG12L): Did you tell a doctor about MQPG12L symptom?		See note
	122	1	Yes	
	671	2	No/Don't know	
	331	8	Blank but applicable	
	30187	Blank		
4880 MQPDGP4L		Count of yes responses (1's) for slow/restless group: Retarded (MQPG11L) Restless (MQPG12L)		See note
	7384	0		
	932	1		
	133	2		
	324	8	All blank but applicable	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4881-4882 MQPG13L		Was there ever a period of several weeks when your interest in sex was a lot less than usual?		See note
	391	01	Yes	
	6320	02	No/Don't know	
	39	03	Only due to med/drugs/alcohol	
	80	04	Only due to physical illness or injury	
	19	05	No interest ever	
	1596	06	Yes, but wasn't bothered	
	328	88	Blank but applicable	
	22538	Blank		
4883 MQPG1301		(If 'yes' in MQPG13L): Did you tell a doctor about MQPG13L symptom?		See note
	207	1	Yes	
	1881	2	No/Don't know	
	342	8	Blank but applicable	
	28881	Blank		
4884 MQPG1302		(If 'no' in MQPG1301): Did you tell any other professional about MQPG13L symptom?		See note
	60	1	Yes	
	1821	2	No/Don't know	
	346	8	Blank but applicable	
	29084	Blank		
4885 MQPG1303		(If 'no' in MQPG1302): Did you take medication for MQPG13L symptom more than once?		See note
	3	1	Yes	
	1818	2	No/Don't know	
	346	8	Blank but applicable	
	29144	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4886 MQPG1304		(If 'no' in MQPG1303): Did MQPG13L symptom interfere with your life or activities a lot?		See note
	230	1	Yes	
	1587	2	No/Don't know	
	346	8	Blank but applicable	
	29148	Blank		
4887 MQPDGP5L		Count of yes responses (1's) to sexual disinterest group: (MQPG13L)		See note
	8058	0		
	391	1		
	324	8	All blank but applicable	
	22538	Blank		
4888-4889 MQPG14L		Has there ever been a period of two weeks or more when you felt worthless, sinful, or guilty?		See note
	1495	01	Yes	
	6954	02	No/Don't know	
	324	88	Blank but applicable	
	22538	Blank		
4890 MQPDGP6L		Count of yes responses (1's) to guilt/ worthless group: (MQPG14L)		See note
	6954	0		
	1495	1		
	324	8	All blank but applicable	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4891-4892 MQPG15L		Has there ever been a period of two weeks or more when you had a lot more trouble concentrating than is normal for you?		See note
	1723	01	Yes	
	6546	02	No/Don't know	
	79	03	Only due to med/drugs/alcohol	
	100	04	Only due to physical illness or injury	
	325	88	Blank but applicable	
	22538	Blank		
4893 MQPG1501		(If 'yes' in MQPG15L): Did you tell a doctor about MQPG15L symptom?		See note
	252	1	Yes	
	1614	2	No/Don't know	
	360	8	Blank but applicable	
	1	9	Don't know	
	29084	Blank		
4894-4895 MQPG16L		Have you ever had a period of two weeks or more when your thoughts came much slower than usual or seemed mixed up?		See note
	758	01	Yes	
	7528	02	No/Don't know	
	95	03	Only due to med/drugs/alcohol	
	68	04	Only due to physical illness or injury	
	324	88	Blank but applicable	
	22538	Blank		
4896 MQPG1601		(If 'yes' in MQPG16L): Did you tell a doctor about MQPG16L symptom?		See note
	172	1	Yes	
	726	2	No/Don't know	
	347	8	Blank but applicable	
	30066	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
4897 MQPDGP7L		Count of yes responses (1's) to trouble thinking group: Trouble concentrating (MQPG15L) Thoughts slow or mixed up (MQPG16L)	See note
	6482	0	
	1453	1	
	514	2	
	324	8 All blank but applicable	
	22538	Blank	
4898-4899 MQPG17L		Has there ever been a period of two weeks or more when you thought a lot about death--either your own, someone else's, or death in general?	See note
	2342	01 Yes	
	6107	02 No/Don't know	
	324	88 Blank but applicable	
	22538	Blank	
4900-4901 MQPG18L		Has there ever been a period of two weeks or more when you felt like you wanted to die?	See note
	893	01 Yes	
	7555	02 No/Don't know	
	325	88 Blank but applicable	
	22538	Blank	
4902-4903 MQPG19L		Have you ever felt so low you thought of committing suicide?	See note
	1396	01 Yes	
	7051	02 No/Don't know	
	326	88 Blank but applicable	
	22538	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4904-4905 MQPG20L		Have you ever attempted suicide?		See note
	464	01	Yes	
	7983	02	No/Don't know	
	326	88	Blank but applicable	
	22538	Blank		
4906 MQPDGP8L		Count of yes responses (1's) to death group: Thought of death (MQPG17L) Wish to die (MQPG18L) Suicide thoughts (MQPG19L) Suicide attempt (MQPG20L)		See note
	5406	0		
	1820	1		
	611	2		
	395	3		
	217	4		
	324	8	All blank but applicable	
	22538	Blank		
4907 MQPG21		Check Item: Refer to MQPG02 and MQPDGP1L-MQPDGP8L		See note
	1926	1	If Yes (1) coded in 3 or more of the 8 groups of symptoms (1 <= MQPDGP1L-MQPDGP8L <=4) and Yes (1) coded in G2, then go to G22	
	683	2	If Yes (1) coded in 3 or more of the 8 groups of symptoms (1 <= MQPDGP1L-MQPDGP8L <=4) and No (2) coded in G2, then go to G24	
	5840	3	If Yes (1) coded in 2 or fewer of the 8 groups of symptoms (1 <= MQPDGP1L-MQPDGP8L <=4), then skip to mania section (G41)	
	324	8	Blank but applicable	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4908 MQPG22		(If '1' in MQPG21): You said you've had a period of feeling (depressed/sad/ blue /OWN EQUIVALENT) and also said you've had some other problems like (List all 1's in MQPG05L-MQPG20L). Has there ever been a time when the feelings of depression and some of these other problems occurred together, that is, within the same month?		See note
	1361	1	Yes	
	555	2	No	
	334	8	Blank but applicable	
	29061	Blank		
4909 MQPG23		(If 'no' in MQPG22): So there's never been a period when you felt sad, blue, or depressed at the same time you were having some of these other problems?		See note
	461	1	Yes, never been a period	
	94	2	No, has been a period	
	334	8	Blank but applicable	
	30422	Blank		
4910 MQPG24		(If '2' in MQPG21): You said you have had periods when (List all 1's in MQPG05L- MQPG20L). Was there ever a time when several of these problems occurred together, that is, within the same month?		See note
	266	1	Yes	
	413	2	No	
	328	8	Blank but applicable	
	30304	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
4911 MQPG25		(If 'yes' in MQPG24): When you were having some of these problems, at about the same time were you feeling okay, or were you feeling low, gloomy, blue or uninterested in everything?	See note
	81	1 Okay	
	184	2 Low, gloomy, blue, uninterested	
	328	8 Blank but applicable	
	1	9 Don't know	
	30717	Blank	
4912-4915 MQPG26		(If 'yes' in MQPG22 or 'no, has been a period' in MQPG23 or 'low' in MQPG25): What's the longest spell you've ever had when you felt blue and had several of these other problems at the same time?	See note
	1265	0002-0780 weeks	
	8	0988 Whole life	
	362	7777 Less than 2 weeks	
	338	8888 Blank but applicable	
	4	9999 Don't know	
	29334	Blank	
4916-4918 MQPG27		(If '2-988' in MQPG26): Now I'd like to ask about spells when you felt both (depressed/OWN EQUIVALENT) and had some of these other problems like (List 2 or 3 items coded 'yes'(1) in MQPG05L-MQPG20L). In your lifetime, how many spells like that have you had that lasted two weeks or more?	
	1233	001-090 spells	
	15	096 96 or more spells	
	338	888 Blank but applicable	
	29	999 Don't know	
	29696	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4919 MQPG28		(If '1-96' in MQPG27): Did you tell a doctor about (that spell/any of those spells)?		
	377	1	Yes	
	899	2	No	
	338	8	Blank but applicable	
	1	9	Don't know	
	29696	Blank		
4920 MQPG29		(If 'no' in MQPG28): Did you tell any other professional about (it/any of them)?		
	165	1	Yes	
	735	2	No	
	338	8	Blank but applicable	
	30073	Blank		
4921 MQPG30		(If 'no' in MQPG29): Did you take medicine more than once because of (that spell/any of those spells)?		
	44	1	Yes	
	691	2	No	
	338	8	Blank but applicable	
	30238	Blank		
4922 MQPG31		(If 'no' in MQPG30): Did (that spell/those spells) interfere with your life or activities a lot?		
	457	1	Yes	
	234	2	No	
	338	8	Blank but applicable	
	30282	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
4923-4924 MQPG32		(If 'yes' in any of MQPG28-MQPG30 or any answer in MQPG31): How old were you the first time you had a spell for two weeks or more where you felt sad and had some of these other problems such as (List 2 or 3 items coded 'yes'(1) in MQPG05L-MQPG20L)?	
	1277	02-39 years old	
	338	88 Blank but applicable	
	29696	Blank	
4925 MQPG33		(If '2-39' in MQPG32): Did (that spell/any of those spells) occur just after someone close to you died? (If volunteers began more than 2 months after death, mark 'no')	
	475	1 Yes	
	802	2 No	
	338	8 Blank but applicable	
	29696	Blank	
4926 MQPG34		(If 'yes' in MQPG33): Have you had any spell of (depression/OWN EQUIVALENT) along with these other problems such as (List 2 or 3 items coded 'yes' (1) in MQPG05L-MQPG20L) at times when it wasn't due to a death?	
	179	1 Only due to death	
	296	2 Other times or not due to death	
	338	8 Blank but applicable	
	30498	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4927 MQPG35		(If 'no' in MQPG33 or '1-2' in MQPG34): Are you in one of these spells of feeling low or disinterested and having some of these other problems now?		
	358	1	Yes	
	919	2	No	
	338	8	Blank but applicable	
	29696	Blank		
4928 MQPG36		(If 'no' in MQPG35): When did your last spell like that end? (Code most recent time possible)		
	58	1	Within last 2 weeks	
	67	2	Within last month	
	211	3	Within last 6 months	
	138	4	Within last year	
	445	5	More than 1 year ago	
	338	8	Blank but applicable	
	30054	Blank		
4929-4930 MQPG37		(If 'more than 1 year ago' in MQPG36): How old were you then?		
	445	07-38	years old	
	338	88	Blank but applicable	
	30528	Blank		
4931 MQPG38		Check Item (Refer to MQPG26-MQPG27).		
	763	1	If more than 1 spell in G27, then go to G39	
	71	2	If 1 spell in G27 which was 52 weeks or more in G26, then go to G39	
	413	3	If 1 spell in G27 which was less than 52 weeks in G26, then go to G40	
	368	8	Blank but applicable	
	29696	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
4932-4933 MQPG39		(If '1' in MQPG38): Now I'd like to know about the time when you were feeling (depressed/OWN EQUIVALENT) for at least 2 weeks and had the largest number of these other problems at the same time. How old were you at that time? (IF CAN'T CHOOSE: Then pick one bad spell). (If '3' in MQPG38 or '2-39' in MQPG39): During the spell of (depression/OWN EQUIVALENT) which of these other problems did you have? For instance, during that spell (when you were (AGE in MQPG39) years old) (BEGINNING WITH WORDS IN BRACKETS, READ EACH QUESTION CODED 'yes' (1) in MQPG05L-MQPG20L)	
	864	02-39 years old	
	338	88 Blank but applicable	
	30109	Blank	
4934 MQPG05W		(If 'yes' in MQPG5): Did you lose your appetite?	See note
	492	1 Yes	
	57	2 No/Don't know	
	328	8 Blank but applicable	
	30434	Blank	
4935 MQPG06W		(If 'yes' in MQPG06L): Did you lose weight without trying to - as much as two pounds a week for several weeks or as much as 10 pounds altogether?	See note
	365	1 Yes	
	129	2 No/Don't know	
	333	8 Blank but applicable	
	30484	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
4936 MQPG07W		(If 'yes' in MQPG07L): Did your eating increase so much that you gained as much as two pounds a week for several weeks or 10 pounds altogether?	See note
	227	1 Yes	
	289	2 No/Don't know	
	327	8 Blank but applicable	
	30468	Blank	
4937 MQPG08W		(If 'yes' in MQPG08L): Did you have trouble falling asleep, staying asleep, or with waking up too early?	See note
	701	1 Yes	
	73	2 No/Don't know	
	335	8 Blank but applicable	
	30202	Blank	
4938 MQPG09W		(If 'yes' in MQPG09L): Were you sleeping too much?	See note
	268	1 Yes	
	173	2 No/Don't know	
	328	8 Blank but applicable	
	30542	Blank	
4939 MQPG10W		(If 'yes' in MQPG10L): Did you feel tired out all the time?	See note
	600	1 Yes	
	136	2 No/Don't know	
	329	8 Blank but applicable	
	30246	Blank	
4940 MQPG11W		(If 'yes' in MQPG11L): Did you talk or move more slowly than is normal for you?	See note
	192	1 Yes	
	55	2 No/Don't know	
	328	8 Blank but applicable	
	30736	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
4941 MQPG12W		(If 'yes' in MQPG12L): Did you have to be moving all the time-- that is, you couldn't sit still and paced up and down?	See note
	218	1 Yes	
	95	2 No/Don't know	
	329	8 Blank but applicable	
	30669	Blank	
4942 MQPG13W		(If 'yes' in MQPG13L): Was your interest in sex a lot less than usual?	See note
	178	1 Yes	
	35	2 No/Don't know	
	326	8 Blank but applicable	
	30772	Blank	
4943 MQPG14W		(If 'yes' in MQPG14L): Did you feel worthless, sinful, or guilty?	See note
	717	1 Yes	
	71	2 No/Don't know	
	331	8 Blank but applicable	
	30192	Blank	
4944 MQPG15W		(If 'yes' in MQPG15L): Did you have a lot more trouble concentrating than is normal for you?	See note
	734	1 Yes	
	87	2 No/Don't know	
	335	8 Blank but applicable	
	30155	Blank	
4945 MQPG16W		(If 'yes' in MQPG16L): Did your thoughts come much slower than usual or seem mixed up?	See note
	344	1 Yes	
	44	2 No/Don't know	
	330	8 Blank but applicable	
	30593	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
4946 MQPG17W		(If 'yes' in MQPG17L): Did you think a lot about death--either your own, someone else's, or death in general?	See note
	694	1 Yes	
	133	2 No/Don't know	
	330	8 Blank but applicable	
	30154	Blank	
4947 MQPG18W		(If 'yes' in MQPG18L): Did you feel like you wanted to die?	See note
	462	1 Yes	
	68	2 No/Don't know	
	327	8 Blank but applicable	
	30454	Blank	
4948 MQPG19W		(If 'yes' in MQPG19L): Did you feel so low you thought of committing suicide?	See note
	474	1 Yes	
	154	2 No/Don't know	
	329	8 Blank but applicable	
	30354	Blank	
4949 MQPG20W		(If 'yes' in MQPG20L): Did you attempt suicide?	See note
	133	1 Yes	
	100	2 No/Don't know	
	326	8 Blank but applicable	
	30752	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4950-4951 MQPG41L		Has there ever been a period of one week or more when you were so happy or excited or high that you got into trouble, or your family or friends worried about it, or a doctor said you were manic?		See note
	271	01	Yes	
	8100	02	No/Don't know	
	76	03	Only due to med/drugs/alcohol	
	326	88	Blank but applicable	
	22538	Blank		
4952-4953 MQPG42L		Has there ever been a period of a week or more when you were so much more active than usual that you or your family or friends were concerned about it?		See note
	464	01	Yes	
	7923	02	No/Don't know	
	60	03	Only due to med/drugs/alcohol	
	326	88	Blank but applicable	
	22538	Blank		
4954-4955 MQPG43L		Has there ever been a period of a week or more when you went on spending sprees- spending so much money that it caused you or your family some financial trouble?		See note
	560	01	Yes	
	7805	02	No/Don't know	
	82	03	Only due to med/drugs/alcohol	
	326	88	Blank but applicable	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4956-4957 MQPG44L		Have you ever had a period of a week or more when your interest in sex was so much stronger than is typical for you that you wanted to have sex a lot more frequently than is normal for you or with people you normally wouldn't be interested in?		See note
	1180	01	Yes	
	7212	02	No/Don't know	
	52	03	Only due to med/drugs/alcohol	
	329	88	Blank but applicable	
	22538	Blank		
4958-4959 MQPG45L		Has there ever been a period of a week or more when you talked so fast that people said they couldn't understand you?		See note
	679	01	Yes	
	7724	02	No/Don't know	
	44	03	Only due to med/drugs/alcohol	
	326	88	Blank but applicable	
	22538	Blank		
4960-4961 MQPG46L		Have you ever had a period of a week or more when thoughts raced through your head so fast that you couldn't keep track of them?		See note
	809	01	Yes	
	7560	02	No/Don't know	
	78	03	Only due to med/drugs/alcohol	
	326	88	Blank but applicable	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4962-4963 MQPG47L		Have you ever had a period of a week or more when you felt that you had a special gift or special powers to do things others couldn't do or that you were a specially important person?		See note
	145	01	Yes	
	8296	02	No/Don't know	
	6	03	Only due to med/drugs/alcohol	
	326	88	Blank but applicable	
	22538	Blank		
4964 MQPG47EX		(If 'yes' to MQPG47L): Was extra sensory perception or something else given as an example of a special gift or power?		See note
	103	1	Extra sensory perception (ESP)	
	96	2	Other	
	328	8	Blank but applicable	
	30784	Blank		
4965-4966 MQPG48L		Has there ever been a period of a week or more when you hardly slept at all but still didn't feel tired or sleepy?		See note
	1435	01	Yes	
	6909	02	No/Don't know	
	103	03	Only due to med/drugs/alcohol	
	326	88	Blank but applicable	
	22538	Blank		
4967-4968 MQPG49L		Was there ever a period of a week or more when you were easily distracted so that any little interruption could get you off the track?		See note
	1518	01	Yes	
	6848	02	No/Don't know	
	81	03	Only due to med/drugs/alcohol	
	326	88	Blank but applicable	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4969 MQPG50		Check item. (Refer to MQPG41L-MQPG49L) Mark first applicable box.		See note
	176	1	If 2 or more 'yes' (1) in G42-G49 and 'yes' (1) in G41, then go to G51	
	723	2	If 3 or more 'yes' (1) in G42-G49 and 'no' (2) or 'due to med/drugs/ alcohol' (3) in G41, then go to G53	
	7548	3	If a) 2 'yes' (1) in G42-G49 and '2' or '3' in G41 OR b) 0 or 1 'yes' (1) in G42-G49, then exit mania section	
	326	8	Blank but applicable	
	22538	Blank		
4970 MQPG51		(If '1' in MQPG50): You said you've had a period of feeling (very happy/ excited/manic/high/OWN EQUIVALENT/ irritable) and also said you've had some problems like (List all 1's in MQPG42L-MQPG49L). Has there ever been a time when the feelings of being excited or manic and some of these other feelings or experiences occurred together-that is, within the same month?		See note
	98	1	Yes	
	77	2	No	
	326	8	Blank but applicable	
	1	9	Don't know	
	30809	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4971 MQPG52		(If 'no' for MQPG51): So there's never been a period when you felt very excited or manic at the same time you were having any of these other experiences?		See note
	76	1	Yes, never been a period	
	1	2	No, has been a period	
	326	8	Blank but applicable	
	30908	Blank		
4972 MQPG53		(If '2' in MQPG50): You said you had times when (List all 1's in MQPG42L-MQPG49L). Was there ever a time when some of these feelings or experiences occurred together-that is, within the same month?		See note
	387	1	Yes	
	336	2	No	
	326	8	Blank but applicable	
	30262	Blank		
4973 MQPG54		(If yes in MQPG53): When you were feeling that way, were you unusually irritable or likely to fight or argue?		See note
	215	1	Yes	
	169	2	No	
	326	8	Blank but applicable	
	3	9	Don't know	
	30598	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
4974-4977 MQPG55		(If 'yes' in MQPG51 or 'never' in MQPG52 or 'yes' in MQPG54): What's the longest spell you've ever had when you felt (very happy/excited/manic/high/OWN EQUIVALENT/irritable) for at least a week and had several of these other experiences like (List 1's in MQPG42L-MQPG49L)?	
	316	0001-0780 weeks	
	326	8888 Blank but applicable	
	1	9999 Don't know	
	30668	Blank	
4978-4980 MQPG56		(If '1-780' in MQPG55): In your lifetime, how many spells like that have you had that lasted one week or more?	
	309	001-052 spells	
	6	096 96 or more spells	
	326	888 Blank but applicable	
	2	999 Don't know	
	30668	Blank	
4981 MQPG57		(If '1-96' in MQPG56): Did you tell a doctor about (that spell/any of those spells)?	
	34	1 Yes	
	283	2 No	
	326	8 Blank but applicable	
	30668	Blank	
4982 MQPG58		(If 'no' in MQPG57): Did you tell any other professional about (it/any of them)?	
	29	1 Yes	
	254	2 No	
	326	8 Blank but applicable	
	30702	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
4983 MQPG59		(If 'no' in MQPG58): Did you take medicine more than once because of (that spell/any of those spells)?	
	13	1 Yes	
	241	2 No	
	326	8 Blank but applicable	
	30731	Blank	
4984 MQPG60		(If 'no' in MQPG59): Did (that spell/those spells) interfere with your life or activities a lot?	
	109	1 Yes	
	132	2 No	
	326	8 Blank but applicable	
	30744	Blank	
4985-4986 MQPG61		(If 'yes' in any of MQPG57-MQPG59 or any answer in MQPG60): How old were you the first time you had a spell for one week or more where you felt (very happy/ excited/manic/high/OWN EQUIVALENT/ irritable) and had some of these experiences like (List 2 or 3 items coded 'yes'(1) in MQPG42L-MQPG49L)?	
	316	01-39 years old	
	326	88 Blank but applicable	
	1	99 Don't know	
	30668	Blank	
4987 MQPG62		(If '1-39' in MQPG61): Are you in one of these spells of feeling (very happy/ excited/manic/high/OWN EQUIVALENT/ irritable) and having some of these experiences now?	
	92	1 Yes	
	225	2 No	
	326	8 Blank but applicable	
	30668	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
4988 MQPG63		(If 'no' in MQPG62): How long ago did your last period like that end? (Code most recent time possible)	
	28	1 Within last 2 weeks	
	36	2 Within last month	
	68	3 Within last 6 months	
	36	4 Within last year	
	57	5 More than 1 year ago	
	326	8 Blank but applicable	
	30760	Blank	
4989-4990 MQPG64		(If 'more than 1 year ago' in MQPG63): How old were you then?	
	57	13-38 years old	
	326	88 Blank but applicable	
	30928	Blank	
4991 MQPG65		Check Item: Refer to MQPG56.	
	73	1 If one spell in G56 then go to G67.	
	242	2 If more than one spell in G56, then go to G66	
	328	8 Blank but applicable	
	30668	Blank	
4992-4993 MQPG66		(If '2' in MQPG65): Now I'd like to know about the time when you were feeling (very happy/excited/manic/high/OWN EQUIVALENT/irritable) and had the largest number of these other experiences at the same time. How old were you at that time? (If you can't choose, then pick one bad spell). (If '1' in MQPG65 or '5-39' in MQPG66): During the spell of being (very happy/ excited/manic/high/OWN EQUIVALENT/ irritable) which of these experiences did you have? For instance, during that spell (when you were (AGE in MQPG66) years old) (BEGINNING WITH WORDS IN	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
		BRACKETS, READ EACH QUESTION CODED 'yes' (1) in MQPG42L-MQPG49L)	
	243	05-39 years old	
	326	88 Blank but applicable	
	1	99 Don't know	
	30741	Blank	
4994 MQPG42W		(If 'yes' in MQPG42L): Were you so much more active than usual that you or your family or friends were concerned about it?	See note
	96	1 Yes	
	32	2 No/Don't know	
	326	8 Blank but applicable	
	30857	Blank	
4995 MQPG43W		(If 'yes' in MQPG43L): Did you go on spending sprees - spending so much money that it caused you or your family some financial trouble?	See note
	83	1 Yes	
	30	2 No/Don't know	
	326	8 Blank but applicable	
	30872	Blank	
4996 MQPG44W		(If 'yes' in MQPG44L): At that time was your interest in sex so much stronger than is typical for you that you wanted to have sex a lot more frequently than is normal for you or with people you normally wouldn't be interested in?	See note
	128	1 Yes	
	45	2 No/Don't know	
	327	8 Blank but applicable	
	30811	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
4997 MQPG45W		(If 'yes' in MQPG45L): Did you talk so fast that people said they couldn't understand you?		See note
	104	1	Yes	
	25	2	No/Don't know	
	326	8	Blank but applicable	
	30856	Blank		
4998 MQPG46W		(If 'yes' in MQPG46L): Did thoughts race through your head so fast that you couldn't keep track of them?		See note
	158	1	Yes	
	35	2	No/Don't know	
	326	8	Blank but applicable	
	30792	Blank		
4999 MQPG47W		(If 'yes' in MQPG47L): Did you feel that you had a special gift or special powers to do things others couldn't do or that you were a specially important person?		See note
	23	1	Yes	
	8	2	No/Don't know	
	326	8	Blank but applicable	
	30954	Blank		
5000 MQPG48W		(If 'yes' in MQPG48L): Did you hardly sleep at all but still didn't feel tired or sleepy?		See note
	171	1	Yes	
	41	2	No/Don't know	
	326	8	Blank but applicable	
	30773	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
5001 MQPG49W		(If 'yes' in MQPG49L): Were you easily distracted so that any little interruption could get you off the track?		See note
	218	1	Yes	
	25	2	No/Don't know	
	326	8	Blank but applicable	
	30742	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
		A scoring program was used to produce a number of scored variables. The set for depression are as follows:	
5002 MQPDGP1W		During worst episode of depression, how many of the following symptoms occurred: Lost appetite (MQPG05W); or Lost weight (MQPG06W); or Gained weight (MQPG07W) ?	See note
	7660	0	
	496	1	
	264	2	
	20	3	
	333	8 All blank but applicable	
	22538	Blank	
5003 MQPDGP2W		During worst episode of depression, how many of the following symptoms occurred: Insomnia (MQPG08W); or Hypersomnia (MQPG09W) ?	See note
	7582	0	
	739	1	
	115	2	
	337	8 All blank but applicable	
	22538	Blank	
5004 MQPDGP3W		During worst episode of depression was there fatigue (MQPG10W) ?	See note
	7844	0	
	600	1	
	329	8 All blank but applicable	
	22538	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
5005 MQPDGP4W		During worst episode of depression, how many of the following symptoms occurred: Retarded (MQPG11W); or Restless (MQPG12W) ?	See note
	8080	0	
	312	1	
	49	2	
	332	8 All blank but applicable	
	22538	Blank	
5006 MQPDGP5W		During worst episode of depression was there sexual disinterest (MQPG13W) ?	See note
	8269	0	
	178	1	
	326	8 All blank but applicable	
	22538	Blank	
5007 MQPDGP6W		During worst episode of depression, was there guilt (MQPG14W)?	See note
	7725	0	
	717	1	
	331	8 All blank but applicable	
	22538	Blank	
5008 MQPDGP7W		During worst episode of depression, how many of the following symptoms occurred: Trouble concentrating (MQPG15W); or Thoughts slow or mixed up (MQPG16W) ?	See note
	7638	0	
	522	1	
	278	2	
	335	8 All blank but applicable	
	22538	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
5009 MQPDGP8W		During worst episode of depression, how many of the following symptoms occurred: Thought of death (MQPG17W); or Wish to die (MQPG18W); or Suicide thoughts (MQPG19W); or Suicide attempt (MQPG20W) ?	See note
	7590	0	
	347	1	
	189	2	
	218	3	
	96	4	
	333	8 All blank but applicable	
	22538	Blank	
5010-5011 MQPDGPSW		The total number of positive groups, i.e. MQPDGP1W to MQPDGP8W, in which at least one symptom was positive (1's) during the worst episode.	See note
	7164	00	
	37	01	
	165	02	
	335	03	
	263	04	
	241	05	
	131	06	
	67	07	
	32	08	
	338	88 Blank but applicable	
	22538	Blank	
5012 MQPDYSFR		The dysphoria indicator. This corresponds to the "A" criterion in DSM-III. (MQPG02 = 1 (Yes) or 2 weeks <= MQPG26 (in weeks) <= whole life)	See note
	3505	1 Yes	
	4944	2 No	
	324	8 All blank but applicable	
	22538	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
5013-5014 MQPDPSX1		The total number of positive symptoms in the worst episode. (MQPDPSX1 = SUM of MQPDGP1W-MQPDGP8W + 1 (if MQPDYSFR=1))	See note
	8435	00-17	
	338	88 Blank but applicable	
	22538	Blank	
5015-5016 MQPDEP		The lifetime DSM-III diagnosis of major depressive episode. - Criterion "A" is dysphoric mood (MQPDYSFR = 1 (yes)). - Criterion "B" is two or more weeks of symptoms from at least four groups (4 <= MQPDGPSW <= 8). - The minimum severity requirement is that these symptoms cause help seeking or impairment (at least one "yes" to MQPG28-MQPG31). - Criterion "C" & "D" are not assessed. - Criterion "E" is only assessed by the absence of grief as the cause of depression (MQPG34 = 2, i.e. depressed spells may be caused by things other than death or never because of death)	See note
	7701	01 No diagnosis of major depressive episode (does not meet criteria)	
	64	02 Non-severe major depressive episode, meet Criteria "A" and "B" but not severity	
	586	03 Severe major depressive episode (Criteria "A", "B", "E" and severity)	
	67	04 Severe bereavement (Meets criteria	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
		"A" and "B", severity (i.e. MQPDEP=3), but MQPG34=1 (i.e., depressed spells only due to death)	
	17	05 Non-severe bereavement (Meets criteria "A" and "B" but not severity (i.e. MQPDEP=2) and MQPG34=1	
	338	88 Blank but applicable	
	22538	Blank	
5017-5018 MQPFDDP		The age first depressive symptoms occurred (MQPG32) if ever met criteria for any major depressive episode (2 <= MQPDEP <= 5).	See note
	734	04-39 years old	
	338	88 Blank but applicable	
	30239	Blank	
5019-5020 MQPLDDP		The age last depressive symptoms occurred (MQPG35 to MQPG37) if ever met criteria for any major depressive episode (2 <= MQPDEP <= 5).	See note
	214	10-38 years old	
	286	51 Last episode within last 2 weeks	
	35	52 Last episode 2 weeks to 1 month ago	
	114	53 Last episode 1 to 6 months ago	
	85	54 Last episode 6 months to 1 year ago	
	338	88 Blank but applicable	
	30239	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
5021-5022 MQPDPSX2		The total number of positive depression symptom GROUPS ever. This is not used for diagnosis. This is the sum of any group where MQPDGP1L to MQPDGP8L has at least one positive symptom. The dysphoria symptom (MQPDYSFR) is also counted.	See note
	2183	00	
	1734	01	
	1321	02	
	943	03	
	792	04	
	555	05	
	427	06	
	278	07	
	162	08	
	54	09	
	324	88 All blank but applicable	
	22538	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
		The set of scored variables for manic episode are as follows:	
5023 MQPMNG1W		During worst episode of mania, were there positive hyperactive (MQPG42W=1) or hypersexual (MQPG44W=1) symptoms?	See note
	177	1 Yes	
	8269	2 No	
	327	8 Blank but applicable	
	22538	Blank	
5024 MQPMNG2W		During worst episode of mania, was there a positive push of speech (MQPG45W=1) symptom?	See note
	104	1 Yes	
	8343	2 No	
	326	8 Blank but applicable	
	22538	Blank	
5025 MQPMNG3W		During worst episode of mania, was there a positive racing thoughts (MQPG46W=1) symptom?	See note
	158	1 Yes	
	8289	2 No	
	326	8 Blank but applicable	
	22538	Blank	
5026 MQPMNG4W		During worst episode of mania, were there special gifts or powers (MQPG47W=1)?	See note
	23	1 Yes	
	8424	2 No	
	326	8 Blank but applicable	
	22538	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
5027 MQPMNG5W		During worst episode of mania, was there a reduced need for sleep (MQPG48W=1)?		See note
	171	1	Yes	
	8276	2	No	
	326	8	Blank but applicable	
	22538	Blank		
5028 MQPMNG6W		During worst episode of mania, was there distractibility (MQPG49W=1)?		See note
	218	1	Yes	
	8229	2	No	
	326	8	Blank but applicable	
	22538	Blank		
5029 MQPMNG7W		During worst episode of mania, were there spending sprees (MQPG43W=1)?		See note
	83	1	Yes	
	8364	2	No	
	326	8	Blank but applicable	
	22538	Blank		
5030-5031 MQPMNGSW		The total number of positive manic symptom groups, i.e. groups MQPMNG1W to MQPMNG7W, during the worst episode.		See note
	8136	00		
	29	01		
	77	02		
	109	03		
	63	04		
	27	05		
	5	06		
	1	07		
	326	88	All blank but applicable	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
5032 MQPEUFOR		The DSM-III indicator for at least one week euphoric or irritable. This corresponds to the "A" criterion in DSM-III.	See note
	7961	0 No	
	215	1 Irritable (MQPG54 = 1 (Yes))	
	271	2 Euphoric (MQPG41L = 1 (Yes))	
	326	8 All blank but applicable	
	22538	Blank	
5033-5034 MQPMNSX1		The total number of positive symptoms in the worst episode of mania. (MQPMNSX1 = MQPMNGSW + 1 if irritable or euphoric for one week (1 <= MQPEUFOR <= 2)	See note
	7958	00	
	178	01	
	30	02	
	78	03	
	107	04	
	63	05	
	27	06	
	5	07	
	1	08	
	326	88 Blank but applicable	
	22538	Blank	
5035-5036 MQPMANIA		The DSM-III diagnosis of a manic episode (This is NOT the diagnosis of Bipolar Disorder). - Criterion "A" and "B" (MQPEUFOR): - The minimum severity requirement is that these symptoms cause help seeking or impairment (at least one "yes" to MQPG57-MQPG60). - Criterion "C", "D" and "E" are not assessed.	See note
	8326	01 No diagnosis of manic episode (does	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
			not meet criteria)	
	44	02	Non-severe manic episode, meets Criteria "A" and "B" but not severity	
	77	03	Severe manic episode (Criteria "A", "B" and severity)	
	326	88	Blank but applicable	
	22538	Blank		
5037-5038 MQPFDMN		The age first manic symptoms occurred (MQPG61) if ever met criteria for any manic episode (2 <= MQPMANIA <= 3).		See note
	121	01-39	years old	
	326	88	Blank but applicable	
	30864	Blank		
5039-5040 MQPLDMN		The age last manic symptoms occurred (MQPG62 to MQPG64) if ever met criteria for any manic episode (2 <= MQPMANIA <= 3).		See note
	19	15-37	years old	
	46	51	Last episode within last 2 weeks	
	14	52	Last episode 2 weeks to 1 month ago	
	28	53	Last episode 1 to 6 months ago	
	14	54	Last episode 6 months to 1 year ago	
	326	88	Blank but applicable	
	30864	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
5041-5042 MQPMNSX2		The total number of positive mania symptoms ever. This is NOT used for diagnosis. For this count, questions MQPG42L to MQPG49L are grouped into DSM-III groups 1 to 7 and the number of positive groups is counted. The euphoria or irritability symptom (1 <= MQPEUFOR <= 2) is also counted.	See note
	4821	00	
	1830	01	
	923	02	
	373	03	
	290	04	
	129	05	
	61	06	
	17	07	
	3	08	
	326	88 All blank but applicable	
	22538	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
		The set of scored variables for single and recurrent episodes of major depression are as follows:	
5043-5044 MQPDEPSE		The DSM-III diagnosis of single episode of major depression: - Single episode of major depression, without bereavement. - The diagnosis is NOT made if there has ever been evidence of mania.	See note
	8249	01 No major depressive episode diagnosed (MQPDEP=1) although there could be severe or non-severe bereavement (MQPDEP=4 or 5) or some form of mania was diagnosed (MQPMANIA=2 or 3).	
	19	02 Single episode (MQPG27=1) of major depression without severity (MQPDEP=2) and no manic episodes (MQPMANIA=1)	
	159	03 Single episode (MQPG27=1) of severe major depression (MQPDEP=3) and no manic episodes (MQPMANIA=1)	
	346	88 Blank but applicable	
	22538	Blank	
5045-5046 MQPFDDSE		The age first depressive symptoms occurred (MQPFDDP) if ever met criteria for any single episode of major depression (2 <= MQPDEPSE <= 3).	See note
	178	06-39 years old	
	338	88 Blank but applicable	
	30795	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
5047-5048 MQPLDDSE		The age last depressive symptoms occurred (MQPLDDP) if ever met criteria for any single episode of major depression (2 <= MQPDEPSE <= 3).	See note
	75	14-38 years old	
	52	51 Last episode within last 2 weeks	
	5	52 Last episode 2 weeks to 1 month ago	
	27	53 Last episode 1 to 6 months ago	
	19	54 Last episode 6 months to 1 year ago	
	338	88 Blank but applicable	
	30795	Blank	
5049-5050 MQPDEPRT		The DSM-III diagnosis of recurrent major depression, without bereavement. - There must be more than one episode of major depression, without bereavement. - The diagnosis is NOT made if there has ever been evidence of mania.	See note
	8032	01 No recurrent major depressive episode (MQPDEP=1) although there could be severe or non-severe bereavement (MQPDEP=4 or 5) or some form of mania (MQPMANIA=2 or 3)	
	41	02 Recurrent episodes (2 <= MQPG27 <= (whole life) or don't know how many spells) of major depression without severity (MQPDEP=2) and no manic episodes (MQPMANIA=1)	
	362	03 Recurrent episodes (2 <= MQPG27 <= (whole life) or don't know how many spells) of major depression with severity (MQPDEP=3) and no manic episodes (MQPMANIA=1).	
	338	88 Blank but applicable	
	22538	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
5051-5052 MQPFDDRT		The age first depressive symptoms occurred (MQPFDDP) if ever met criteria for any recurrent episodes of major depression (2 <= MQPDEPRT <= 3.	See note
	403	04-37 years old	
	338	88 Blank but applicable	
	30570	Blank	
5053-5054 MQPLDDRT		The age last depressive symptoms occurred (MQPLDDP) if ever met criteria for any recurrent episodes of major depression (2 <= MQPDEPRT <= 3.	See note
	101	14-37 years old	
	169	51 Last episode within last 2 weeks	
	24	52 Last episode 2 weeks to 1 month ago	
	61	53 Last episode 1 to 6 months ago	
	48	54 Last episode 6 months to 1 year ago	
	338	88 Blank but applicable	
	30570	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
		The set of scored variables for dysthymia are as follows:		
5055 MQPDYSA		Two years or more of predominately depressive mood or loss of interest. MQPDYSA encompasses DSM-III criteria "A", "B", and "C", so either MQPG03=1 (Yes) or 104 weeks <= MQPG26 <= whole life.		See note
	1003	1	Yes	
	7446	2	No	
	324	8	Blank but applicable	
	22538	Blank		
5056-5057 MQPDYSD		The DSM-III definition of Criterion D for dysthymic disorder contains 13 symptoms, at least three (3 <= MQPDYSD <= 7) of which must be present during the depressive periods in order to qualify for a diagnosis. Only seven of these 13 symptoms are approximated by the following NHANES questions.		See note
	3157	00		
	2029	01		
	1260	02		
	863	03		
	533	04		
	355	05		
	194	06		
	58	07		
	324	88	All blank but applicable	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
5058-5059 MQPDYSTH		The DSM-III diagnosis of dysthymic disorder. - Criteria "A", "B" and "C" are encompassed by the variable MQPDYSA, i.e. MQPG03=1 (Yes) or 104 weeks <= MQPG26 <= whole life. (see above). - Criterion "D" requires 3 or more symptoms (3 <= MQPDYSD <= 7). - Criterion "E", absence of psychosis, cannot be assessed. - Criterion "F" is not assessed.	See note
	7837	01 No diagnosis of dysthymic disorder (does not meet criteria)	
	335	02 Dysthymic disorder, meets Criteria A, B, C, D but no depressive episode (MQPDEP not equal 3)	
	277	03 Dysthymic disorder, meets Criteria A, B, C, D and has depressive episode (MQPDEP=3)	
	324	88 Blank but applicable	
	22538	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
		The set of scored variables for bipolar disorder are as follows:		
5060-5061 MQPBIPOL		The DSM-III diagnosis of bipolar disorder: the diagnosis is made only if there has ever been a manic episode.		See note
	8324	01	No bipolar disorder was diagnosed if there has never been a diagnosis of manic episode.	
	47	02	Bipolar disorder if severity and exclusion criteria are met for both a manic and a depressive episode (MQPMANIA=3 and MQPDEP=3).	
	30	03	Bipolar disorder if severity and exclusion criteria are met for a manic episode (MQPMANIA=3), but a depressive episode is either absent (MQPDEP=1, 4 or 5) or the diagnosis is missing (MQPDEP=Blank or 88).	
	22	05	Bipolar disorder if no manic episode met both severity and exclusion criteria (MQPMANIA=2) and a depressive episode is either absent (MQPDEP=1, 4 or 5) or the diagnosis is missing (MQPDEP=Blank or 88).	
	22	06	Bipolar disorder if no manic episode met both severity and exclusion criteria (MQPMANIA=2) and the depressive episodes may or may not meet both severity and exclusion criteria (MQPDEP=2 or 3)	
	328	88	Blank but applicable (when MQPMAINA =Blank or 88)	
	22538	Blank		

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
5062-5063 MQPFDBI		The age first manic symptoms occurred (MQPFDMN) when 2 <= MQPBIPOL <= 6 OR age first depressive symptoms occurred (MQPFDDP) if MQPBIPOL=2, 4 or 6 and 0 <= MQPFDDP <= MQPFDMN.	See note
	121	01-39 years old	
	325	88 Blank but applicable	
	30865	Blank	
5064-5065 MQPLDBI		The age last manic symptoms occurred (MQPLDMN) when 2 <= MQPBIPOL <= 6 OR age last depressive symptoms occurred (MQPLDDP) if MQPBIPOL=2, 4 or 6 and MQPLDDP >= 0 and MQPLDMN <= MQPLDDP <= 54.	See note
	16	15-37 years old	
	46	51 Last episode within last 2 weeks	
	14	52 Last episode 2 weeks to 1 month ago	
	29	53 Last episode 1 to 6 months ago	
	16	54 Last episode 6 months to 1 year ago	
	325	88 Blank but applicable	
	30865	Blank	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code		Notes
		The set of scored variables for atypical bipolar disorder are as follows:		
5066-5067 MQPBIPII		The DSM-III diagnosis of atypical bipolar disorder or Bipolar type II is only made if the respondent: - Does not meet criteria for bipolar disorder (MQPBIPOL=1). - Does not meet criteria for mania (MQPMANIA=1). - Has major depression (MQPDEP=2 or 3). - Has euphoria or irritability (1 <= MQPEUFOR <= 2) - Has some symptoms of mania (1 <= MQPMNGSW <= 3)		See note
	8333	01	No atypical bipolar disorder if there has ever been a diagnosis of manic episode (2 <= MQPMANIA <= 3) or bipolar disorder (2 <= MQPBIPOL <= 6) and a major depressive episode is absent or missing (MQPDEP=1, 4, 5, 88 or Blank)	
	8	02	Non-severe atypical bipolar disorder if a non-severe depressive episode is present (MQPDEP=2) AND the criteria for a manic episode is not met (MQPMANIA=1) but euphoria or irritability is present (1 <= MQPEUFOR <= 2) and some manic symptoms are present (1 <= MQPMNGSW <= 3).	
	94	03	Severe atypical bipolar disorder if a severe depressive episode is present (MQPDEP=3) AND the criteria for a manic episode is not met	

DIAGNOSTIC INTERVIEW SCHEDULE (DIS)

Positions SAS name	Counts	Item description and code	Notes
		(MQPMANIA=1) but euphoria or irritability is present (1 <= MQPEUFOR <= 2) and some manic symptoms are present (1 <= MQPMNGSW <= 3).	
	338	88 Blank but applicable This variable was coded Blank but applicable if one of the following is true: 1. MQPBIPII=1 and MQPDEP=(Blank or 88) 2. MQPBIPII=1 and MQPMANIA=(Blank or 88) and MQPDEP=3	
	22538	Blank	
5068-5069 MQPFDBII		The age first depressive symptoms occurred (MQPFDDP) if ever met criteria for any atypical bipolar disorder (2 <= MQPBIPII <= 3).	See note
	102	06-39 years old	
	338	88 Blank but applicable	
	30871	Blank	
5070-5071 MQPLDBII		The age last depressive symptoms occurred (MQPLDDP) if ever met criteria for any atypical bipolar disorder (2 <= MQPBIPII <= 3).	See note
	23	14-35 years old	
	47	51 Last episode within last 2 weeks	
	5	52 Last episode 2 weeks to 1 month ago	
	14	53 Last episode 1 to 6 months ago	
	13	54 Last episode 6 months to 1 year ago	
	338	88 Blank but applicable	
	30871	Blank	

NOTES

MQPDLANG: Language used to conduct DIS

MQPDLANG is the language in which the DIS portion of the interview was conducted and it is exactly the same as MQPLANG (the language of the MEC interview) except when a comment indicated that the DIS portion of the interview had been conducted in Spanish. There were 41 adults and 32 youth where this change was made in the study. Most Hispanic youth spoke English fluently enough that a Spanish translation was not necessary, therefore, no computerized version of the youth interview was available in Spanish. It was only given on hard copy. MQPDLANG was set to 4, Spanish Youth, only if the variable DMAETHNR was greater than or equal to 3 and MQPLANG was equal to 3, and the examination was given on hard copy (MQPHCFLG=1) or a specific comment was made that indicates the interview was given in Spanish.

MQPDPFLG, MQPMNFLG: Depression and mania completeness flags

When a code of "1" is given to the depression (MQPDPFLG) or mania (MQPMNFLG) completeness flag, the respondent only answered the lifetime symptom questions (16 for depression and 9 for mania) and any appropriate probe questions. It was then determined in MQPG21, a check item, that there were not enough positive symptom groups to continue asking questions (MQPG21=3 or MQPG50=3 for depression and mania, respectively). The diagnosis of major depressive episode (MQPDEP) or manic episode (MQPMANIA), respectively, is set to "No."

When a code of "2" is given to the depression (MQPDPFLG) or mania (MQPMNFLG) completeness flag, the respondent answered not only the lifetime symptom questions (16 for depression and 9 for mania) and any appropriate probe questions but also one or more of the questions concerning clustering of the positive symptom groups. These sample persons can skip out of the section at several different points, but they never answer questions past MQPG26 or MQPG55, respectively, and they cannot have a positive diagnosis for major depressive episode (MQPDEP) or manic episode (MQPMANIA). The diagnosis of major depressive episode or manic episode, respectively, is set to "No."

When a code of "3" is given to the depression (MQPDPFLG) or mania (MQPMNFLG) completeness flag, the respondent answered not only the lifetime symptom questions (16 for depression and 9 for mania) and any appropriate probe questions but also all the questions concerning clustering of the positive symptom groups and the worst episode. These sample persons should have answers to all questions in their respective sections and have the chance for a positive

diagnosis for major depressive episode (MQPDEP) or manic episode (MQPMANIA). The diagnosis of major depressive episode ranges from 1-5 and the diagnosis of manic episode ranges from 1-3.

When a code of "4" is given, the lifetime symptoms were completed and the sample person met criteria to continue answering questions (MQPG21=1 or 2), but the remaining section of questions needed to make a diagnosis were not ascertained (blank, but applicable) or were all answered "don't know." This is not the same as MQPG21=3 or MQPDPFLG=1 where sample persons only answered the lifetime symptom questions because they did not have enough positive symptoms to qualify to answer the remaining questions.

When a code of "5" is given, the depression and/or mania section should have been given, but was not, so all fields are filled with 8's (blank but applicable).

Lastly, a blank in this field indicates the sample person was not in the acceptable age range and was not eligible for the depression or mania questions.

In short, the flags divide the data into five groups:

1. Lifetime symptoms answered, insufficient number positive to ask clustering questions

2. Sufficient lifetime symptoms present but do not cluster in spells of sufficient duration

3. Sufficient lifetime symptoms present and cluster in spells of sufficient duration, and may or may not meet criteria for positive diagnosis

4. Sufficient lifetime symptoms present but no information available if cluster in spells of sufficient duration - missing diagnosis

5. No information available, but should have been collected - missing diagnosis

Blank values appear where the DIS not applicable.

MQPHCFLG: Hard copy flag

Although in almost all circumstances the DIS section of the interview was given using the computerized version, there were certain situations where a paper copy was used. This would occur only when there was a computer failure or for youth who required a Spanish version. These interviews are considered valid, but responses to probe questions were not recorded, and are therefore set to 8's (blank but

applicable).

MQPG0501-MQPG1301, MQPG05L-MQPG12L, MQPG1501-MQPG1601, MQPG14L-MQPG20L: Lifetime symptoms of depression

The questionnaire inquires whether a symptom has occurred at any time in life (G5-G20). Each of these DIS symptom questions can take a value of "1-4." The value "2" means the respondent said "No" or "Don't know." If the respondent said "Yes," additional "probe" questions were asked. First, the respondent was asked if they told a doctor about the symptom. The answer to this probe question is included after each respective lifetime symptom. When the interview was given on hard copy (i.e., not by computer - See MQPHCFLG, a flag for hard copy), no probe questions were recorded so the probe questions are filled with 8's (blank but applicable).

The respondent was then asked if the symptom was always due to a physical illness or injury (this included pregnancy). If the respondent said "Yes," then a "4" was coded. If the respondent said "No," then he/she was next asked whether the symptom always occurred when he/she used medicine, alcohol, or drugs. If the respondent said "Yes," then a "3" was coded. If the respondent said "No," then a "1" was coded. A value of "1" indicates that the possibility of this being a symptom of a mental disorder cannot be ruled out. Additional probes were asked for G13. (See notes for MQPG1302-MQPG1304.)

As a word of caution, in the Spanish version of question G8, "Have you ever had a period of two weeks or more when you had trouble falling asleep, staying asleep, or with waking up too early?," the phrase used for "falling asleep" really meant "staying asleep" rather than what was intended. Still another phrase was used for the part of the question "staying asleep." Consequently, "staying asleep" was well covered and "falling asleep" was not. There is no way to tell to what extent this affected the number of positive responses.

MQPDGP1L-MQPDGP8L: Summary questions

The lifetime depressive symptom questions (G5-G20) are arranged in eight groups, each of which approximates one of the diagnostic criteria in Section B of the definition of a major depressive episode from the American Psychiatric Association's Diagnostic and Statistical Manual, Third Edition (DSM-III).

MQPDGP1L- MQPDGP8L are the eight summary variables which indicate the number of positive (1's) lifetime symptoms in

each of the respective groups.

MQPG13L, MQPG1302-MQPG1304: Decreased interest in sex

If the respondent answered "Yes" to the initial question (G13: decreased interest in sex), a series of additional questions was asked (MQPG1302- MQPG1304). If the respondent answered "No" to all three questions, then a code "6" (yes, but wasn't bothered) was entered for G13, indicating that the symptom was below the diagnostic threshold. If the respondent answered "Yes" to any one of these three additional questions, then the normal "probe" questions were asked, leading to an assignment of values 1, 3, 4, that is, whether the symptom was always due to physical illness or injury or medicine, alcohol, or drugs; any remaining parts of MQPG1302-MQPG1304 were skipped after a "Yes" response to any one of the probes.

If the respondent volunteered that he/she had never been interested in sex, the value "5" (no interest ever) was coded.

MQPG21-MQPG25: Depression module decision points

Item G21 asks the interviewer whether three or more summary groups of the possible eight had at least one "Yes" response coded. If there were fewer than three, all the remaining DIS depression questions were skipped and the interviewer moved to the mania questions (G41-G49).

If a respondent had three or more DSM-III symptoms during his/her life (G21), the interviewer asked one of two parallel series of questions to determine whether questions pertaining to the worst depressive episode should be asked. The series of questions are explained below:

Series A, Questions G22, G23, and G26: G21 was coded "1" if there were three or more depressive symptoms and the respondent answered "Yes" to the initial question (G2) about two weeks or more of feeling sad, blue, or depressed. The respondent was then asked G22 about having these problems cluster in time, in the same month. If the answer was "Yes," G26 was asked. If the response to G22 was "No" (meaning the problems did not cluster in the same month), then a second question about temporal clustering was asked (G23). If the respondent again denied having problems cluster ("Yes, never been a period"), the remaining depression questions were skipped and the interviewer moved on to the mania questions. If the respondent said "No, has been a period" to G23, then G26 was asked.

Series B Questions G24, G25, and G26: G21 was coded "2" if there were three or more depressive symptoms and the

respondent answered "No" to the initial question (G2) about ever having had two weeks or more of feeling sad, blue, or depressed. G24 was then asked to determine if several of the depressive symptoms (G5-G20) were clustered together in the same month. If the answer to this was "No," then the remaining DIS depression questions were skipped and the interviewer moved on to the mania questions. If the answer was "Yes" then G25 was asked, which elicits symptoms of "masked depression." If the respondent indicated that he/she felt "low, gloomy, blue, or uninterested" then he/she was asked G26. If the respondent indicated that he/she felt "okay," the remaining DIS depression questions were skipped and the interviewer moved on to the mania questions.

MQPG05W-MQPG20W: Worst episode depressive symptoms

These questions ask about symptoms during the worst episode identified in G40. Each of the questions about a worst depressive episode is parallel to one of the lifetime depression questions: for example, MQPG05L asks "has there ever been a period of two weeks or longer when you lost your appetite?" The corresponding worst episode question, MQPG05W, asks, "Did you lose your appetite?" The worst episode question (in this example, MQPG05W) was only asked if the corresponding lifetime question (in this example, MQPG05L) was coded "1." The worst episode question was coded "Yes" or "No," indicating the presence or absence of the symptom during the worst depressive episode. A diagnosis of major depressive episode was based on the symptoms during the worst depressive episode (MQPG05W-MQPG20W) which are transformed into eight DSM-III symptom groups (MQPDGP1W-MQPDGP8W), and is not based on the lifetime depressive symptoms (MQPG05L-MQPG20L).

MQPG41L-MQPG49L: Lifetime symptoms of mania

The questionnaire inquires about whether a symptom has occurred at any time in life (G41-G49). Each of these (DIS) symptom questions can take a value of "1-3." The value "2" means the respondent said "No" or "don't know." If the respondent said "Yes," two additional "probe" questions were asked. The respondent was asked whether the symptom ever occurred when he/she used medicine, alcohol, or drugs. If the respondent said "Yes," then he/she was next asked whether the symptom always occurred when he/she used medicine, alcohol, or drugs. If the respondent said "Yes," then a "3" was coded. If the respondent said "No" to either question, than a "1" was coded. A value of "1" indicates that the possibility of this being a symptom of a mental disorder cannot be ruled out. When the interview was given on hard copy (i.e., not by computer - See MQPHCFLG, a flag for hard copy), responses to probe questions were not recorded so the probe questions are filled with 8's (blank but applicable).

MQPG47EX: Examples of special gift or power

If the respondent answered "Yes" to G47L, possessing a special gift or power, they were asked for an example. Since a high percentage of the examples given had to do with extra sensory perception (ESP), it was decided to code these examples into two categories, ESP and other. There were not enough examples with similar characteristics to code any other group.

The query regarding special gifts or powers is intended to elicit reports of beliefs about the self which are psychotic in nature. If the example did not meet this precept, the symptom (MQPG47L) was coded "No" and the example deleted.

MQPG50-MQPG54: Mania module decision points

Item G50 asks the interviewer whether two or more lifetime symptoms of the possible eight (MQPG42L- MQPG49L) had at least one response of "1" coded. If there was a "Yes" response of one or less lifetime symptoms, all the remaining mania questions were skipped and the interviewer moved to the next section. The remaining DIS questions were coded as blank.

If a respondent had two or more DSM-III symptoms during his/her life, the interviewer asked one of three parallel series of questions to determine whether questions pertaining to the worst episode of mania should be asked or possibly skipped to the next section. The three series are explained below:

Series A, Questions G51, G52, and G55: G50 was coded "1" if there were two or more symptoms of mania and the respondent answered "Yes" to the initial question (G41) about one week or more of feeling high or manic. The respondent was then asked G51 about having these problems cluster in time, in the same month. If the answer was "Yes," G55 was asked. If the response to G51 was "No" (meaning the problems did not cluster in the same month), then a second question about temporal clustering was asked (G52). If the respondent again denied having problems cluster ("Yes, never been a period"), the remaining mania questions were skipped and the interviewer moved on to the next section. If the respondent said "No, has been a period" to G52, G55 was asked.

Series B, Questions G53-G55: G50 was coded "2" if there were three or more symptoms of mania and the respondent answered "No" or "Always due to medication/drugs/alcohol" to the initial question (G41) about ever having had one week or more of feeling high or manic. G53 was then asked to determine if several of the depressive symptoms (G42-G49)

were clustered together in the same month. If the answer to this was "No," then the remaining DIS mania questions were skipped and the interviewer moved on to the next section. If the answer was "Yes" then G54 was asked, which elicits symptoms of irritable mood. If the respondent indicated that he/she felt "unusually irritable or likely to fight or argue" then he/she was asked G55. If the respondent indicated that he/she never felt irritable, the remaining DIS mania questions were skipped and the interviewer moved on to the next section.

Series C: G50 was coded "3" if: 1) there were only two symptoms of mania coded "1" and the respondent answered "No" or "Always due to medication/drugs/alcohol" to the initial question (G41) about ever having had one week or more of feeling high or manic, i.e., responses "2" or "3;" or, 2)there was only one or less symptoms of mania coded "1." With these combinations, the remaining DIS mania questions were skipped and the interviewer moved on to the next section.

MQPG42W-MQPG49W: Worst episode symptoms of mania

These questions ask about symptoms during the worst episode of mania identified in G66. Each of the questions about a worst episode of mania is parallel to one of the lifetime mania questions: for example, MQPG42L asks "has there ever been a period of a week or more when you were so much more active than usual that you or your family or friends were concerned about it?" The corresponding worst episode question, MQPG42W, asks, "Were you so much more active than usual that you or your family or friends were concerned about it?" The worst episode question (in this example, MQPG42W) was only asked if the corresponding lifetime question (in this example, MQPG42L) was coded "1." The worst episode question was coded "Yes" or "No," indicating the presence or absence of the symptom during the worst episode of mania. A diagnosis of manic episode was based on the symptoms during the worst episode of mania MQPG42W-MQPG49W) which were transformed into seven DSM-III symptom groups (MQPMNG1W-MQPMNG7W), and is not based on the lifetime symptoms of mania (MQPG42L- MQPG49L).

MQPDGP1W-MQPDGP8W, MQPDYSFR, MQPDEP: The diagnostic variable "MQPDEP"

The variable MQPDEP indicates the diagnosis of major depressive episode which is based on Criteria A and B of the DSM-III definition of major depressive episode. Criteria C and D were not assessed, and E was only assessed for bereavement. The minimum severity requirement is that these symptoms cause help-seeking or subjective impairment (at

least one "Yes" to G28-G31).

Criterion A for the diagnosis of major depressive episode in DSM- III calls for "dysphoric mood or loss of interest or pleasure in all or almost all usual activities and pastimes." If the respondent said "Yes" to the initial depression question (G2), or if there were at least two weeks of dysphoria combined with some other problems (G26), then the person was said to have "dysphoria," and was considered to have met Criterion A for the diagnosis of major depressive episode (MQPDYSFR=1).

The DSM-III definition of Criterion B for major depressive episode contains eight symptoms, at least four (4 <=MQPDGPSW <= 8) of which must be present during a depressive episode in order to qualify for a diagnosis. These eight symptoms are approximated by the following NHANES III questions (Note that the DSM-III Symptoms are given in the order that they are asked in the DIS, rather than the order in the DSM-III Manual):

DSM-III Symptom	NHANES III Questions
1. Appetite or weight change	G05W, G06W, or G07W
2. Insomnia or hypersomnia	G08W or G09W
3. Loss or energy, fatigue	G10W
4. Agitation or retardation	G11W or G12W
5. Loss of interest in sex	G13W
6. Feeling worthless or guilty	G14W
7. Trouble thinking, concentrating	G15W or G16W
8. Thoughts of death or suicide	G17W, G18W, G19W, or G20W

MQPDGP1W-MQPDGP8W give the number of positive items per group for the eight corresponding groups above.

Criterion "E" is only assessed by the absence of uncomplicated bereavement as the cause of depression, i.e., depressed spells were never due to the death of someone close to the respondent or they may have been caused by things other than death (MQPG34 = 2).

The variable MQPDEP can take seven values:

1 No diagnosis
2 Major depressive episode without severity
3 Major depressive episode with severity
4 Severe bereavement
5 Non-severe bereavement
88 Blank but applicable
Blank

MQPDEP = 1. No major depressive episode was diagnosed if the respondent answered sufficient questions so that

Criteria A and B could be determined and did not qualify for a diagnosis of major depressive episode or bereavement (as defined below).

MQPDEP = 2. Major depressive episode without severity was diagnosed if Criteria A, B and E were met but without severity (all no's for G28-G31).

MQPDEP = 3. Major depressive episode with severity was diagnosed if Criteria A, B, and E were met plus severity (at least one "Yes" to G28-G31).

MQPDEP = 4. Severe bereavement meets Criteria A and B plus severity (i.e., MQPDEP=3), but depressed spells ONLY due to death of someone close (MQPG34=1).

MQPDEP = 5. Non-severe bereavement meets Criteria A and B but not severity (i.e., MQPDEP=2), but depressed spells ONLY due to death of someone close (MQPG34=1).

MQPDEP = 88. The major depressive episode variable was coded a "Blank but applicable" value if the respondent did not answer sufficient questions so that Criteria A and B could be determined. The respondent must answer the initial depression question (MQPG02) and at least 11 of the lifetime symptom questions (MQPG05L-MQPG20L) as well as the appropriate worst episode symptom questions (MQPG05W-MQPG20W).

MQPDEP = Blank. The major depressive episode variable was coded a "Blank" if the sample person was not eligible to receive the depression questions.

MQPDPSX1-MQPDPSX2, MQPDGPSW: Total depressive symptom group counts

The two variables MQPDGPSW and MQPDPSX2 report the total number of positive depressive symptom groups in the worst episode (sum of all groups where MQPDGP1W to MQPDGP8W contained at least one positive symptom) and lifetime (sum of all groups where MQPDGP1L to MQPDGP8L contained at least one positive symptom), respectively. The latter also adds dysphoria (MQPDYSFR=1). These variables range from 0-8 and 0-9, respectively. MQPDGPSW is used in determining the diagnosis of major depressive episode and MQPDPSX2 is used in the total symptom count.

The variable MQPDPSX1 reports the total number of positive symptoms in the worst episode (sum of MQPDGP1W to MQPDGP8W) plus dysphoria (MQPDYSFR=1) with a range of 0-17. (Note that this variable is a sum of positive symptoms, not positive symptom groups.)

MQPFDDP, MQPLDDP: Age of first and last depressive symptoms

The two variables MQPFDDP and MQPLDDP code the age of the respondent the first and last time, respectively, he/she experienced depressive symptoms if he/she ever met criteria for any major depressive episode (2 <= MQPDEP <= 5). MQPFDDP uses the age in MQPG32 and MQPLDDP combine the age and time frame information in MQPG35, MQPG36 and MQPG37.

MQPMNGP1-MQPNMGP7, MQPEUFOR, MQPMANIA: The diagnostic variable "MQPMANIA"

The variable MQPMANIA indicates the diagnosis of manic episode which is based on Criteria A and B of the DSM-III definition of manic episode. Criteria C, D and E were not assessed. The minimum severity requirement is that these symptoms cause help-seeking or subjective impairment (at least one "Yes" in MQPG57-MQPG60).

Criterion A for the diagnosis of manic episode in DSM-III calls for "one or more distinct periods with a predominantly elevated, expansive, or irritable mood." If the respondent said "Yes" to the initial mania question (MQPG41L=1) then the respondent was considered euphoric (MQPEUFOR=2). If the respondent said "Yes" (1) to MQPG54 then the respondent was considered irritable (MQPEUFOR=1).

The DSM-III definition of Criterion B for manic episode requires a duration of at least one week during which, for most of the time, at least three of the seven symptoms have persisted (four if the mood is only irritable) and have been present to a significant degree. These seven symptoms are approximated by the following NHANES III questions:

DSM-III Symptom	NHANES III Questions
1. Hyperactivity/hypersexuality	G42W or G44W
2. Pressure to keep talking	G45W
3. Thoughts racing	G46W
4. Inflated self-esteem e.g., special gifts or powers	G47W
5. Decreased need for sleep	G48W
6. Distractibility	G49W
7. Excessive involvement in activities that have a high potential for painful consequences which is not recognized, e.g., buying sprees	G43W

MQPMNG1W-MQPMNG7W give whether the symptom is present or not for the seven corresponding groups above.

The variable MQPMANIA can take five values:

1 No diagnosis

2 Manic episode without severity
3 Manic episode with severity
88 Blank but applicable
Blank

MQPMANIA = 1. No mania episode was diagnosed if the respondent answered sufficient questions so that Criteria A and B could be determined and did not qualify for a diagnosis of manic episode.

MQPMANIA = 2. Manic episode without severity was diagnosed if Criteria A and B were met but without severity (all no's for MQPG57-MQPG60).

MQPMANIA = 3. Manic episode with severity was diagnosed if Criteria A and B were met as well as severity (at least one "Yes" for MQPG57-MQPG60).

MQPMANIA = 88. The manic episode variable was coded a "Blank but applicable" value if the respondent did not answer sufficient questions so that Criteria A and B could be determined. The respondent must answer the initial mania question (MQPG41), or the irritability question (MQPG54), and at least 6 of the lifetime symptom questions (MQPG41L-MQPG49L) as well as the appropriate worse episode symptom questions (MQPG42W-MQPG49W).

MQPMANIA = Blank. The manic episode variable was coded a "Blank" if the sample person was not eligible to receive the mania questions.

MQPMNGSW, MQPMNSX1-MQPMNSX2: Total manic symptom group counts

The two variables MQPMNGSW and MQPMNSX2 code the total number of positive manic symptom groups in the worst episode (sum of groups MQPMNGP1 to MQPMNGP7 with a "Yes" response) and during lifetime (questions MQPG42L to MQPG49L are grouped into DSM-III groups 1 to 7 and the number of positive groups is counted), respectively. The latter also adds the euphoria or irritability symptom (1 <= MQPEUFOR <= 2). These variables range from 0-7 and 0-8, respectively. MQPMNGSW is used in determining the diagnosis of manic episode and MQPMNSX2 is used in the total symptom count.

The variable MQPMNSX1 reports the total number of positive symptoms in the worst episode (sum of MQPMNGP1 to MQPMNGP8) plus euphoria or irritable mood (1 <= MQPEUFOR <= 2) with a range of 0-8. (Note that this variable is a sum of positive symptoms, not positive symptom groups).

MQPFDMN, MQPLDMN: Age of first and last manic symptoms

The two variables MQPFDMN and MQPLDMN report the age of the respondent the first and last time, respectively, he/she

experienced manic symptoms if he/she ever met criteria for any manic episode (2 <= MQPMANIA <= 3). MQPFDMN uses the age in MQPG61 and MQPLDMN combines the age and time frame information in MQPG62, MQPG63 and MQPG64.

MQPDEPSE: The diagnostic variable "MQPDEPSE"

The variable MQPDEPSE indicates the DSM-III diagnosis of major depression, single episode, and is constructed using MQPDEP and MQPMANIA. The diagnosis of major depression, single episode is not made if the depression is the sole result of severe or non-severe bereavement (MQPDEP= 4 or 5) or if a manic episode is present (MQPMANIA= 2 or 3). There must be only one episode of major depression.

The variable MQPDEPSE can take five values:

1 No diagnosis
2 Major depression, single episode without severity
3 Major depression, single episode with severity
88 Blank but applicable
Blank

MQPDEPSE = 1. No major depressive episode was diagnosed (MQPDEP=1) although there could be severe or non-severe bereavement (MQPDEP=4 or 5) or some form of mania was diagnosed (MQPMANIA=2 or 3).

MQPDEPSE = 2. A single episode (MQPG27=1) of major depression without severity was diagnosed (MQPDEP=2) and no manic episodes were present (MQPMANIA=1). MQPDEPSE = 3. A single episode (MQPG27=1) of major depression with severity was diagnosed (MQPDEP=3) and no manic episodes were present (MQPMANIA=1).

MQPDEPSE = 88. The major depression, single episode variable was coded "Blank but applicable" if one of the following is true:

1. MQPDEPSE=1 and MQPBIPOL= (Blank or 88) and MQPDEP= (Blank or 88)
2. MQPDEPSE=1 and MQPBIPOL= (Blank or 88) and MQPDEP=3
3. MQPDEPSE=1 and MQPBIPOL=1 and MQPDEP= (Blank or 88)
4. MQPDEPSE=1 and MQPBIPOL=1 and MQPDEP=3 and MQPG27= (Blank, 888, or 999)

MQPDEPSE = Blank. The major depression, single episode variable was coded a "Blank" if the sample person was not eligible to receive the depression/mania questions.

MQPFDDSE, MQPLDDSE: Age of first and last depressive symptoms associated with major depression, single episode

The two variables MQPFDDSE and MQPLDDSE code the age of the respondent the first and last time, respectively, he/she experienced depressive symptoms if he/she ever met criteria for a major depression, single episode which was not due solely to bereavement (2 <= MQPDEPSE <= 3). MQPFDDSE uses the age in MQPFDDP and MQPLDDSE uses the age in MQPLDDP.

MQPDEPRT: The diagnostic variable "MQPDEPRT"

The variable MQPDEPRT indicates the DSM-III diagnosis of major depression, recurrent, and is constructed using MQPDEP and MQPMANIA. The diagnosis of major depression, recurrent, is not made if the depression is the sole result of severe or non-severe bereavement (MQPDEP=4 or 5) or if a manic episode is present (MQPMANIA= 2 or 3). There must be more than one episode of major depression.

The variable MQPDEPRT can take five values:

1	No diagnosis
2	Major depression, recurrent without severity
3	Major depression, recurrent with severity
88	Blank but applicable
Blank	

MQPDEPRT = 1. No major depressive episode was diagnosed (MQPDEP=1) although there could be severe or non-severe bereavement (MQPDEP=4 or 5) or some form of mania was diagnosed (MQPMANIA=2 or 3).

MQPDEPRT = 2. Recurrent episodes (2 <= MQPG27 <= (whole life) or don't know how many spells) of major depression without severity were diagnosed (MQPDEP=2) and no manic episodes were present (MQPMANIA=1).

MQPDEPRT = 3. Recurrent episodes (2 <= MQPG27 <= (whole life) or don't know how many spells) of major depression with severity were diagnosed (MQPDEP=3) and no manic episodes were present (MQPMANIA=1).

MQPDEPRT = 88. The major depression, recurrent variable was coded "Blank but applicable" if one of the following is true:

1. MQPDEPRT=1 and MQPBIPOL= (Blank or 88) and MQPDEP= (Blank or 88)
2. MQPDEPRT=1 and MQPBIPOL= (Blank or 88) and MQPDEP=3
3. MQPDEPRT=1 and MQPBIPOL=1 and MQPDEP= (Blank or 88)
4. MQPDEPRT=1 and MQPBIPOL=1 and MQPDEP=3 and MQPG27= (Blank, 888, or 999)

MQPDEPRT = Blank. The major depression, recurrent variable was coded a "Blank" if the sample person was not eligible to

receive the depression/mania questions.

MQPFDDRT, MQPLDDRT: Age of first and last depressive symptoms associated with major depression, recurrent

The two variables MQPFDDRT and MQPLDDRT report the age of the respondent the first and last time, respectively, he/she experienced depressive symptoms if he/she ever met criteria for major depression, recurrent, which was not due solely to bereavement (2 <= MQPDEPRT <= 3). MQPFDDRT uses the age in MQPFDDP and MQPLDDRT uses the age in MQPLDDP.

MQPDYSA, MQPDYSD, MQPDYSTH: The diagnostic variable "MQPDYSTH"

The variable MQPDYSTH indicates the diagnosis of dysthymic disorder. The diagnosis of dysthymic disorder is based on Criteria A through D of the DSM-III definition of dysthymic disorder. Criteria E and F were not assessed. This disorder differs from major depressive disorder in that during the past two years, the individual has been bothered most or all of the time by symptoms characteristic of the depressive syndrome but that are not of sufficient severity and duration to meet the criteria for a major depressive episode.

Criteria A, B, and C of the DSM-III are encompassed in the variable MQPDYSA. This requires two years or more of predominately depressive mood or marked loss of interest or pleasure in all, or almost all, usual activities and pastimes (MQPG03=1 or 104 weeks <= MQPG26 <= whole life).

The DSM-III definition of Criterion D for dysthymic disorder contains 13 symptoms, at least three (3 <= MQPDYSD <= 7) of which must be present during the depressive periods in order to qualify for a diagnosis. Seven of these symptoms are covered by the following NHANES III questions.

DSM-III Symptom	NHANES III Questions
1. Insomnia or hypersomnia	G08L or G09L
2. Low energy, chronic tiredness	G10L
3. Feeling inadequate/low self-esteem	G14L
5. Trouble thinking	G15L or G16L
7. Less interest in pleasurable activities	G13L
10. Less active or talkative	G11L or G12L
13. Recurrent thoughts of death or suicide	G17L or G18L or G19L

DSM-III symptoms not available in the NHANES III

4. Decreased effectiveness
6. Social withdrawal

8. Irritability
9. Lack of pleasure in rewards
11. Brooding about the past or self-pity
12. Crying spells

The variable MQPDYSTH can take five values:

1 No diagnosis
2 Dysthymic disorder with no major depressive episode
3 Dysthymic disorder with major depressive episode
88 Blank but applicable
Blank

MQPDYSTH = 1. No dysthymic disorder was diagnosed if the respondent answered sufficient questions so that Criteria A through D could be determined and did not qualify for a diagnosis of dysthymic disorder.

MQPDYSTH = 2. Dysthymic disorder was diagnosed if the respondent met Criteria A through D but did not have a diagnosis of major depressive episode (MQPDEP not equal to 3).

MQPDYSTH = 3. Dysthymic disorder was diagnosed if the respondent met Criteria A through D and had a diagnosis of major depressive episode as well (MQPDEP = 3).

MQPDYSTH = 88. The dysthymic disorder variable was coded a "Blank but applicable" value if the respondent did not answer sufficient questions so that Criteria A through D could be determined. The respondent must answer the initial two year depression question MQPG03 or the length of spell question MQPG26 and at least nine of the 12 lifetime symptom questions listed above for Criterion D plus MQPG03.

MQPDYSTH = Blank. The dysthymic disorder variable was coded a "Blank" if the sample person was not eligible to receive the depression questions.

MQPBIPOL: The diagnostic variable "MQPBIPOL"

The variable MQPBIPOL indicates the DSM-III diagnosis of bipolar disorder, and is constructed using MQPDEP and MQPMANIA. The diagnosis of bipolar disorder is made only if there has ever been a manic episode.

The variable MQPBIPOL can take eight values:

MQPBIPOL = 1. No bipolar disorder was diagnosed if there has never been a diagnosis of manic episode.

MQPBIPOL = 2. Bipolar disorder is diagnosed if severity and exclusion criteria are met for both a manic and a major

depressive episode (MQPMANIA=3 and MQPDEP=3).

MQPBIPOL = 3. Bipolar disorder is diagnosed if severity and exclusion criteria are met for a manic episode (MQPMANIA=3), but a major depressive episode is either absent (MQPDEP=1, 4 or 5) or the diagnosis is missing (MQPDEP=Blank or 88).

MQPBIPOL = 4. Bipolar disorder is diagnosed if severity and exclusion criteria are met for a manic episode (MQPMANIA=3), but not for a major depressive episode (MQPDEP=2).

MQPBIPOL = 5. Bipolar disorder is diagnosed if no manic episode met both severity and exclusion criteria (MQPMANIA=2) and a major depressive episode is either absent (MQPDEP=1, 4 or 5) or the diagnosis is missing (MQPDEP=Blank or 88).

MQPBIPOL = 6. Bipolar disorder is diagnosed if no manic episode met both severity and exclusion criteria (MQPMANIA=2) and the major depressive episodes may or may not meet both severity and exclusion criteria (MQPDEP=2 or 3).

MQPBIPOL = 88. The bipolar disorder variable was coded a "Blank but applicable" value if the diagnosis for manic episode is missing (MQPMANIA=Blank or 88).

MQPBIPOL = Blank. The bipolar disorder variable was coded a "Blank" if the sample person was not eligible to receive the depression/mania questions.

MQPFDBI, MQPLDBI: Age of first and last manic symptoms associated with bipolar disorder

The two variables MQPFDBI and MQPLDBI report the age of the respondent the first and last time, respectively, he/she experienced manic symptoms if he/she ever met criteria for any bipolar diagnosis (2 <= MQPBIPOL <= 6). MQPFDBI uses age at first manic symptoms (MQPFDMN) when 2 <= MQPBIPOL <= 6 or age at first depressive symptoms (MQPFDDP) if MQPBIPOL=2, 4 or 6 and 0 <= MQPFDDP <= MQPFDMN. MQPLDBI uses age at last manic symptoms (MQPLDMN) when 2 <= MQPBIPOL <= 6 or age at last depressive symptoms (MQPLDDP) if MQPBIPOL=2, 4 or 6 and MQPLDDP >= 0 and MQPLDMN <= MGPLDDP <= 54.

MQPBIPII: The diagnostic variable "MQPBIPII"

The variables MQPDEP and MQPMANIA report the DSM- III syndromes of major depressive episode and manic episode, respectively, and are used to construct various DSM-III diagnoses. The variable MQPBIPII is the DSM-III diagnosis of atypical bipolar disorder (bipolar disorder, type II). The diagnosis of atypical bipolar disorder is made only if

the respondent:

1. Does not meet criteria for bipolar disorder (MQPBIPOL=1)

2. Does not meet criteria for a manic episode (MQPMANIA=1)

3. Has a major depressive episode (MQPDEP=2 or 3)

4. Has euphoria or irritability (1 <= MQPEUFOR <= 2)

5. Has some symptoms of mania (1 <= MQPMNGSW <= 3)

The variable MQPBIPII can take five values:

1	No diagnosis
2	Atypical bipolar disorder without severity
3	Atypical bipolar disorder with severity
88	Blank but applicable
Blank	

MQPBIPII = 1. No atypical bipolar disorder is diagnosed if there has ever been a manic episode (2 <= MQPMANIA <= 3) or bipolar disorder (2 <= MQPBIPOL <= 6) and a major depressive episode is absent or missing (MQPDEP=1, 4, 5, 88, or Blank).

MQPBIPII = 2. Atypical bipolar disorder without severity is diagnosed if a major depressive episode without severity is present (MQPDEP=2) and the criteria for a manic episode is not met (MQPMANIA=1) but euphoria or irritability is present (1 <= MQPEUFOR <= 2) and some manic symptoms are present (1 <= MQPMNGSW <= 3).

MQPBIPII = 3. Atypical bipolar disorder with severity is diagnosed if a major depressive episode with severity is present (MQPDEP=3) and the criteria for a manic episode is not met (MQPMANIA=1) but euphoria or irritability is present (1 <= MQPEUFOR <= 2) and some manic symptoms are present (1 <= MQPMNGSW <= 3).

MQPBIPII = 88. The atypical bipolar disorder variable was coded "Blank but applicable" if one of the following is true:

MQPBIPII=1 and MQPDEP= (Blank or 88)

2. MQPBIPII=1 and MQPMANIA= (Blank or 88) and MQPDEP=3

MQPBIPII = Blank. The atypical bipolar disorder variable was coded a "Blank" if the sample person was not eligible to receive the depression/mania questions.

MQPFDBII, MQPLDBII: Age of first and last manic symptoms associated with atypical bipolar disorder

The two variables MQPFDBII and MQPLDBII report the age of the respondent the first and last time, respectively, he/she experienced depressive symptoms if he/she ever met criteria for any atypical bipolar disorder diagnosis (2 <= MQPBIPII<= 3). MQPFDBII uses age at first depressive symptoms (MQPFDDP) and MQPLDBII uses age at last depressive symptoms (MQPLDDP).

MEC ADULT QUESTIONNAIRE (Except DIS)

The MEC Adult Questionnaire was administered to all examinees aged 17 years and older in the mobile examination center (MEC). Conducted by a trained interviewer in a private room to ensure confidentiality, the automated questionnaire included sections on drug, alcohol, and tobacco use, sexual experience, women's reproductive history, and mental health. Because this questionnaire was administered in the examination center, the MEC examination sample weight (WTPFEX6) should be used for data analysis. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Several portions of the MEC Adult Questionnaire were asked of examinees within specific age groups, and others were specific to one gender. For example, the cognitive-function section was administered to examinees 60 years and older, and the birth control-use section was administered only to women. Age and sex check items that were part of the questionnaire have been retained in the documentation and can be used to determine these subsets. One portion of the questionnaire (Section G), the Diagnostic Interview Schedule, was edited and documented separately (see Diagnostic Interview Schedule).

A modified MEC Adult Questionnaire was administered to adults 20 years and older during the interview portion of the Home Examination. It included sections on tobacco use, cognitive function, selected medical conditions, reproductive health, and medicine, vitamin, and mineral usage. Questions from the two interviews can be combined for analysis; however, the analyst should be aware of slight differences between the questionnaires. For example, the reproductive health section of the interview administered in the Home Examination was shorter, and skip patterns were not identical to those in the MEC Adult Questionnaire. For analyses of combined data from the MEC Adult and the Home Examination interviews, MEC+home examination weights (WTPFHX6) should be used (see Home Examination, Interview).

Data processing and editing were performed for the consistency of responses within the sections of the questionnaire. Notes have been provided both for standardized and recoded variables and for variables requiring additional explanation. The notes reference the questions, by section and number, from the questionnaires which can be found in the Plan and Operation of the National Health and Nutrition Examination Survey, 1988-1994 (NCHS, 1994; U.S. DHHS, 1996b).

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION A. TOBACCO

Positions SAS name	Counts	Item description and code	Notes
		First I would like to ask you a few questions about tobacco use.	
5072-5074 MAPA1		How many cigarettes have you smoked in the past 5 days?	
	12423	000 None	
	4756	001-500	
	521	888 Blank but applicable	
	4	999 Don't know	
	13607	Blank	
5075-5077 MAPA2A		How many pipes have you smoked in the past 5 days?	
	17083	000 None	
	100	001-125	
	521	888 Blank but applicable	
	13607	Blank	
5078-5079 MAPA2B		How many cigars have you smoked in the past 5 days?	
	16960	00 None	
	223	01-50	
	520	88 Blank but applicable	
	1	99 Don't know	
	13607	Blank	
5080-5081 MAPA3		How many containers of chewing tobacco or snuff have you used in the past 5 days? (IF BOTH USED, ENTER TOTAL NUMBER.)	
	16688	00 None	
	324	01-13	
	171	77 Less than 1 container	
	519	88 Blank but applicable	
	2	99 Don't know	
	13607	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION A. TOBACCO

Positions SAS name	Counts	Item description and code		Notes
5082-5083 MAPA4		How many pieces of nicotine gum have you chewed in the past 5 days? (Nicotine gum is a sugar-free flavored chewing gum prescribed by a doctor to help people stop smoking or chewing tobacco.)		
	17120	00	None	
	64	01-50		
	519	88	Blank but applicable	
	1	99	Don't know	
	13607	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION B. COGNITIVE FUNCTION - PART A

Positions SAS name	Counts	Item description and code	Notes
5084		CHECK ITEM. REFER TO AGE OF SP.	
MAPB1	12402	1 Less than 60 years old (MAPC1)	
	5302	2 60 years or older	
	13607	Blank	
		Now I'm going to read you a short story and when I'm through I'm going to wait a few seconds and then ask you to tell me as much as you can remember.	See note
		The story is: SLOWLY Three children were alone at home and the house caught on fire. A brave fireman managed to climb in a back window and carry them to safety. Aside from minor cuts and bruises, all were well.	
		PAUSE FOR A FEW SECONDS	
		Please tell me the story.	
		(IDEAS PRESENT IN ANSWER)	
5085		Three children	
MAPB2A	4261	1 Yes, recalled detail	
	793	2 No, did not recall	
	248	8 Blank but applicable	
	26009	Blank	
5086		House on fire	
MAPB2B	3900	1 Yes, recalled detail	
	1154	2 No, did not recall	
	248	8 Blank but applicable	
	26009	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION B. COGNITIVE FUNCTION - PART A

Positions SAS name	Counts	Item description and code		Notes
5087		Fireman climbed in		
MAPB2C	2785	1	Yes, recalled detail	
	2269	2	No, did not recall	
	248	8	Blank but applicable	
	26009	Blank		
5088		Children rescued		
MAPB2D	3969	1	Yes, recalled detail	
	1085	2	No, did not recall	
	248	8	Blank but applicable	
	26009	Blank		
5089		Minor injuries		
MAPB2E	2279	1	Yes, recalled detail	
	2775	2	No, did not recall	
	248	8	Blank but applicable	
	26009	Blank		
5090		Everyone well		
MAPB2F	1453	1	Yes, recalled detail	
	3601	2	No, did not recall	
	248	8	Blank but applicable	
	26009	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION C. SELECTED CONDITIONS/MEDICINE, VITAMIN, AND MINERAL USAGE

Positions SAS name	Counts	Item description and code		Notes
		Next are a few questions about selected health problems and your recent use of medicines, vitamins, and minerals.		
5091 MAPC1		Are you currently trying to lose weight?		
	5506	1	Yes	
	11672	2	No	
	522	8	Blank but applicable	
	4	9	Don't know	
	13607	Blank		
5092 MAPC2		Are you now or in the past 3 months have you been on treatment for anemia, sometimes called "tired blood" or "low blood"? (Include diet, iron pills, iron shots, transfusions as treatment.)		
	419	1	Yes	
	16727	2	No	
	523	8	Blank but applicable	
	35	9	Don't know	
	13607	Blank		
5093-5094 MAPC3		How many colds, flu, diarrhea, vomiting, pneumonia and ear infections have you had in the past 4 weeks?		
	12521	00	None	
	4638	01-32		
	532	88	Blank but applicable	
	13	99	Don't know	
	13607	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION C. SELECTED CONDITIONS/MEDICINE, VITAMIN, AND MINERAL USAGE

Positions SAS name	Counts	Item description and code		Notes
5095-5096 MAPC4		How many times have you donated blood in the past 12 months?		
	16289	00	None (MAPC6)	
	883	01-25		
	525	88	Blank but applicable	
	7	99	Don't know	
	13607	Blank		
5097-5098 MAPC5		How long ago was your last blood donation? (mos)		
	822	01-12		
	57	77	Less than one month ago	
	525	88	Blank but applicable	
	11	99	Don't know	
	29896	Blank		
5099 MAPC6		Have you taken or used any antihistamine medicines in the past 2 days? (Antihistamines are medicines taken for symptoms like sneezing and a runny or itchy nose.)		
	1262	1	Yes	
	15875	2	No	
	526	8	Blank but applicable	
	41	9	Don't know	
	13607	Blank		
5100 MAPC7		Prescription medicines are medicines that cannot be obtained without a doctor's or a dentist's prescription. Have you taken any prescription medicines during the past 24 hours?		
	6181	1	Yes	
	10995	2	No	
	524	8	Blank but applicable	
	4	9	Don't know	
	13607	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION C. SELECTED CONDITIONS/MEDICINE, VITAMIN, AND MINERAL USAGE

Positions SAS name	Counts	Item description and code		Notes
5101 MAPC8		Have you taken any vitamins or minerals during the past 24 hours?		
	3653	1	Yes	
	13515	2	No	
	525	8	Blank but applicable	
	11	9	Don't know	
	13607	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION D. COGNITIVE FUNCTION - PART B

Positions SAS name	Counts	Item description and code	Notes
5102		CHECK ITEM. REFER TO AGE OF SP.	
MAPD1	12402	1 Less than 60 years (MAPE1)	
	5302	2 60 years or older	
	13607	Blank	
		Please recall the short story I read you a few moments ago and tell me as much as you can remember of the story now.	
		(IDEAS PRESENT IN ANSWER)	
5103		Three children	
MAPD2A	3940	1 Yes, recalled detail	
	1107	2 No, did not recall	
	255	8 Blank but applicable	
	26009	Blank	
5104		House on fire	
MAPD2B	3885	1 Yes, recalled detail	
	1162	2 No, did not recall	
	255	8 Blank but applicable	
	26009	Blank	
5105		Fireman climbed in	
MAPD2C	2569	1 Yes, recalled detail	
	2478	2 No, did not recall	
	255	8 Blank but applicable	
	26009	Blank	
5106		Children rescued	
MAPD2D	4069	1 Yes, recalled detail	
	978	2 No, did not recall	
	255	8 Blank but applicable	
	26009	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION D. COGNITIVE FUNCTION - PART B

Positions SAS name	Counts	Item description and code		Notes
	5107	Minor injuries		
MAPD2E	2269	1	Yes, recalled detail	
	2778	2	No, did not recall	
	255	8	Blank but applicable	
	26009	Blank		
	5108	Everyone well		
MAPD2F	1217	1	Yes, recalled detail	
	3830	2	No, did not recall	
	255	8	Blank but applicable	
	26009	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION E. ALCOHOL/DRUG USE

Positions SAS name	Counts	Item description and code		Notes
		These next questions are about drinking alcoholic beverages. Alcoholic beverages include beer, ale, wine, wine coolers, liquor such as whiskey, gin, rum, or vodka, and cocktails and mixed drinks containing liquor.		
5109 MAPE1		In your entire life, have you had at least 12 drinks of any kind of alcoholic beverage? Do not count small tastes.		
	13787	1	Yes	
	3373	2	No (MAPE8)	
	543	8	Blank but applicable	
	1	9	Don't know	
	13607	Blank		
5110 MAPE2		In the past 12 months did you have at least 12 drinks of any kind of alcoholic beverage?		
	7690	1	Yes	
	6095	2	No (MAPE7)	
	545	8	Blank but applicable	
	1	9	Don't know	
	16980	Blank		
5111-5113 MAPE3S		In the past 12 months, how many days of the year did you drink any alcoholic beverages?		See note
	7461	001-365		
	718	888	Blank but applicable	
	57	999	Don't know	
	23075	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION E. ALCOHOL/DRUG USE

Positions SAS name	Counts	Item description and code	Notes
5114-5116 MAPE4		On the average, on the days that you drank alcohol, how many drinks did you have a day? (By a drink, I mean a 12-oz beer, a 4-oz glass of wine, or an ounce of liquor.)	
	7635	001-090	
	572	888 Blank but applicable	
	29	999 Don't know	
	23075	Blank	
5117-5119 MAPE5S		In the past 12 months, how many days of the year did you have 9 or more drinks on a single day?	See note
	5305	000 None	
	2274	001-364	
	581	888 Blank but applicable	
	76	999 Don't know	
	23075	Blank	
5120-5122 MAPE6S		In the past 12 months, how many days of the year did you have 5 or more drinks on a single day? Include all types. (Include the (NUMBER IN MAPE5S) days you had 9 or more drinks.)	See note
	3345	000 None	
	4154	001-365	
	607	888 Blank but applicable	
	130	999 Don't know	
	23075	Blank	
5123 MAPE7		Was there ever a time or times in your life when you drank 5 or more drinks of any kind of alcoholic beverage almost every day?	
	2119	1 Yes	
	11650	2 No	
	548	8 Blank but applicable	
	14	9 Don't know	
	16980	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION E. ALCOHOL/DRUG USE

Positions SAS name	Counts	Item description and code		Notes
5124		CHECK ITEM. REFER TO AGE OF SP.		
MAPE8	5302	1	60 years old or older (MAPF1)	
	12402	2	Less than 60 years old	
	13607	Blank		
		The next few questions are about your experience with drugs.		
5125		Have you ever used marijuana?		
MAPE9	4550	1	Yes	
	7442	2	No (MAPE12)	
	409	8	Blank but applicable	
	1	9	Don't know	
	18909	Blank		
5126		About how many times in your		
MAPE10		lifetime have you used marijuana?		
	952	1	1 or 2	
	1375	2	3 to 10	
	1132	3	11 to 99	
	1086	4	100 or more	
	412	8	Blank but applicable	
	3	9	Don't know	
	26351	Blank		
5127-5128		During the past month, on how		
MAPE11		many days did you use marijuana?		
	3555	00	None in past month	
	993	01-31		
	412	88	Blank but applicable	
	26351	Blank		
5129		Have you ever used crack or		
MAPE12		cocaine in any form?		
	1332	1	Yes	
	10658	2	No (MAPF1)	
	412	8	Blank but applicable	
	18909	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION E. ALCOHOL/DRUG USE

Positions SAS name	Counts	Item description and code		Notes
5130 MAPE13		About how many times in your lifetime have you used crack or cocaine (in any form)?		
	349	1	1 or 2	
	424	2	3 to 10	
	370	3	11 to 99	
	189	4	100 or more	
	412	8	Blank but applicable	
	29567	Blank		
5131-5132 MAPE14		During the past month, on how many days did you use crack or cocaine (in any form)?		
	1102	00	None in past month	
	230	01-30		
	412	88	Blank but applicable	
	29567	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
5133 MAPF1		CHECK ITEM. REFER TO AGE AND SEX OF SP.	
	2587	1 Male 60 years old or older (MAPH1)	
	5719	2 Male less than 60 years old (MAPF50)	
	9398	3 Female	
	13607	Blank	
		The next questions ask about your periods or menstrual cycle and about pregnancy history.	
5134-5135 MAPF2		How old were you when your periods or menstrual cycles started? (yrs)	
	1	00 Haven't started yet (MAPF49)	
	8944	08-24 (MAPF4)	
	281	88 Blank but applicable	
	172	99 Don't know	
	21913	Blank	
5136 MAPF3		Were you younger than 10, 10 to 12, 13 to 15, or 16 or older?	
	1	1 Younger than 10	
	42	2 10 to 12	
	95	3 13 to 15	
	11	4 16 or older	
	281	8 Blank but applicable	
	23	9 Don't know	
	30858	Blank	
5137 MAPF4		Have you ever been pregnant? Please include miscarriages, stillbirths, tubal pregnancies, abortions, live births, and current pregnancy.	
	7565	1 Yes	
	1557	2 No (MAPF21)	
	273	8 Blank but applicable	
	2	9 Don't know	
	21914	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code		Notes
5138-5139 MAPF5		How many times have you been pregnant? Again, be sure to count all your pregnancies whether they ended in miscarriage, stillbirth, tubal pregnancy, abortion, or live birth. (Include current pregnancy.)		
	7563	01-22		
	2	99	Don't know	
	23746	Blank		
5140-5141 MAPF6		What is the total number of live births (live-born children) you have had?		
	500	00	None (MAPF11)	
	1518	01	(MAPF8)	
	5546	02-22		
	1	99	Don't know	
	23746	Blank		
5142-5143 MAPF7R		How old were you at the time of your first live birth? (yrs)		See note
	7046	12-48		
	3	88	Blank but applicable	
	16	99	Don't know	
	24246	Blank		
5144-5145 MAPF8		How old were you at the time of your last live birth? (yrs)		
	7031	13-56		
	5	88	Blank but applicable	
	29	99	Don't know	
	24246	Blank		
5146 MAPF9		Did you breastfeed (your child/ any of your children)?		
	3911	1	Yes	
	3147	2	No (MAPF11)	
	5	8	Blank but applicable	
	2	9	Don't know	
	24246	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code		Notes
5147-5148 MAPF10		(Did you breastfeed your child/ how many of your children did you breastfeed) for at least one month?		
	345	00	None	
	3560	01-17		
	5	88	Blank but applicable	
	8	99	Don't know	
	27393	Blank		
5149 MAPF11		CHECK ITEM. REFER TO AGE OF SP.		
	3034	1	Female greater than 51 years old (MAPF21)	
	188	2	Female 50-51 years old (MAPF14)	
	4343	3	Female less than 50 years old	
	23746	Blank		
5150 MAPF12		(MARK BOX IF KNOWN) Are you now pregnant?		
	280	1	Yes	
	4005	2	No (MAPF14)	
	1	8	Blank but applicable	
	57	9	Don't know (MAPF14)	
	26968	Blank		
5151 MAPF12R		Pregnancy status recode		See note
	338	1	Yes	
	5889	2	No	
	41	8	Blank but applicable	
	9	9	Don't know	
	25034	Blank		
5152-5153 MAPF13		Which month of pregnancy are you in?		
	277	01-09		
	1	88	Blank but applicable	
	3	99	Don't know	
	31030	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
		MARK IF KNOWN. OTHERWISE ASK:	
5154 MAPF14		(Besides this pregnancy) have you been pregnant in the past 2 years?	
	170	1 Yes-current pregnancy only (MAPF16)	
	1105	2 Yes-excluding current if pregnant now	
	3251	3 No-not pregnant in last 2 years (MAPF19)	
	5	8 Blank but applicable	
	26780	Blank	
5155 MAPF15		How many months ago did your (last) pregnancy end?	
	201	1 Less than 4 months ago	
	142	2 4 months- less than 7 months ago	
	154	3 7 months- less than 10 months ago	
	163	4 10 - 12 months ago	
	424	5 13 - 24 months ago	
	21	8 Blank but applicable	
	30206	Blank	
5156 MAPF16		Did you receive benefits from WIC, that is, Women, Infants, and Children program, in the past 12 months?	
	404	1 Yes	
	788	2 No (MAPF19)	
	81	8 Blank but applicable	
	2	9 Don't know (MAPF19)	
	30036	Blank	
5157 MAPF17		Are you now receiving benefits from the WIC program?	
	234	1 Yes	
	170	2 No	
	81	8 Blank but applicable	
	30826	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code		Notes
5158-5160 MAPF18S		How many months (did you receive/have you been receiving) benefits from the WIC program?		See note
	402	001-180		
	81	888	Blank but applicable	
	2	999	Don't know	
	30826	Blank		
5161 MAPF19		CHECK ITEM. REFER TO MAPF6.		
	396	1	No live births (MAPF21)	
	4135	2	1 or more live births or MAPF6=missing	
	26780	Blank		
5162 MAPF20		Are you now breastfeeding a child?		
	100	1	Yes	
	4033	2	No	
	1	8	Blank but applicable	
	1	9	Don't know	
	27176	Blank		
5163 MAPF21		Have you had a period in the past 12 months?		
	5172	1	Yes	
	3952	2	No (MAPF23)	
	272	8	Blank but applicable	
	1	9	Don't know (MAPF23)	
	21914	Blank		
5164-5165 MAPF22		About how long ago was your last period?		
	668	01	Having it now (MAPF27)	
	3962	02	Less than 2 months ago (MAPF27)	
	173	03	2-3 month ago (MAPF25)	
	193	04	4-6 months ago (MAPF25)	
	118	05	7-9 months ago (MAPF25)	
	57	06	10-12 months ago (MAPF25)	
	273	88	Blank but applicable	
	25867	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
5166-5168 MAPF23		About how old were you when you had your last period? (yrs)	See note
	3614	013-090 (MAPF25)	
	286	888 Blank but applicable	
	326	999 Don't know	
	27085	Blank	
5169-5170 MAPF24		Were you younger than 20, 20 to 29, 30 to 39, 40 to 44, 45 to 49, 50 to 54, or 55 or older?	
	5	02 20 to 29	
	33	03 30 to 39	
	63	04 40 to 44	
	80	05 45 to 49	
	84	06 50 to 54	
	20	07 55 or older	
	283	88 Blank but applicable	
	44	99 Don't know	
	30699	Blank	
		IF SP IS CURRENTLY PREGNANT, GO TO MAPF27. OTHERWISE ASK:	
5171 MAPF25		Have you had a hysterectomy? DEFINE IF NECESSARY: Has your uterus/womb been removed?	
	1798	1 Yes	
	2399	2 No (MAPF27)	
	295	8 Blank but applicable	
	16	9 Don't know (MAPF27)	
	26803	Blank	
5172-5174 MAPF26		How old were you when you had your (hysterectomy/uterus/womb removed)?	
	1748	017-080	
	318	888 Blank but applicable	
	27	999 Don't know	
	29218	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code		Notes
5175 MAPF27		Have you had one or both of your ovaries removed (either when you had your uterus removed or at another time)?		
	1189	1	Yes	
	7755	2	No (MAPF30)	
	279	8	Blank but applicable	
	174	9	Don't know (MAPF30)	
	21914	Blank		
5176 MAPF28		Were both ovaries removed or only one?		
	451	1	One	
	727	2	Both	
	280	8	Blank but applicable	
	10	9	Don't know	
	29843	Blank		
5177-5179 MAPF29		How old were you when you had your (ovary/ovaries) removed? (yrs) IF BOTH OVARIES REMOVED, ASK IF REMOVED AT DIFFERENT AGES. RECORD AGE WHEN SECOND OVARY REMOVED.		
	1176	015-079		
	279	888	Blank but applicable	
	13	999	Don't know	
	29843	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
		Now I'm going to ask you about your past and current use of female hormone pills, including birth control pills and estrogen pills.	
5180 MAPF30		Have you ever taken birth control pills for any reason?	
	4812	1 Yes	
	4301	2 No (MAPF34A - Phase 2 only)	
	279	8 Blank but applicable	
	5	9 Don't know	
	21914	Blank	
5181-5182 MAPF31		How old were you when you began taking birth control pills? (yrs)	
	4774	11-55	
	30	88 Blank but applicable	
	8	99 Don't know	
	26499	Blank	
5183-5185 MAPF32S		How many months ago did you stop taking birth control pills or are you still taking them?	See note
	834	000 Still taking now	
	3869	001-552	
	62	777 Less than one month	
	32	888 Blank but applicable	
	15	999 Don't know	
	26499	Blank	
5186-5188 MAPF33S		Not counting any time when you stopped taking them for how many months (have you taken/did you take) birth control pills?	See note
	4623	001-360	
	141	777 Less than one month	
	33	888 Blank but applicable	
	15	999 Don't know	
	26499	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
		IF MORE THAN ONE YEAR AGO IN MAPF32 GO TO MAPF34A. OTHERWISE SHOW ORAL CONTRACEPTIVES CHART AND ASK:	
5189-5191 MAPF34R		Please look at this chart and show me the brand of pills you (use/used).	See note
	1312	101-222	
	43	888 Blank but applicable	
	50	999 Don't know	
	29906	Blank	
5192 MAPF34CK		MAPF30-MAPF32S CHECK ITEM USED IN SKIP PATTERNS	
	370	1 If MAPF32S = 0 (MAPF35)	
	1588	2 If MAPF30 = 2 and SPs age = 50 or older (MAPF35)	
	2273	3 Other	
	27080	Blank	
5193 MAPF34A		Have you ever had an implant under your skin called NORPLANT to prevent pregnancy (Phase 2)	
	39	1 Yes	
	2161	2 No (MAPF35)	
	72	8 Blank but applicable	
	1	9 Don't know	
	29038	Blank	
5194 MAPF34B		Do you now have NORPLANT implanted under your skin? (Phase 2)	
	34	1 Yes	
	5	2 No (MAPF35)	
	31272	Blank	
5195-5196 MAPF34CS		How many months ago was NORPLANT implanted? (Phase 2)	See note
	33	03-48	
	1	77 Less than one month	
	31277	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
5197 MAPF35		CHECK ITEM. REFER TO MAPF12, MAPF20, MAPF22, AND MAPF25. MARK FIRST APPLICABLE BOX.	
	280	1 Currently pregnant (MAPF49)	
	97	2 Currently breastfeeding (MAPF49)	
	4562	3 Period in past 2 months (MAPF49)	
	1802	4 Had hysterectomy (MAPF37)	
	2656	5 Other not included above	
	21914	Blank	
5198 MAPF36		Have your periods presently stopped due to radiation or chemotherapy?	
	22	1 Yes	
	2316	2 No	
	297	8 Blank but applicable	
	21	9 Don't know	
	28655	Blank	
5199 MAPF37		Have you ever taken estrogen or female hormone pills by mouth other than oral contraceptive pills?	
	1227	1 Yes	
	2900	2 No (MAPF41)	
	278	8 Blank but applicable	
	53	9 Don't know (MAPF41)	
	26853	Blank	
5200-5202 MAPF38		How old were you when you first took the estrogen or female hormone pills? (yrs)	
	1211	014-087	
	7	888 Blank but applicable	
	9	999 Don't know	
	30084	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
5203-5206 MAPF39S		How many months ago did you stop taking estrogen or female hormone pills or are you still taking them?	See note
	508	0000 Still taking	
	685	0001-0768	
	8	7777 Less than one month	
	9	8888 Blank but applicable	
	17	9999 Don't know	
	30084	Blank	
5207-5208 MAPF40		Not counting any time when you stopped taking them, for how many years altogether have you taken estrogen or female hormone pills?	See note
	852	01-50	
	351	77 Less than one year	
	8	88 Blank but applicable	
	16	99 Don't know	
	30084	Blank	
5209 MAPF41		Have you ever taken or used estrogen or female hormones in the form of vaginal cream, suppository, or injection?	
	349	1 Yes	
	3789	2 No (MAPF45)	
	282	8 Blank but applicable	
	38	9 Don't know (MAPF45)	
	26853	Blank	
5210-5212 MAPF42		How old were you when you first used female hormones in the form of vaginal cream, suppository, or injection? (yrs)	
	339	014-085	
	3	888 Blank but applicable	
	7	999 Don't know	
	30962	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
5213-5216 MAPF43S		How many months ago did you stop using the vaginal cream suppository, or injection or are you still using them?	See note
	88	0000 Still using	
	243	0001-0624	
	5	7777 Less than one month	
	1	8888 Blank but applicable	
	12	9999 Don't know	
	30962	Blank	
5217-5218 MAPF44		Not counting any time when you stopped using the vaginal cream suppository, or injection, for how many years altogether have you used them?	See note
	187	01-37	
	149	77 Less than one year	
	1	88 Blank but applicable	
	12	99 Don't know	
	30962	Blank	
5219 MAPF45		Have you ever used female hormones in the form of patches that are placed on the skin?	
	125	1 Yes	
	4038	2 No (MAPF49)	
	283	8 Blank but applicable	
	12	9 Don't know (MAPF49)	
	26853	Blank	
5220-5222 MAPF46		How old were you when you first used the hormone patches? (yrs)	
	123	024-076	
	1	888 Blank but applicable	
	1	999 Don't know	
	31186	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
5223-5225 MAPF47S		How many months ago did you stop using the hormone patches or are you still using them?	See note
	39	000 Still using now	
	78	001-396	
	6	777 Less than one month	
	1	888 Blank but applicable	
	1	999 Don't know	
	31186	Blank	
5226-5227 MAPF48		Not counting any time when you stopped using the female hormone patches, for how many years altogether have you used them?	See note
	48	01-13	
	75	77 Less than one year	
	2	88 Blank but applicable	
	31186	Blank	
5228 MAPF49	2715	CHECK ITEM. REFER TO AGE OF SP. 1 Female, 60 years or older (MAPH1)	
	6683	2 Female, less than 60 years	
	21913	Blank	
		In order to get a more complete picture of the health of the population, we are asking about sexual experience. Please remember that your answers are strictly confidential.	
5229-5230 MAPF50		At what age did you first have sexual intercourse? (yrs)	See note
	472	00 Has not had intercourse (MAPLANG)	
	11454	03-54	
	451	88 Blank but applicable	
	25	99 Don't know	
	18909	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
5231-5234 MAPF51		With how many different partners have you ever had sexual intercourse?	See note
	11298	0001-0989	
	6	0990 Greater than or equal to 990	
	464	8888 Blank but applicable	
	162	9999 Don't know	
	19381	Blank	
5235 MAPF52		CHECK ITEM. REFER TO SEX OF SP AND TO MAPF51. MARK FIRST APPLICABLE BOX.	
	6408	1 Female, less than 60 years old (MAPF56)	
	4944	2 Two or more partners, male less than 60 years old (MAPF54R)	
	578	3 1 partner in MAPF51, male less than 60 years old	
	19381	Blank	
5236 MAPF53	574	1 Female (MAPF56)	See note
	4	2 Male (MAPF56)	
	30733	Blank	
5237-5240 MAPF54R	19	0000 None (MAPF56)	See note
	4539	0001-0900	
	6	0990 Greater than or equal to 990	
	240	8888 Blank but applicable	
	140	9999 Don't know	
	26367	Blank	
5241-5244 MAPF55	4483	0000 None	
	79	0001-0896	
	240	8888 Blank but applicable	
	142	9999 Don't know	
	26367	Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION F. REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code		Notes
5245-5247 MAPF56		With how many (different) partners have you had sexual intercourse in the past year?		
	1141	000	None	
	10312	001-100		
	452	888	Blank but applicable	
	25	999	Don't know	
	19381	Blank		
5248 MAPF57		Has a doctor ever told you that you had genital herpes?		See note
	242	1	Yes	
	11210	2	No	
	440	8	Blank but applicable	
	38	9	Don't know	
	19381	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION H. RESPONDENT

Positions SAS name	Counts	Item description and code		Notes
5249 MAPH1		CHECK ITEM. MARK ONE BOX. MARK MAIN RESPONDENT. SPECIFY RELATIONSHIP OF RESPONDENT TO SAMPLE PERSON IF OTHER THAN SAMPLE PERSON.		
	14777	1	Sample person (MAPLANG)	
	8	2	Mother	
	1	3	Father	
	13	4	Spouse	
	133	5	Other specified	
	2772	8	Blank but applicable	
	13607	Blank		
5250-5251 MAPH1OS		MARK MAIN RESPONDENT. SPECIFY RELATIONSHIP OF SAMPLE PERSON IF OTHER THAN SAMPLE PERSON. OTHER SPECIFY.		
	40	07	Child, including in-law, grandchild	
	5	08	Sibling	
	68	09	Translator-relation not specified	
	10	10	Caregiver	
	2	11	Family member not specified	
	4	12	Other relative	
	4	88	Blank but applicable	
	31178	Blank		
5252 MAPH2		IF OTHER THAN SAMPLE PERSON, EXPLAIN REASON FOR ACCEPTING PROXY RESPONDENT.		
	27	1	Physical impairment	
	29	2	Mental impairment	
	89	3	Language problem, no English or Spanish	
	10	8	Blank but applicable	
	31156	Blank		

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

SECTION H. RESPONDENT

Positions SAS name	Counts	Item description and code		Notes
5253 MAPH3		WAS SAMPLE PERSON PRESENT DURING ANY PART OF THE INTERVIEW?		
	129	1	Yes	
	22	2	No	
	2776	8	Blank but applicable	
	28384		Blank	

MEC ADULT QUESTIONNAIRE (EXCEPT DIS)

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code	Notes
5254		Instrument used for interview	
MAPLANG	14881	1 Adult English	
	2348	2 Adult Spanish	
	14082	Blank	
5255-5258		Interviewer number	
MAPEXMNR	1279	4001	
	1119	4002	
	1586	4003	
	2734	4004	
	5956	4005	
	4521	4006	
	454	7002	
	22	7007	
	33	7073	
	13607	Blank	

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NOTES

MAPB1: Age eligibility for cognitive function test

This test of affective memory (Albert, 1991), given to MEC examinees 60 years and older, was also included as part of the interview in the Home Examination.

MAPE3S: Number of days drank alcohol in past year

This variable was created from the two-part (quantity and unit) question E3 using the conversion factors 52 weeks/year and 12 months/year.

MAPE5S: Number of days drank nine or more drinks of alcohol in past year

This variable was created from the two-part (quantity and unit) question E5 using the conversion factors 52 weeks/year and 12 months/year.

MAPE6S: Number of days drank five or more drinks of alcohol in past year

This variable was created from the two-part (quantity and unit) question E6 using the conversion factors 52 weeks/year and 12 months/year.

MAPF7R: Age at time of first live birth

Question F7 (age at time of first live birth) was only asked of women who had more than one live birth. To prevent redundant questions, women who had one live birth were only asked question F8, "Age at the time of the last live birth." This variable, MAPF7R, was created to include responses for women who had only one live birth and women who had multiple births. For women who had only one live birth, their responses to question F8 were coded into MAPF7R. For women who had multiple births, their responses to question F7 were coded into MAPF7R.

MAPF12R: Pregnancy status recode

This variable combines responses from self-reported pregnancy status (F12) with the results of urine pregnancy test conducted in the mobile examination center on women 17-49 years of age. If either the self-report or the test result was positive, then MAPF12R was coded yes. Otherwise, if either the self-report or

test result was negative, then MAPF12R was coded no. If the self-report was don't know and the test result was either inconclusive or blank but applicable, then MAPF12R was coded don't know. If the self-report was blank but applicable and the test result was inconclusive, then MAPF12R was also coded don't know. Finally, if both responses were blank but applicable, then MAPF12R was coded blank but applicable.

Analysts should note that the age group for this variable was 17 - 59 years, not 17 - 49 years. Although question F12 was asked of women in the 17 - 49 age group, the recoded variable (pregnancy test and reported pregnancy) MAPF12R includes all women who were given the pregnancy test (20-59 years). Note, however, that only one women above 50 years had a positive pregnancy test.

MAPF18S: Number of months received WIC benefits

This variable was created from the two-part question (quantity and unit) F18 using the conversion factor 12 months/year.

MAPF23: Age at last period

There were no comments or related responses that could be used to clarify the responses for reported ages of last period that appeared to be extreme. Analysts should review responses when using this variable.

MAPF32S: Months since stopped taking birth control pills

This variable was created from the two-part question (quantity and unit) F32 using the conversion factor 12/months per year.

MAPF33S: Total number of months took birth control pills

This variable was derived from the two-part question (quantity and unit) F33 using the conversion factors 12 months/year. Analysts should note that the reported length of time on birth control pills may have exceeded the length of time that these products were available in the U.S.

MAPF34R: Birth control pill codes

This variable was created to include a listing of all birth control pills that were specified in question F34. It includes both birth control pills that had original codes from the chart that respondents were shown as well as those not included on the chart but specified by the respondent. See the Appendix at the end of this section for code listing.

MAPF34CS: Number of months since NORPLANT was implanted

This variable was derived from the two-part question (quantity and unit) F34C using the conversion factor 12 months/year. Analysts should be aware that the reported length of time NORPLANT was used may have exceeded the length of time that this product was available in the U.S.

MAPF39S: Number of months since stopped taking estrogen pills

This variable was created from the two-part question (quantity and unit) F39 using the conversion factor 12 months/year.

MAPF40: Total years on estrogen pills

Analysts should be aware that the reported length of time for estrogen pill use may have exceeded the length of time that these products were available in the U.S.

MAPF43S: Number of months since stopped using estrogen cream, suppository, or injection

This variable was created from the two-part question (quantity and unit) F43 using the conversion factor 12 months/year.

MAPF44: Total years used estrogen cream, suppository, or injection

Reported length of time for use of these estrogen products may have exceeded the length of time that they were available in the U.S.

MAPF47S: Number of months since stopped using hormone patches

This variable was created from the two-part question (quantity and unit) F47 using the conversion factor 12 months/year.

MAPF48: Total years used female hormone patches

Reported length of time for use of hormone patches may have exceeded the length of time that these products were available in the U.S.

MAPF50: Age at first sexual intercourse

The question did not ask about first consensual sexual experience. Therefore, responses of first intercourse at very young ages were retained after reviewing comments made during the interview (e.g., reports of rape or incest).

MAPF51: Number of sexual partners

The value "990" represents reports of more than 990 sexual partners as well as responses such as "too many to count."

MAPF53: Sex of sexual partners

This question was about sexual experience; it was not designed to determine sexual preference.

MAPF54R: Number of partners that were female

If the response to this question was that all partners were female, then this variable was recoded as the number of female partners reported in F51.

MAPF57: Ever had genital herpes

In Phase 1, this question was asked, "Have you ever had genital herpes?" In Phase 2, the question was changed to, "Has a doctor ever told you that you had genital herpes?"

APPENDIX

MAPF34R: Oral contraceptive code list

0101	Brevicon 21
0102	Brevicon 28
0103	Demulen 1/35 21
0104	Demulen 1/35 28
0105	Demulen 1/50 21
0106	Demulen 1/50 28
0108	Levlen 21
0109	Levlen 28
0111	Loestrin 21 1/20
0112	Loestrin Fe 1.5/30
0113	Loestrin Fe 1/20
0114	Lo/ovral 21
0115	Lo/ovral 28
0116	Micronor
0117	Modicon 21
0118	Modicon 28
0119	Nordette 21
0120	Nordette 28
0121	Norinyl 1+35 21
0122	Norinyl 1+35 28
0124	Norinyl 1+50 28
0126	Norinyl 1+80 28
0128	Norlestrin 21 1/50
0129	Norlestrin 21 2.5/50
0130	Norlestrin 28 1/50
0131	Norlestrin fe 1/50
0132	Norlestrin fe 2.5/50
0134	Ort-nv 10/11 21
0135	Ort-nv 10/11 28
0136	Ort-nov 1/35 21
0137	Ort-nov 1/35 28
0138	Ort-nov 1/50 21
0139	Ort-nov 1/50 28
0141	Ort-nov 1/80 28
0142	Ortho-novum 2mg
0143	Ort-nov 7/7/7 21
0144	Ort-nov 7/7/7 28
0145	Ovcon 35 21
0146	Ovcon 35 28
0147	Ovcon 50 21
0148	Ovcon 50 28
0149	Ovral 21
0150	Ovral 28
0151	Ovrette
0152	Ovulen 21
0153	Ovulen 28
0154	Tri-levlen 21
0155	Tri-levlen 28
0156	Tri-norinyl 21
0157	Tri-norinyl 28
0158	Triphasil 21

0159 Triphasil 28
0201 Eugynon
0202 Genora
0203 Loestrin, NFS
0204 Microgynon

0205 Microgynon 21
0206 Neogynon 21
0207 Nordet
0208 Nordette
0209 Nordiol
0210 Norinyl, NFS
0211 Ortho novum 777, NFS
0212 Triquilar
0213 Desogen
0214 Microgam
0215 Ortho cyclen
0216 Ortho tri-cyclen
0217 Ortho-cept
0218 Ortho novum 1/35, NFS
0220 Secuentex 21
0221 Ortho novum, NFS
0222 Lo/orval, NFS

NFS = Not further specified

BONE DENSITOMETRY

Bone density of the proximal femur was measured on men and non-pregnant women aged 20 years and over by a trained examiner in the mobile examination center (MEC). Using dual energy x-ray absorptiometry (DXA), areal bone density (bone mass per unit of area scanned) was measured in five areas of the proximal femur. These were the femoral neck, trochanter, intertrochanter, Ward's Triangle, and total region.

Before the exam, screening questions were asked to determine medical safety exclusions. Those excluded from testing were examinees: who were females below age 60 for whom pregnancy test results were positive or uncertain or for whom there was a possibility of pregnancy; for whom both hips had been fractured or broken previously; or who had hip pins or artificial hips.

Because these tests were administered in the mobile examination center, the MEC examination sample weight (WTPFEX6) should be used for data analysis. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

A rigorous quality control program was used throughout the survey to ensure data quality. Quality control (QC) of each individual DXA instrument was monitored by scanning anthropomorphic phantoms on a frequent basis (daily for spine phantom, weekly for hip phantom). Comparability of the three DXA instruments was assessed by circulating an additional spine phantom between mobile examination centers; this "circulating spine phantom" was scanned once per stand. Every anthropomorphic phantom scan was reviewed individually at the Mayo Clinic, and results were plotted to compare with previous QC scan results. All respondent scans also were reviewed individually at the Mayo Clinic before being added to the database. For a detailed description of the QC program and the results for Phase 1 of NHANES III, see the reference by Wahner (1994). QC results for Phase 2 were similar to those for Phase 1. Additional details about the bone density procedure may be found in the references by Looker (1995) and Hologic (1987).

Data processing and editing were performed to ensure internal data consistency. Notes have been provided for variables requiring additional explanation.

BONE DENSITOMETRY

INTRODUCTORY INFORMATION

Positions SAS name	Counts	Item description and code		Notes
5259-5263		Examiner number		
BDPTECH	15098	01001-09018		
	1474	88888	Blank but applicable	
	14739	Blank		
5264		Exclusion flag		See note
BDPEXFLR	16416	0	No exclusion	
	157	1	Exclusion by protocol	
	14738	Blank		

BONE DENSITOMETRY

SCAN RESULTS

Positions SAS name	Counts	Item description and code	Notes
5265 BDPSCAN		Scan was technically acceptable after review at the Mayo Clinic	See note
	14646	1 Acceptable scan	
	321	2 Rejected scan	
	1449	8 Blank but applicable	
	14895	Blank	
5266 BDPSIDE		Hip side that was scanned	See note
	14501	1 Left hip	
	145	2 Right hip	
	1770	8 Blank but applicable	
	14895	Blank	
5267-5270 BDPFNARE		Bone area of femur neck region (cm squared)	
	14646	2.06-7.75	
	1770	8888 Blank but applicable	
	14895	Blank	
5271-5275 BDPFNBMC		Bone mineral content of femur neck region (gm)	
	14646	00.79-11.58	
	1770	88888 Blank but applicable	
	14895	Blank	
5276-5280 BDPFNBMD		Bone mineral density of femur neck region (gm/cm squared)	
	14646	0.231-1.841	
	1770	88888 Blank but applicable	
	14895	Blank	
5281-5285 BDPTRARE		Bone area of trochanter region (cm squared)	
	14646	05.35-21.71	
	1770	88888 Blank but applicable	
	14895	Blank	

BONE DENSITOMETRY

SCAN RESULTS

Positions SAS name	Counts	Item description and code	Notes
5286-5290 BDPTRBMC		Bone mineral content of trochanter region (gm)	
	14646	02.08-26.36	
	1770	88888 Blank but applicable	
	14895	Blank	
5291-5295 BDPTRBMD		Bone mineral density of trochanter region (gm/cm squared)	
	14646	0.163-1.542	
	1770	88888 Blank but applicable	
	14895	Blank	
5296-5300 BDPINARE		Bone area of intertrochanter region (cm squared)	
	14646	009.7-39.45	
	1770	88888 Blank but applicable	
	14895	Blank	
5301-5305 BDPINBMC		Bone mineral content of intertrochanter region (gm)	
	14646	05.19-60.74	
	1770	88888 Blank but applicable	
	14895	Blank	
5306-5310 BDPINBMD		Bone mineral density of intertrochanter region (gm/cm squared)	
	14646	0.331-2.408	
	1770	88888 Blank but applicable	
	14895	Blank	
5311-5315 BDPWTARE		Bone area of Ward's triangle region (cm squared)	See note
	14646	0.480-1.244	
	1770	88888 Blank but applicable	
	14895	Blank	

BONE DENSITOMETRY

SCAN RESULTS

Positions SAS name	Counts	Item description and code	Notes
5316-5320 BDPWTBMC		Bone mineral content of Ward's triangle region (gm)	See note
	14646	0.052-2.060	
	1770	88888 Blank but applicable	
	14895	Blank	
5321-5325 BDPWTBMD		Bone mineral density of Ward's triangle region (gm/cm squared)	See note
	14646	0.047-1.812	
	1770	88888 Blank but applicable	
	14895	Blank	
5326-5330 BDPTOARE		Bone area of total region (cm squared)	
	14646	20.41-60.84	
	1770	88888 Blank but applicable	
	14895	Blank	
5331-5335 BDPTOBMC		Bone mineral content of total region (gm)	
	14646	08.95-89.27	
	1770	88888 Blank but applicable	
	14895	Blank	
5336-5340 BDPTOBMD		Bone mineral density of total region (gm/cm squared)	
	14646	0.274-1.983	
	1770	88888 Blank but applicable	
	14895	Blank	
5341-5345 BDPK		K value for scan	
	14646	1.174-1.295	
	1770	88888 Blank but applicable	
	14895	Blank	

BONE DENSITOMETRY

SCAN RESULTS

Positions SAS name	Counts	Item description and code	Notes
5346-5350		d0 value for scan	
BDPD0	14646	086.8-136.6	
	1770	88888 Blank but applicable	
	14895	Blank	

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NOTES

BDPEXFLR: Exclusion flag

This flag variable indicates whether or not the examinee was ineligible to receive the bone densitometry procedure because of known or possible pregnancy or because both right and left hips had been fractured, pinned, or replaced with artificial hip joints in the past.

BDPSCAN: Scan technically acceptable after review at the Mayo Clinic

See 1994 reference by Wahner for rejection criteria.

BDPSIDE: Hip side that was scanned

The left hip was chosen as the default side for the bone density scan because it was easier to scan this side given the position of the DXA scanner in the bone density room. If the left hip had been pinned or fractured previously or was artificial, the right hip was scanned.

BDPWTARE, BDPWTBMC, BDPWTBMD: Bone mineral area, content, and density of Ward's Triangle region

Phases 1 and 2 data for Ward's Triangle are not directly comparable due to a change in the DXA software used to process the data. In Phase 1, the location of Ward's Triangle was variable. The computer algorithm actually searched a specific portion of the femur neck and intertrochanter (2.7 cm x 3.5 cm) for the lowest point of bone mass and then centered a fixed area box (10.5 mm x 10.5 mm)around this point. In Phase 2, however, the location was fixed. The Ward's Triangle position was fixed at a mid-cervical location rather than being the point of lowest bone mineral density. Thus, users should be careful in interpreting observed differences in Ward's Triangle data between Phases 1 and 2. In addition, combining Ward's Triangle data from Phases 1 and 2 may not be appropriate.

BDPWTBMC: Bone mineral content of Ward's Triangle

See note for BDPWTARE.

BDPWTBMD: Bone mineral density of Ward's Triangle

See note for BDPWTARE.

HOME EXAMINATION, INTERVIEW

The Home Examination interview was administered at the homes of examinees aged 2-11 months and those aged 20 years and older who were unable to travel to the mobile examination center (MEC). The interview included sections similar to those found in other MEC questionnaires: infant food frequency, cognitive function, selected conditions/medicine, vitamin and mineral usage, tobacco use, and reproductive health. Data from examinations conducted in the home (body measurements, physical function, spirometry, and venipuncture) have been included with the corresponding examination and laboratory data; therefore, they have not been included here. Items from the MEC Adult Questionnaire and the Home Examination interview can be combined for analysis; however, there may be slight differences in the questions the way in which they are administered. For example, the reproductive health section in the interview during the Home Examination was shorter, and the skip patterns were not the same. For analysis of the Home Examination interview data alone or for combined MEC and Home Examination questionnaire data, the MEC+home Examination weights (WTPFHX6) should be used. Separate sample weights were not created for the Home Examination. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

The interview during the Home Examination was brief in comparison to those conducted in the MEC. Like the MEC questionnaires, certain sections were asked only of specific age and gender groups. For instance, reproductive health questions were asked only of females aged 20 years and older. Cognitive function questions were asked of examinees age 60 years and older. Tobacco use was asked of examinees aged 20-60 years. The infant food frequency was asked of a parent or other adult in the household member for each child aged 2-11 months.

Data processing and editing were performed for the consistency of responses within the sections of the questionnaire. Notes have been provided for variables that were standardized or recoded or those that require additional comments.

HOME EXAMINATION, INTERVIEW

INFANT FOOD FREQUENCY

Positions SAS name	Counts	Item description and code		Notes
5351		CHECK ITEM. REFER TO AGE OF SAMPLE		
HXPB1		PERSON.		
	457	1	20+ years (HXPD1)	
	35	2	Under 1 year	
	30819	Blank		
		Now I would like to ask whether or not -- has eaten certain foods or drunk certain beverages during the past month. In the past month, did -- eat or drink any of these foods or beverages? Include baby foods as well as strained and regular table foods.		
5352		Cereal		
HXPB2A	29	1	Yes	
	6	2	No	
	31276	Blank		
5353		Fruit		
HXPB2B	27	1	Yes	
	8	2	No	
	31276	Blank		
5354		Yellow and orange vegetables		
HXPB2C	26	1	Yes	
	9	2	No	
	31276	Blank		
5355		Green vegetables		
HXPB2D	23	1	Yes	
	12	2	No	
	31276	Blank		
5356		Meat		
HXPB2E	17	1	Yes	
	18	2	No	
	31276	Blank		

HOME EXAMINATION, INTERVIEW

INFANT FOOD FREQUENCY

Positions SAS name	Counts	Item description and code		Notes
	5357	Egg yolk or eggs		
HXPB2F	15	1	Yes	
	20	2	No	
	31276	Blank		
	5358	Combination meat/vegetable dinners		
HXPB2G	15	1	Yes	
	20	2	No	
	31276	Blank		
	5359	Yogurt, cottage cheese, and other cheeses		
HXPB2H	13	1	Yes	
	22	2	No	
	31276	Blank		
	5360	Bread, rolls, crackers, and biscuits		
HXPB2I	20	1	Yes	
	15	2	No	
	31276	Blank		
	5361	Desserts		
HXPB2J	20	1	Yes	
	15	2	No	
	31276	Blank		
	5362	Breastmilk		
HXPB2K	8	1	Yes	
	27	2	No	
	31276	Blank		
	5363	Formula		
HXPB2L	28	1	Yes	
	7	2	No	
	31276	Blank		
	5364	Cow's milk/regular milk		
HXPB2M	12	1	Yes	
	23	2	No	
	31276	Blank		

HOME EXAMINATION, INTERVIEW

INFANT FOOD FREQUENCY

Positions SAS name	Counts	Item description and code		Notes
5365		Fruit juices such as apple juice and		
HXPB2N		orange juice		
	26	1	Yes	
	9	2	No	
	31276	Blank		
5366		Drinks such as Kool-Aid, fruit punch,		
HXPB2O		and Hi-C		
	6	1	Yes (HXPLANG)	
	29	2	No (HXPLANG)	
	31276	Blank		

HOME EXAMINATION, INTERVIEW

COGNITIVE FUNCTION - PART A

Positions SAS name	Counts	Item description and code		Notes
	5367	CHECK ITEM. REFER TO AGE OF SAMPLE PERSON.		
HXPD1	35	1	Less than 60 years (HXPE1)	
	422	2	60+ years	
	30854	Blank		
		I'm going to read you a short story and when I'm through I'm going to wait a few seconds and then ask you to tell me as much as you can remember.		See note
		The story is: SLOWLY Three children were alone at home and the house caught on fire. A brave fireman managed to climb in a back window and carry them to safety. Aside from minor cuts and bruises, all were well.		
		IDEAS PRESENT IN ANSWER		
	5368	Three children		
HXPD2A	313	1	Yes, recalled details	
	80	2	No, did not recall	
	29	8	Blank but applicable	
	30889	Blank		
	5369	House on fire		
HXPD2B	303	1	Yes, recalled details	
	90	2	No, did not recall	
	29	8	Blank but applicable	
	30889	Blank		
	5370	Fireman climbed in		
HXPD2C	197	1	Yes, recalled details	
	194	2	No, did not recall	
	31	8	Blank but applicable	
	30889	Blank		

HOME EXAMINATION, INTERVIEW

COGNITIVE FUNCTION - PART A

Positions SAS name	Counts	Item description and code		Notes
5371		Children rescued		
HXPD2D	268	1	Yes, recalled details	
	125	2	No, did not recall	
	29	8	Blank but applicable	
	30889		Blank	
5372		Minor injuries		
HXPD2E	113	1	Yes, recalled details	
	280	2	No, did not recall	
	29	8	Blank but applicable	
	30889		Blank	
5373		Everyone well		
HXPD2F	126	1	Yes, recalled details	
	267	2	No, did not recall	
	29	8	Blank but applicable	
	30889		Blank	

HOME EXAMINATION, INTERVIEW

SELECTED CONDITIONS/MEDICINE, VITAMIN, AND MINERAL USAGE

Positions SAS name	Counts	Item description and code		Notes
		Now I would like to ask you a few questions about selected health problems and your recent use of medicines, vitamins, and minerals.		
5374 HXPE1		Are you now or in the past 3 months have you been on treatment for anemia? (Include diet, iron pills, iron shots, transfusions as treatment.)		
	40	1	Yes	
	413	2	No	
	2	8	Blank but applicable	
	2	9	Don't know	
	30854	Blank		
5375-5376 HXPE2		How many infections such as colds, flu, diarrhea vomiting, pneumonia, and ear infections have you had in the past 4 weeks?		
	342	00	None	
	83	01		
	15	02		
	9	03		
	1	04		
	1	09		
	1	12		
	2	14		
	3	88	Blank but applicable	
	30854	Blank		
5377-5378 HXPE3		How many times have you donated blood in the past 12 months?		
	451	00	None (HXPE5)	
	1	01		
	1	02		
	1	03		
	2	88	Blank but applicable	
	1	99	Don't know	
	30854	Blank		

HOME EXAMINATION, INTERVIEW

SELECTED CONDITIONS/MEDICINE, VITAMIN, AND MINERAL USAGE

Positions SAS name	Counts	Item description and code		Notes
5379-5380		How long ago was your last blood donation?		
HXPE4	2	02		
	1	07		
	1	77	Less than 1 month ago	
	1	88	Blank but applicable	
	1	99	Don't know	
	31305	Blank		
5381		Are you currently trying to lose weight?		
HXPE5	69	1	Yes	
	386	2	No	
	1	8	Blank but applicable	
	1	9	Don't know	
	30854	Blank		
5382		Have you taken or used any antihistamine medicines in the past 2 days? (Antihistamines are medicines taken for symptoms like sneezing and a runny or itchy nose.)		
HXPE6	30	1	Yes	
	426	2	No	
	1	8	Blank but applicable	
	30854	Blank		
5383		Prescription medicines are medicines that cannot be obtained without a doctor's or dentist's prescription. Have you taken any prescription medicines during the past 24 hours?		
HXPE7	338	1	Yes	
	118	2	No	
	1	8	Blank but applicable	
	30854	Blank		

NHANES III Examination Data File

HOME EXAMINATION, INTERVIEW

SELECTED CONDITIONS/MEDICINE, VITAMIN, AND MINERAL USAGE

Positions SAS name	Counts	Item description and code		Notes
5384		Have you taken any vitamins or minerals		
HXPE8		during the past 24 hours?		
	166	1	Yes	
	288	2	No	
	2	8	Blank but applicable	
	1	9	Don't know	
	30854		Blank	

HOME EXAMINATION, INTERVIEW

COGNITIVE FUNCTION TEST - PART B

Positions SAS name	Counts	Item description and code		Notes
5385		CHECK ITEM. REFER TO AGE OF SAMPLE PERSON.		
HXPF1	35	1	Less than 60 years (HXPG1)	
	422	2	60+ years	
	30854	Blank		
		Please recall that story I read you a few moments ago and tell me as much as you can remember of the story now.		
		IDEAS PRESENT IN ANSWER		
5386		Three children		
HXPF2A	281	1	Yes, recalled details	
	112	2	No, did not recall	
	29	8	Blank but applicable	
	30889	Blank		
5387		House on fire		
HXPF2B	291	1	Yes, recalled details	
	102	2	No, did not recall	
	29	8	Blank but applicable	
	30889	Blank		
5388		Fireman climbed in		
HXPF2C	187	1	Yes, recalled details	
	206	2	No, did not recall	
	29	8	Blank but applicable	
	30889	Blank		
5389		Children rescued		
HXPF2D	263	1	Yes, recalled details	
	130	2	No, did not recall	
	29	8	Blank but applicable	
	30889	Blank		

HOME EXAMINATION, INTERVIEW

COGNITIVE FUNCTION TEST - PART B

Positions SAS name	Counts	Item description and code		Notes
5390		Minor injuries		
HXPF2E	112	1	Yes, recalled details	
	281	2	No, did not recall	
	29	8	Blank but applicable	
	30889	Blank		
5391		Everyone well		
HXPF2F	111	1	Yes, recalled details	
	282	2	No, did not recall	
	29	8	Blank but applicable	
	30889	Blank		

HOME EXAMINATION, INTERVIEW

TOBACCO

Positions SAS name	Counts	Item description and code	Notes
		Now I would like to ask you a few questions about tobacco use.	
5392-5394 HXPG1		How many cigarettes have you smoked in the past 5 days?	
	391	000 None	
	65	001-300	
	1	888 Blank but applicable	
	30854	Blank	
5395-5396 HXPG2A		How many pipes have you smoked in the past 5 days?	
	450	00 None	
	1	10	
	1	20	
	1	25	
	1	30	
	1	40	
	1	45	
	1	88 Blank but applicable	
	30854	Blank	
5397-5398 HXPG2B		How many cigars have you smoked in the past 5 days?	
	175	00 None	
	1	03	
	281	88 Blank but applicable	
	30854	Blank	
5399-5400 HXPG3		How many containers of chewing tobacco or snuff have you used in the past 5 days?	
	433	00 None	
	5	01	
	1	05	
	16	77 Less than 1 container/package	
	2	88 Blank but applicable	
	30854	Blank	

HOME EXAMINATION, INTERVIEW

TOBACCO

Positions SAS name	Counts	Item description and code	Notes
5401 HXPG4		How many pieces of nicotine gum have you chewed in the past 5 days? (Nicotine gum is a sugar-free flavored chewing gum prescribed by a doctor to help people stop smoking or chewing tobacco.)	
	456	0 None	
	1	8 Blank but applicable	
	30854	Blank	

HOME EXAMINATION, INTERVIEW

REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
5402 HXPH1		CHECK ITEM. REFER TO SEX OF SAMPLE PERSON.	
	181	1 Male (HXPLANG)	
	276	2 Female	
	30854	Blank	
		The next questions ask about your periods or menstrual cycle and about pregnancy.	
5403-5404 HXPH2		How old were you when your periods or menstrual cycles started?	
	233	09-20 (HXPH4)	
	16	88 Blank but applicable	
	27	99 Don't know	
	31035	Blank	
5405 HXPH3		Were you younger than 10, 10 to 12, 13 to 15, or 16 or older?	
	9	2 10 to 12	
	14	3 13 to 15	
	4	9 Don't know	
	31284	Blank	
5406 HXPH4		Have you had a period in the past 12 months?	
	11	1 Yes	
	262	2 No (HXPH7)	
	1	8 Blank but applicable	
	2	9 Don't know (HXPH7)	
	31035	Blank	
5407-5408 HXPH5		About how long ago was your last period?	
	2	01 Having it now (HXPH11)	
	7	02 Less than 2 months ago (HXPH11)	
	1	05 7-9 months	
	1	06 10-12 months	
	1	88 Blank but applicable	
	31299	Blank	

HOME EXAMINATION, INTERVIEW

REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
		ASK SAMPLE PERSON TO LOOK AT CHART AND ASK:	
5409-5410 HXPH6		What is the reason you have not had a period in the past (ANSWER IN HXPH5)?	
	1	01 Pregnant now (HXPH11)	
	1	02 Breastfeeding (HXPH11)	
	1	88 Blank but applicable	
	31308	Blank	
5411-5413 HXPH7		About how old were you when you had your last period?	See note
	187	022-083 (HXPH9)	
	17	888 Blank but applicable	
	60	999 Don't know	
	31047	Blank	
5414-5415 HXPH8		Were you younger than 20, 20 to 29, 30 to 39, 40 to 44, 45 to 49, 50 to 54, or 55 or older?	
	2	01 Younger than 20	
	3	03 30 to 39	
	9	04 40 to 44	
	19	05 45 to 49	
	18	06 50 to 54	
	1	07 55 or older	
	8	99 Don't know	
	31251	Blank	
5416 HXPH9		Have you had a hysterectomy? DEFINE IF NECESSARY: Has your uterus been removed?	
	88	1 Yes	
	170	2 No (HXPH11)	
	4	8 Blank but applicable	
	3	9 Don't know (HXPH11)	
	31046	Blank	

HOME EXAMINATION, INTERVIEW

REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
5417-5419		How old were you when you had your	
HXPH10		(hysterectomy/uterus removed)? (years)	
	81	019-085	
	11	888 Blank but applicable	
	31219	Blank	
5420		Have you had one or both of your ovaries	
HXPH11		removed (either when you had your uterus removed or at another time)?	
	69	1 Yes	
	189	2 No (HXPH14)	
	11	8 Blank but applicable	
	7	9 Don't know (HXPH14)	
	31035	Blank	
5421		Were both ovaries removed or only one?	
HXPH12	19	1 One	
	48	2 Both	
	13	8 Blank but applicable	
	31231	Blank	
5422-5424		How old were you when you had your	
HXPH13		(ovary/ovaries) removed? IF EACH OVARY REMOVED AT DIFFERENT AGE, RECORD AGE SECOND OVARY REMOVED.	
	58	021-069	
	22	888 Blank but applicable	
	31231	Blank	

HOME EXAMINATION, INTERVIEW

REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code		Notes
		Now I'm going to ask you about your past and current use of female hormones, including birth control pills and estrogen.		
5425 HXPH14		Have you ever taken birth control pills for any reason?		
	22	1	Yes	
	251	2	No (HXPH18)	
	1	8	Blank but applicable	
	2	9	Don't know	
	31035	Blank		
5426-5427 HXPH15		How old were you when you began taking birth control bills?		
	20	17-37		
	3	88	Blank but applicable	
	31288	Blank		
5428-5432 HXPH16S		How long ago since you stopped taking birth control pills (days).		See note
	1	00000	Still taking	
	19	00456-13140		
	3	88888	Blank but applicable	
	31288	Blank		
5433-5435 HXPH17S		How long altogether have you taken/did you take birth control pills (mos).		See note
	18	001-252		
	2	777	Less than 1 month	
	3	888	Blank but applicable	
	31288	Blank		
5436 HXPH18		CHECK ITEM. REFER TO HXPH5 AND HXPH6. MARK FIRST APPLICABLE BOX.		
	9	1	HXPH5 = 1 or 2 (HXPJ1)	
	2	2	HXPH6 = 1 or 2 (HXPJ1)	
	265	3	Other (HXPH19)	
	31035	Blank		

HOME EXAMINATION, INTERVIEW

REPRODUCTIVE HEALTH

Positions SAS name	Counts	Item description and code	Notes
5437 HXPH19		Have you ever taken or used estrogen or female hormones in any form? Include pills, vaginal cream, suppositories, injections, or skin patches.	
	47	1 Yes	
	199	2 No (HXPLANG)	
	13	8 Blank but applicable	
	6	9 Don't know (HXPLANG)	
	31046	Blank	
5438-5440 HXPH20		How old were you when you first took or used the estrogen or female hormones?	
	42	017-083	
	16	888 Blank but applicable	
	2	999 Don't know	
	31251	Blank	
5441-5444 HXPH21S		How many months ago did you stop taking or using the estrogen or female hormones?	See note
	12	0000 Still taking	
	28	0002-0600	
	19	8888 Blank but applicable	
	1	9999 Don't know	
	31251	Blank	
5445-5446 HXPH22		Not counting any time when you stopped, for how many years altogether did you take or use female hormones?	See note
	31	01-33	
	11	77 Less than 1 year	
	17	88 Blank but applicable	
	1	99 Don't know	
	31251	Blank	

HOME EXAMINATION, INTERVIEW

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code		Notes
5447-5448		Instrument used for interview		
HXPLANG	438	07	Home exam, English	
	24	08	Home exam, Spanish	
	30	88	Blank but applicable	
	30819	Blank		
5449-5452		Examiner number		
HXPEXMNR	6	1601		
	62	1602		
	43	1603		
	26	1604		
	207	1605		
	59	1606		
	65	1607		
	24	8888	Blank but applicable	
	30819	Blank		

NOTES

HXPD1: Age eligibility for cognitive function test

This test of affective memory, given to examinees 60 years and older, was also included as part of the MEC Adult Questionnaire.

HXPH7: Age at last period

There were no comments or related responses that could be used to clarify the response for reported ages of last periods that appeared to be extreme. Analysts should review responses when using this variable.

HXPH16S: Number of days since stopped taking birth control pills

This variable was created from the two-part question (quantity and unit) H16 using the conversion factors 7 days/week, 30.4 days/month, and 365 days/year.

HXPH17S: Total number of months took birth control pills

This variable was derived from the two-part question (quantity and unit) H17 using the conversion factor 12 months/year. Analysts should be aware that the reported length of time for the use of birth control pills may have exceeded the length of time that these products were available in the U.S.

HXPH21S: Number of months since stopped estrogen pills

This variable was created from the two-part question (quantity and unit) H21 using the conversion factor 12 months/year.

HXPH22: Total years on estrogen pills

Reported length of time for use of estrogen pills may have exceeded the length of time that these products were available in the U.S.

GALLBLADDER ULTRASONOGRAPHY

Gallbladder examinations were conducted on all examinees aged 20 to 74 years by a certified ultrasound technician in the mobile examination center (MEC). The protocol for this component did not detail any medical, safety or other exclusions.

When analyzing these data, the MEC examination sample weight should be used (WTPFEX6). For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Gallbladder examinations were conducted to estimate the prevalence of gallstone disease in the United States. Testing was done on examinees in both supine and left decubitus positions. The main element of the exam was real-time ultrasonography, a non-invasive technique for detecting gallstones.

Although sample persons were asked to fast for at least six hours before the examination, non-fasting persons were not excluded from the examination. The rate of acceptable exams did not differ by fasting status.

Details of the data collection procedures and data collection forms for the Gallbladder Ultrasonography component are included in the Gallbladder Ultrasonography Procedures Manual (U.S. DHHS, 1996b) and the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94 (U.S. DHHS, 1996b).

All certified ultrasound technicians received training in the physics of ultrasound, calibration of equipment, and technique of administering the abdominal ultrasound examination. This training was conducted at the time of hire and at least annually thereafter by a radiologist and a physicist who were experts in ultrasonography. All examinations were recorded on videotapes and mailed to consulting radiologists who specialized in abdominal ultrasonography. No written comments or technician findings were disclosed to the radiologists to ensure an independent review of cases except for the "rapid review" cases (in which immediate evaluations were needed due to abnormal findings potentially requiring medical attention).

A diagnosis of gallstones was made using the common criteria of echoes within the gallbladder with shadowing on two views. Diagnoses first were obtained by the ultrasound technician in the MEC and later were confirmed by a radiologist. If a right upper quadrant or epigastric scar was observed and the gallbladder was not seen, it was concluded that a cholecystectomy had been performed previously. Data for other abnormal pathologies observed in the surrounding areas, such as the liver or the right kidney, also were collected and recorded. Persons in wheelchairs received the ultrasound examination while sitting.

The radiologists' diagnoses in GUPR1DX1 and GUPR1DX2 were compared with

the technicians' diagnoses in GUPTDX1R and GUPTDX2R. If they agreed with each other, then these were used as the final diagnoses (GUPFDX1R and GUPFDX2R). If the radiologist and the technician disagreed and the radiologist was not confident of the finding because of the poor quality of the video, then the technician's diagnosis was used as the final diagnosis. Also if the radiologist's diagnosis was missing, then the technician's diagnosis was used as the final diagnosis. However, if the radiologist and the technician disagreed and the radiologist had reasonable confidence in his/her findings, then the video taped scan was given to a senior radiologist for adjudication, and that senior radiologist's diagnosis was used as the final diagnosis. The level of agreement between the technician's diagnosis and the radiologist's diagnosis was measured by the Kappa statistic and was found to be excellent (Fleiss, 1981).

Analysts should use both final primary and secondary diagnosis variables in analyses. If gallstones were present (codes 3-5), it was indicated in the final, primary diagnosis (GUPFDX1R).

Data processing and editing were performed to ensure internal data consistency. Notes have been provided for variables requiring additional explanation.

Supplemental information was collected during the household interview. Section J of the Household Adult Questionnaire included questions on self-reported history of abdominal pain, previous diagnosis of gallstones, gallbladder surgery, and medical treatment to dissolve or remove gallstones. A question on newer methods to dissolve gallstones or remove the gallbladder was added in Phase 2 of the survey. This information can be found in the Household Adult Data File.

GALLBLADDER ULTRASONOGRAPHY

Positions SAS name	Counts	Item description and code		Notes
5453		Are there any abdominal surgical scars?		
GUPQ7	1239	1	Yes	
	12908	2	No (GUPQ9)	
	498	8	Blank but applicable	
	16666	Blank		
5454		Surgical scar - area 1		See note
GUPQ8A1	869	1	Yes	
	370	2	No	
	498	8	Blank but applicable	
	29574	Blank		
5455		Surgical scar - area 2		See note
GUPQ8A2	879	1	Yes	
	360	2	No	
	498	8	Blank but applicable	
	29574	Blank		
5456		Surgical scar - area 3		See note
GUPQ8A3	39	1	Yes	
	1200	2	No	
	498	8	Blank but applicable	
	29574	Blank		
5457		Surgical scar - area 4		See note
GUPQ8A4	384	1	Yes	
	855	2	No	
	498	8	Blank but applicable	
	29574	Blank		
5458		Surgical scar - area 5		See note
GUPQ8A5	170	1	Yes	
	1069	2	No	
	498	8	Blank but applicable	
	29574	Blank		
5459		Surgical scar - area 6		See note
GUPQ8A6	15	1	Yes	
	1224	2	No	
	498	8	Blank but applicable	
	29574	Blank		

GALLBLADDER ULTRASONOGRAPHY

Positions SAS name	Counts	Item description and code	Notes
5460-5461		Thickness of gallbladder wall (mm)	See note
GUPQ18	13125	01-14	
	2	77 Less than 1 mm	
	504	88 Blank but applicable	
	17680	Blank	
5462-5463		Gallbladder irregularities finding --	See note
GUPQ24R		Measurement of largest clump (mm)	
	744	01-57	
	319	88 Blank but applicable	
	30248	Blank	
5464		Other non-gallbladder findings - renal - recode after radiologist note review	See note
GUPQ37R			
	234	1 Yes	
	759	8 Blank but applicable	
	30318	Blank	
5465		Other non-gallbladder findings - hepatic or liver - recode after radiologist note review	See note
GUPQ38R			
	274	1 Yes	
	729	8 Blank but applicable	
	30308	Blank	
5466		Radiologist notes indicate liver cyst	See note
GUPLCSTR	137	1 Yes	
	137	2 No	
	729	8 Blank but applicable	
	30308	Blank	
5467-5469		Other non-gallbladder findings - liver cysts, size (cm) (derived from radiologist's comments)	See note
GUPLCSZE			
	101	0.5-009	
	765	888 Blank but applicable	
	30445	Blank	

GALLBLADDER ULTRASONOGRAPHY

Positions SAS name	Counts	Item description and code		Notes
5470		Radiologist notes indicate renal cyst		See note
GUPRCSTR	161	1	Yes	
	73	2	No	
	759	8	Blank but applicable	
	30318	Blank		
5471-5474		Other non-gallbladder findings - renal cysts, size (cm) (derived from radiologist's comments)		See note
GUPRCSZE				
	122	0001-09.5		
	798	8888	Blank but applicable	
	30391	Blank		
5475		Radiologist notes indicate hemangioma		See note
GUPLHMGR	51	1	Yes	
	223	2	No	
	729	8	Blank but applicable	
	30308	Blank		
5476-5478		Other non-gallbladder findings - cavernous hemangioma of liver, size (cm) (derived from radiologist's comments)		See note
GUPCHSZE				
	42	001-005		
	739	888	Blank but applicable	
	30530	Blank		
5479-5480		Technician primary finding		See note
GUPTDX1R	11618	01	Normal gallbladder	
	36	02	Gallstones or calcified gallbladder	
	296	03	Gallstones, one	
	760	04	Gallstones, multiple	
	70	05	Gallstones, gallbladder filled	
	9	06	No conclusion - echo clumps, wall irregular, diffuse echoes within fluid only 1 shadowing view	
	857	07	Cholecystectomy - right upper quadrant or epigastrum scar, 2 landmarks observed	
	23	08	Cholecystectomy - right upper quadrant scar, less than 2 landmarks observed	
	12	09	No conclusion - no scar, no shadow, 2 landmarks observed, SP	

GALLBLADDER ULTRASONOGRAPHY

Positions SAS name	Counts	Item description and code		Notes
			fast	
	11	10	No conclusion - no scar, no shadow, 2 landmarks observed, SP nonfast	
	13	11	No conclusion - no scar, less than 2 landmarks observed	
	1	12	No conclusion - epigastrum scar, less than 2 landmarks observed	
	432	13	Abnormal gallbladder - focal wall thickness, no shadowing, clumps with no calcification	
	50	14	Abnormal gallbladder - diffuse wall thickness with no calcification	
	3	15	Abnormal gallbladder - diffuse wall thickness with calcification	
	36	16	Abnormal bile - no shadowing internal echoes, with movement	
	418	88	Blank but applicable	
	16666	Blank		
5481-5482		Technician secondary finding		See note
GUPTDX2R	25	13	Abnormal gallbladder - focal wall thickness, no shadowing, clumps with no calcification	
	22	14	Abnormal gallbladder - diffuse wall thickness with no calcification	
	44	16	Abnormal bile - no shadowing internal echoes, with movement	
	418	88	Blank but applicable	
	30802	Blank		

GALLBLADDER ULTRASONOGRAPHY

Positions SAS name	Counts	Item description and code		Notes
5483 GUPR1ID		Radiologist identification number - first reading		See note
	1462	1		
	5090	2		
	181	3		
	7174	4		
	738	8	Blank but applicable	
	16666	Blank		
5484-5485 GUPR1DX1		Radiologist first reading - primary finding		See note
	11389	01	Normal gallbladder	
	8	02	Calcified gallbladder	
	286	03	Gallstones, one	
	710	04	Gallstones, multiple	
	80	05	Gallstones, gallbladder filled	
	2	06	No conclusion - echo clumps, wall irregular, diffuse echoes within fluid only 1 shadowing view	
	821	07	Cholecystectomy - right upper quadrant or epigastrum scar, 2 landmarks observed	
	10	08	Cholecystectomy - right upper quadrant scar, less than 2 landmarks observed	
	18	09	No conclusion - no scar, no shadow, 2 landmarks observed, SP fast	
	21	10	No conclusion - no scar, no shadow, 2 landmarks observed, SP nonfast	
	11	11	No conclusion - no scar, less than 2 landmarks observed	
	3	12	No conclusion - epigastrum scar, less than 2 landmarks observed	
	444	13	Abnormal gallbladder - focal wall thickness, no shadowing, clumps with no calcification	
	37	14	Abnormal gallbladder - diffuse wall thickness with no calcification	
	6	15	Abnormal gallbladder - diffuse wall thickness with calcification	

GALLBLADDER ULTRASONOGRAPHY

Positions SAS name	Counts	Item description and code		Notes
	41	16	Abnormal bile - no shadowing internal echoes, with movement	
	758	88	Blank but applicable	
	16666	Blank		
5486-5487 GUPR1DX2			Radiologist first reading - secondary finding	See note
	1	05	Gallstones, gallbladder filled	
	1	11	No conclusion - no scar, less than 2 landmarks observed	
	1	12	No conclusion - epigastrum scar, less than 2 landmarks observed	
	22	13	Abnormal gallbladder - focal wall thickness, no shadowing, clumps with no calcification	
	16	14	Abnormal gallbladder - diffuse wall thickness with no calcification	
	1	15	Abnormal gallbladder - diffuse wall thickness with calcification	
	19	16	Abnormal bile - no shadowing internal echoes, with movement	
	758	88	Blank but applicable	
	30492	Blank		
5488 GUPR1CNF			Radiologist first reading - confidence	See note
	12754	1	Certain	
	960	2	Likely	
	185	3	Uncertain	
	746	8	Blank but applicable	
	16666	Blank		
5489 GUPR1QLT			Radiologist first reading - quality	See note
	13141	1	Adequate interpretation	
	637	2	Below standard	
	122	3	Uninterpretable	
	745	8	Blank but applicable	
	16666	Blank		

GALLBLADDER ULTRASONOGRAPHY

Positions SAS name	Counts	Item description and code		Notes
5490 GUPR2ID		Radiologist identification number - second reading		See note
	360	4		
	758	8	Blank but applicable	
	30193	Blank		
5491-5492 GUPFDX1R		Final primary finding		See note
	11666	01	Normal gallbladder	
	9	02	Calcified gallbladder	
	305	03	Gallstones, one	
	758	04	Gallstones, multiple	
	86	05	Gallstones, gallbladder filled	
	1	06	No conclusion - echo clumps, wall irregular, diffuse echoes within fluid only 1 shadowing view	
	860	07	Cholecystectomy - right upper quadrant or epigastrum scar, 2 landmarks observed	
	10	08	Cholecystectomy - right upper quadrant scar, less than 2 landmarks observed	
	16	09	No conclusion - no scar, no shadow, 2 landmarks observed, SP fast	
	20	10	No conclusion - no scar, no shadow, 2 landmarks observed, SP nonfast	
	7	11	No conclusion - no scar, less than 2 landmarks observed	
	3	12	No conclusion - epigastrum scar, less than 2 landmarks observed	
	466	13	Abnormal gallbladder - focal wall thickness, no shadowing, clumps with no calcification	
	39	14	Abnormal gallbladder - diffuse wall thickness with no calcification	
	2	15	Abnormal gallbladder - diffuse wall thickness with calcification	
	46	16	Abnormal bile - no shadowing internal echoes, with movement	
	351	88	Blank but applicable	
	16666	Blank		

GALLBLADDER ULTRASONOGRAPHY

Positions SAS name	Counts	Item description and code		Notes
5493-5494		Final secondary finding		See note
GUPFDX2R	22	13	Abnormal gallbladder - focal wall thickness, no shadowing, clumps with no calcification	
	17	14	Abnormal gallbladder - diffuse wall thickness with no calcification	
	3	15	Abnormal gallbladder - diffuse wall thickness with calcification	
	20	16	Abnormal bile - no shadowing internal echoes, with movement	
	351	88	Blank but applicable	
	30898	Blank		
5495-5496		Other gallbladder findings - gallbladder polyp, size (mm) (derived from radiologist's comments) (years 4, 5, and 6)		See note
GUPGBPSZ	271	02-12		
	568	88	Blank but applicable	
	30472	Blank		
5497-5501		Technician number		
GUPTECH	6559	01501		
	7235	01502		
	535	01503		
	316	88888	Blank but applicable	
	16666	Blank		

NOTES

GUPFDX1R, GUPFDX2R: Final primary and secondary diagnoses

The radiologist's diagnoses were compared with the technician's diagnoses to determine agreement and to select cases for adjudication. The final primary and secondary diagnoses were a result of this adjudication. Most examined persons had only a single diagnosis, and the code for that diagnosis was placed in GUPFDX1R. For those persons with two diagnoses, the lowest numbered code was placed in GUPFDX1R, and the other code was placed in GUPFDX2R. However, analysts should check both variables for specific codes of interest.

GUPGBPSZ: Size of the largest polyp

GUPGBPSZ indicates the size of the largest polyp if a polyp was found during the technician's examination or after the radiologist's review (code 13 in either GUPFDX1R or GUPFDX2R).

GUPLCSTR, GUPLCSZE: Flag for liver cyst and the size of the largest cyst

During the examination, the technician scanned the area surrounding the gallbladder for other abnormal pathologies. Liver abnormality is identified in the variable GUPQ38R. GUPLCSTR indicates the presence of one or more cysts in the liver. GUPLCSZE indicates the size of the largest cyst.

GUPLHMGR, GUPCHSZE: Flag for cavernous hemangioma of liver and size of the largest lesion

During the examination, the technician scanned the area surrounding the gallbladder for other abnormal pathologies. Liver abnormality is identified in the variable GUPQ38R. The presence of one or more hemangiomas of the liver is recorded in the variable GUPLHMGR. The size of the largest lesion is recorded in the variable GUPCHSZE.

GUPQ18: Thickness of gallbladder wall

The gallbladder for a person in a non-fasting state may be contracted and appear to have a thickened wall. In such cases, the gallbladder wall thickness may be greater than 3 mm and, according to the computerized recording of results, would have been recorded as code 14, "Abnormal GB -- Diffuse W.T., With NO Calcification" although the gallbladder appeared to be normal to technicians and

radiologists. For those persons in a non-fasting status with a contracted gallbladder, the final adjudicated diagnosis was edited and appropriately coded to indicate a normal gallbladder.

GUPQ24R: Measurement of largest echo -- clump (mm)

This variable provides measurement of the largest gallstone (codes 3 and 4 in GUPFDX1R or GUPFDX2R).

GUPQ37R: Other non-gallbladder findings -- renal

This variable is a recode of the response to question Q37.

GUPQ38R: Other non-gallbladder findings -- hepatic or liver

This variable is a recode of the response to question Q38.

GUPQ8A1-GUPQ8A6: Flag for abdominal scar and its location

To identify the location of a scar in GUPQ8A1-GUPQ8A6, refer to the upper body illustration (p. 394) of the Plan and Operation of the Third National Health and Nutrition Examination Survey, 1988-94 (NCHS, 1994; U.S. DHHS, 1996b).

GUPR1CNF, GUPR1QLT: Radiologist's confidence in diagnoses and assessment of quality of the videotape (first reading)

Three levels were used on the quality control form to record the radiologist's confidence in the diagnoses and assessment of the videotape quality. If for either variable, level 3 was marked, diagnoses from the corresponding readings were not used in computing the final, adjudicated primary and secondary diagnoses.

GUPR1DX1, GUPR1DX2: Radiologists' first reading

All videotaped scans were mailed to a radiologist for evaluation, which was recorded on a quality control form. After reviewing the scanned cases, the radiologist marked a maximum of two diagnoses on the quality control form and then evaluated the quality of the tapes, confidence in the diagnosis, and sometimes provided an optional, written comment explaining the diagnosis. Most examined persons had only a single diagnosis, and their code was placed in GUPR1DX1. For those persons with two diagnoses, the lowest numbered code was placed in GUPR1DX1, and the other code was placed in GUPPR1DX2. However, analysts should check both variables for specific codes of interest.

GUPR1ID, GUPR2ID: Radiologists' identification numbers

These are identification numbers for the radiologists reviewing the videotapes. A total of four radiologists reviewed the videotapes under professional services contracts. After the first reading, all cases with significant disagreements between the technician's diagnosis and the radiologist's diagnosis were reevaluated by the senior radiologist (radiologist number 4).

GUPRCSTR, GUPRCSZE: Flag for renal cyst and the size of the largest cyst

During the examination, the technician scanned the area surrounding the gallbladder for other abnormal pathologies. Right kidney abnormality is identified in the variable GUPQ37R. The presence of one or more cysts in the kidney is identified in the variable GUPRCSTR. GUPRCSZE indicates the size of the largest cyst.

GUPTDX1R, GUPTDX2R: Technician's primary and secondary diagnoses

Most examined persons had only a single diagnosis, and the code was placed in GUPTDX1R. For those persons with two diagnoses, the lowest numbered code was placed in GUPTDX1R, and the other code was placed in GUPTDX2R. However, analysts should check both variables for specific codes of interest.

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

Computerized neurobehavioral testing was administered to a random half-sample of examinees aged 20-59 years by a trained examiner in a soundproof room in the mobile examination center (MEC). A screening questionnaire was administered to assess factors that might have affected test performance. There were no medical or safety exclusions for this component.

Because this examination was administered on a selected subsample in the examination center, the central nervous system (CNS) sample weight (WTPFCNS6) should be used for data analysis. For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Three computerized tests were used to evaluate central nervous system function. They were: (1) a simple reaction time test (SRTT), a basic measure of motor response speed to a visual stimulus; (2) a symbol-digit substitution test (SDST), a test of coding ability; and (3) a serial-digit learning test (SDLT), a short-term memory test. These tests are components of the Neurobehavioral Evaluation System 2 (NES2) developed by Baker and Letz (1985; Letz, 1990). NES2 is a system of computerized tests designed to assess neurobehavioral function in epidemiological studies of populations with occupational or environmental exposure to chemicals.

The tests were administered on a Compaq 286 DeskPro(TM) personal computer (12.5 MHz, 80286 CPU chip) configured with 640K RAM, one 1.2MB floppy disk drive, one parallel port, two serial ports, a standard game joystick controller board, and an Ethernet interface board. The system used the standard, detachable keyboard with a custom-made wooden keyboard overlay that left only the top row of digit keys exposed to prevent inadvertent contact with keys not needed in the testing; it also used a standard, monochrome (green) Compaq monitor. In September 1991, between the conclusion of Phase 1 and the initiation of Phase 2 data collection, the monitors were replaced with comparable, new amber monitors due to a deterioration in display performance. A push-button, computer-game joystick (NES2 Joystick by Neurobehavioral Systems, Inc., Winchester, MA) was used to record the SRTT responses.

The tests were administered by health technicians, MEC interviewers, and translators who were trained to perform the testing. Before examinations began, special training sessions were held at NCHS or at the offices of the contractor responsible for survey operations. Training sessions also occurred at MEC sites during the survey, and retraining was done approximately twice per year. The test was conducted in English or Spanish, and examinees who could not speak English or Spanish were not tested. English or Spanish language instructions appeared on the computer screen for each test, and the examiner also gave the instructions verbally.

Translators were trained to administer the testing independently or with a health technician. The training was conducted in the MEC by a Spanish-speaking health technician, Spanish-speaking NCHS staff member, or Spanish-speaking MEC interviewer trained to administer the CNS test. Training for translators included reviewing the manual with the trainer, performing the tests as an examinee, and administering the examination in Spanish.

Physical comfort may have affected examinees' test results. The air conditioning in the soundproof room used for testing sometimes failed to maintain an optimally comfortable room temperature. Because of this, room temperature (CNPTEMP) was recorded for use as a covariate; however, this practice did not begin until the second year of the survey. The location of the thermometer within the room and the time that temperature was recorded were not consistent throughout the survey. For instance, some examiners entered the temperature at the beginning of the testing session, and others recorded it at the end of the session. This source of error is likely to be small.

Initially, some trials of the SRTT were performed with both the non-preferred hand and the preferred hand. Early in the survey, the procedure was changed to perform all trials only with the preferred hand. As a result, analysts may want to exclude SRTT data from those examinees who used both hands for the test. The affected data have a value of "2 Non-preferred hand used on trials 31-50" for the variable CNPNBPH (LOG: Number of trials with preferred hand).

During Phase 2 of the survey, reading glasses were available for examinees who forgot to bring their own reading glasses to the MEC. Examinees could select from four pairs of glasses of different diopters or magnifying powers (+1.0 diopter, +1.5 diopters, +2.0 diopters, and +2.5 diopters).

Although all examiners were well-trained in standardized procedures for these tests, performance on neurobehavioral tests may have been subject to an examiner effect. This would have been particularly likely when the examiner encouraged the examinee during the exam, as was the case in NHANES III. Therefore, analysts should consider using the examiner number (CNPTECH) as a covariate in analyses of data from these tests.

For details of the examination protocol, see the Neurobehavioral Testing Procedures Manual (U.S. DHHS, 1996b).

Data processing and editing were performed to ensure internal data consistency. Notes have been provided for variables requiring additional explanation.

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

CONDITIONS AFFECTING TEST RESULTS

Positions SAS name	Counts	Item description and code		Notes
5502		How much sleep did you get last night?		
CNPQ01		Would you say about the usual amount, less than usual, or more than usual?		
	3131	1	About usual amount	
	1552	2	Less than usual	
	461	3	More than usual	
	518	8	Blank but applicable	
	25649	Blank		
5503		Right now would you say you are feeling		
CNPQ02		energetic, fresh, average, tired, or exhausted?		
	280	1	Energetic	
	668	2	Fresh	
	2815	3	Average	
	1229	4	Tired	
	152	5	Exhausted	
	518	8	Blank but applicable	
	25649	Blank		
5504		How much familiarity do you have with		
CNPQ03		computers or video games? Would you say none, some, or a lot?		
	2167	0	None	
	2268	1	Some	
	709	2	A lot	
	518	8	Blank but applicable	
	25649	Blank		
5505		Not counting decaffeinated products, how		
CNPQ04		many cups of coffee, tea, or cola have you had in the past 3 hours?		
	4912	0	None	
	164	1	One	
	68	2	2 or more	
	518	8	Blank but applicable	
	25649	Blank		

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

CONDITIONS AFFECTING TEST RESULTS

Positions SAS name	Counts	Item description and code		Notes
5506 CNPQ05		How many drinks of alcohol have you had in the past 3 hours? Include any alcoholic drinks such as wine, beer, or hard liquor.		
	5080	0	None	
	47	1	One	
	17	2	2 or more	
	518	8	Blank but applicable	
	25649		Blank	
5507 CNPQ06		Which hand do you prefer to use for this test?		
	4720	1	Right	
	424	2	Left	
	518	8	Blank but applicable	
	25649		Blank	
5508 CNPQ07		Simple Reaction Time Test (SRTT) completed		
	5138	1	Yes	
	63	2	No	
	461	8	Blank but applicable	
	25649		Blank	
5509 CNPQ08		Symbol Digit Substitution Test (SDST) completed		
	5092	1	Yes	
	109	2	No	
	461	8	Blank but applicable	
	25649		Blank	
5510 CNPQ09		Serial Digit Learning Test (SDLT) completed		
	4962	1	Yes	
	236	2	No	
	464	8	Blank but applicable	
	25649		Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

CONDITIONS AFFECTING TEST RESULTS

Positions SAS name	Counts	Item description and code		Notes
5511		How hard did you try to perform this		
CNPQ10		computer test?		
	135	0	None/not at all	
	1268	1	Some	
	1137	2	A lot	
	2596	3	As hard as I could	
	526	8	Blank but applicable	
	25649	Blank		
5512		Language used for test administration		
CNPLANG	4460	1	English	
	685	2	Spanish	
	517	8	Blank but applicable	
	25649	Blank		
5513-5515		Room temperature (degrees Fahrenheit)		
CNPTEMP	4013	060-092		
	1649	888	Blank but applicable	
	25649	Blank		
5516-5520		Examiner number		
CNPTECH	5207	01001-09018		
	455	88888	Blank but applicable	
	25649	Blank		

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SIMPLE REACTION TIME TEST (SRTT)

Positions SAS name	Counts	Item description and code	Notes
5521 CNPNBPH		LOG: Number of trials with preferred hand	
	4896	1 Preferred hand used on all 50 trials	
	242	2 Non-preferred hand used on trials 31-50	
	524	8 Blank but applicable	
	25649	Blank	
5522-5525 CNPRT01		SRTT: Trial 01 reaction time (msec)	
	5138	0064-3866	
	524	8888 Blank but applicable	
	25649	Blank	
5526-5529 CNPRT02		SRTT: Trial 02 reaction time (msec)	
	5138	0071-3533	
	524	8888 Blank but applicable	
	25649	Blank	
5530-5533 CNPRT03		SRTT: Trial 03 reaction time (msec)	
	5138	0050-3509	
	524	8888 Blank but applicable	
	25649	Blank	
5534-5537 CNPRT04		SRTT: Trial 04 reaction time (msec)	
	5138	0060-3538	
	524	8888 Blank but applicable	
	25649	Blank	
5538-5541 CNPRT05		SRTT: Trial 05 reaction time (msec)	
	5138	0103-3993	
	524	8888 Blank but applicable	
	25649	Blank	
5542-5545 CNPRT06		SRTT: Trial 06 reaction time (msec)	
	5138	0059-1831	
	524	8888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SIMPLE REACTION TIME TEST (SRTT)

Positions SAS name	Counts	Item description and code	Notes
5546-5549		SRTT: Trial 07 reaction time (msec)	
CNPRT07	5138	0081-2778	
	524	8888 Blank but applicable	
	25649	Blank	
5550-5553		SRTT: Trial 08 reaction time (msec)	
CNPRT08	5138	0122-3486	
	524	8888 Blank but applicable	
	25649	Blank	
5554-5557		SRTT: Trial 09 reaction time (msec)	
CNPRT09	5138	0054-1764	
	524	8888 Blank but applicable	
	25649	Blank	
5558-5561		SRTT: Trial 10 reaction time (msec)	
CNPRT10	5138	0088-1965	
	524	8888 Blank but applicable	
	25649	Blank	
5562-5565		SRTT: Trial 11 reaction time (msec)	
CNPRT11	5138	0056-1004	
	524	8888 Blank but applicable	
	25649	Blank	
5566-5569		SRTT: Trial 12 reaction time (msec)	
CNPRT12	5138	0055-1708	
	524	8888 Blank but applicable	
	25649	Blank	
5570-5573		SRTT: Trial 13 reaction time (msec)	
CNPRT13	5138	0059-3607	
	524	8888 Blank but applicable	
	25649	Blank	
5574-5577		SRTT: Trial 14 reaction time (msec)	
CNPRT14	5138	0083-2524	
	524	8888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SIMPLE REACTION TIME TEST (SRTT)

Positions SAS name	Counts	Item description and code	Notes
5578-5581		SRTT: Trial 15 reaction time (msec)	
CNPRT15	5138	0137-1204	
	524	8888 Blank but applicable	
	25649	Blank	
5582-5585		SRTT: Trial 16 reaction time (msec)	
CNPRT16	5138	0135-1205	
	524	8888 Blank but applicable	
	25649	Blank	
5586-5589		SRTT: Trial 17 reaction time (msec)	
CNPRT17	5138	0106-3234	
	524	8888 Blank but applicable	
	25649	Blank	
5590-5593		SRTT: Trial 18 reaction time (msec)	
CNPRT18	5138	0068-1210	
	524	8888 Blank but applicable	
	25649	Blank	
5594-5597		SRTT: Trial 19 reaction time (msec)	
CNPRT19	5138	0068-1457	
	524	8888 Blank but applicable	
	25649	Blank	
5598-5601		SRTT: Trial 20 reaction time (msec)	
CNPRT20	5138	0060-2470	
	524	8888 Blank but applicable	
	25649	Blank	
5602-5605		SRTT: Trial 21 reaction time (msec)	
CNPRT21	5138	0072-1457	
	524	8888 Blank but applicable	
	25649	Blank	
5606-5609		SRTT: Trial 22 reaction time (msec)	
CNPRT22	5138	0085-1203	
	524	8888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SIMPLE REACTION TIME TEST (SRTT)

Positions SAS name	Counts	Item description and code	Notes
5610-5613		SRTT: Trial 23 reaction time (msec)	
CNPRT23	5138	0118-1202	
	524	8888 Blank but applicable	
	25649	Blank	
5614-5617		SRTT: Trial 24 reaction time (msec)	
CNPRT24	5138	0071-2480	
	524	8888 Blank but applicable	
	25649	Blank	
5618-5621		SRTT: Trial 25 reaction time (msec)	
CNPRT25	5138	0051-1202	
	524	8888 Blank but applicable	
	25649	Blank	
5622-5625		SRTT: Trial 26 reaction time (msec)	
CNPRT26	5138	0145-2521	
	524	8888 Blank but applicable	
	25649	Blank	
5626-5629		SRTT: Trial 27 reaction time (msec)	
CNPRT27	5138	0061-2896	
	524	8888 Blank but applicable	
	25649	Blank	
5630-5633		SRTT: Trial 28 reaction time (msec)	
CNPRT28	5138	0068-3230	
	524	8888 Blank but applicable	
	25649	Blank	
5634-5637		SRTT: Trial 29 reaction time (msec)	
CNPRT29	5138	0098-1962	
	524	8888 Blank but applicable	
	25649	Blank	
5638-5641		SRTT: Trial 30 reaction time (msec)	
CNPRT30	5138	0120-3991	
	524	8888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SIMPLE REACTION TIME TEST (SRTT)

Positions SAS name	Counts	Item description and code	Notes
5642-5645		SRTT: Trial 31 reaction time (msec)	
CNPRT31	5138	0062-1202	
	524	8888 Blank but applicable	
	25649	Blank	
5646-5649		SRTT: Trial 32 reaction time (msec)	
CNPRT32	5138	0121-1204	
	524	8888 Blank but applicable	
	25649	Blank	
5650-5653		SRTT: Trial 33 reaction time (msec)	
CNPRT33	5138	0092-3995	
	524	8888 Blank but applicable	
	25649	Blank	
5654-5657		SRTT: Trial 34 reaction time (msec)	
CNPRT34	5138	0130-3589	
	524	8888 Blank but applicable	
	25649	Blank	
5658-5661		SRTT: Trial 35 reaction time (msec)	
CNPRT35	5138	0130-3535	
	524	8888 Blank but applicable	
	25649	Blank	
5662-5665		SRTT: Trial 36 reaction time (msec)	
CNPRT36	5138	0057-1344	
	524	8888 Blank but applicable	
	25649	Blank	
5666-5669		SRTT: Trial 37 reaction time (msec)	
CNPRT37	5138	0052-1202	
	524	8888 Blank but applicable	
	25649	Blank	
5670-5673		SRTT: Trial 38 reaction time (msec)	
CNPRT38	5138	0092-1513	
	524	8888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SIMPLE REACTION TIME TEST (SRTT)

Positions SAS name	Counts	Item description and code	Notes
5674-5677		SRTT: Trial 39 reaction time (msec)	
CNPRT39	5138	0120-2975	
	524	8888 Blank but applicable	
	25649	Blank	
5678-5681		SRTT: Trial 40 reaction time (msec)	
CNPRT40	5138	0139-2272	
	524	8888 Blank but applicable	
	25649	Blank	
5682-5685		SRTT: Trial 41 reaction time (msec)	
CNPRT41	5138	0076-1200	
	524	8888 Blank but applicable	
	25649	Blank	
5686-5689		SRTT: Trial 42 reaction time (msec)	
CNPRT42	5138	0139-3534	
	524	8888 Blank but applicable	
	25649	Blank	
5690-5693		SRTT: Trial 43 reaction time (msec)	
CNPRT43	5138	0063-1055	
	524	8888 Blank but applicable	
	25649	Blank	
5694-5697		SRTT: Trial 44 reaction time (msec)	
CNPRT44	5138	0052-1062	
	524	8888 Blank but applicable	
	25649	Blank	
5698-5701		SRTT: Trial 45 reaction time (msec)	
CNPRT45	5138	0125-0999	
	524	8888 Blank but applicable	
	25649	Blank	
5702-5705		SRTT: Trial 46 reaction time (msec)	
CNPRT46	5138	0081-1209	
	524	8888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SIMPLE REACTION TIME TEST (SRTT)

Positions SAS name	Counts	Item description and code	Notes
5706-5709		SRTT: Trial 47 reaction time (msec)	
CNPRT47	5138	0120-3338	
	524	8888 Blank but applicable	
	25649	Blank	
5710-5713		SRTT: Trial 48 reaction time (msec)	
CNPRT48	5138	0121-2727	
	524	8888 Blank but applicable	
	25649	Blank	
5714-5717		SRTT: Trial 49 reaction time (msec)	
CNPRT49	5138	0085-2013	
	524	8888 Blank but applicable	
	25649	Blank	
5718-5721		SRTT: Trial 50 reaction time (msec)	
CNPRT50	5138	0069-1006	
	524	8888 Blank but applicable	
	25649	Blank	
5722-5729		SRTT summary: Mean reaction time (msec)	See note
CNPMENRT	5138	00000154-660.0606	
	524	88888888 Blank but applicable	
	25649	Blank	
5730-5737		SRTT summary: Standard deviation of the reaction times (msec)	See note
CNPSDRT	5138	010.8057-176.2465	
	524	88888888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SYMBOL DIGIT SUBSTITUTION TEST (SDST)

Positions SAS name	Counts	Item description and code		Notes
5738-5739		SDST: Number of errors, trial 1		
CNP1ERR	3514	00	None	
	821	01	1 error	
	330	02	2 errors	
	178	03	3 errors	
	106	04	4 errors	
	65	05	5 errors	
	29	06	6 errors	
	12	07	7 errors	
	29	08	8 errors	
	8	09	9 errors	
	570	88	Blank but applicable	
	25649	Blank		
5740-5744		SDST: Latency 1, trial 1 (sec)		See note
CNP1LAT1	5092	-54.3-043.1		
	570	88888	Blank but applicable	
	25649	Blank		
5745-5749		SDST: Latency 2, trial 1 (sec)		See note
CNP1LAT2	5092	-34.5-061.8		
	570	88888	Blank but applicable	
	25649	Blank		
5750-5754		SDST: Latency 3, trial 1 (sec)		See note
CNP1LAT3	5092	-43.4-038.3		
	570	88888	Blank but applicable	
	25649	Blank		
5755-5759		SDST: Latency 4, trial 1 (sec)		See note
CNP1LAT4	5092	-42.6-059.4		
	570	88888	Blank but applicable	
	25649	Blank		
5760-5764		SDST: Latency 5, trial 1 (sec)		See note
CNP1LAT5	5092	-41.7-00026		
	570	88888	Blank but applicable	
	25649	Blank		

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SYMBOL DIGIT SUBSTITUTION TEST (SDST)

Positions SAS name	Counts	Item description and code	Notes
5765-5769		SDST: Latency 6, trial 1 (sec)	See note
CNP1LAT6	5092	-34.9-061.5	
	570	88888 Blank but applicable	
	25649	Blank	
5770-5774		SDST: Latency 7, trial 1 (sec)	See note
CNP1LAT7	5092	-21.2-080.9	
	570	88888 Blank but applicable	
	25649	Blank	
5775-5779		SDST: Latency 8, trial 1 (sec)	See note
CNP1LAT8	5092	-59.2-062.9	
	570	88888 Blank but applicable	
	25649	Blank	
5780-5784		SDST: Latency 9, trial 1 (sec)	See note
CNP1LAT9	5092	-41.1-039.2	
	570	88888 Blank but applicable	
	25649	Blank	
5785-5790		SDST: Total latency, trial 1 (sec)	See note
CNP1TOTL	5092	011.07-212.98	
	570	888888 Blank but applicable	
	25649	Blank	
5791-5792		SDST summary: Number of correct responses for latencies 2 through 9, trial 1	
CNPCORR1			
	8	00	
	32	01	
	24	02	
	65	03	
	106	04	
	159	05	
	316	06	
	755	07	
	3627	08	
	570	88 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SYMBOL DIGIT SUBSTITUTION TEST (SDST)

Positions SAS name	Counts	Item description and code	Notes
5793-5798 CNPCLAT1		SDST summary: Error-corrected latency for trial 1 - total latency/number of correct responses (sec)	See note
	5084	001.38-095.68	
	570	888888 Blank but applicable	
	25657	Blank	
5799-5800 CNP2ERR		SDST: Number of errors, trial 2	
	4117	00 None	
	616	01 1 error	
	170	02 2 errors	
	90	03 3 errors	
	47	04 4 errors	
	27	05 5 errors	
	13	06 6 errors	
	4	07 7 errors	
	4	08 8 errors	
	4	09 9 errors	
	570	88 Blank but applicable	
	25649	Blank	
5801-5805 CNP2LAT1		SDST: Latency 1, trial 2 (sec)	See note
	5092	-36.8-037.9	
	570	88888 Blank but applicable	
	25649	Blank	
5806-5810 CNP2LAT2		SDST: Latency 2, trial 2 (sec)	See note
	5092	-48.5-057.3	
	570	88888 Blank but applicable	
	25649	Blank	
5811-5815 CNP2LAT3		SDST: Latency 3, trial 2 (sec)	See note
	5092	-0028-00055	
	570	88888 Blank but applicable	
	25649	Blank	
5816-5820 CNP2LAT4		SDST: Latency 4, trial 2 (sec)	See note
	5092	-18.1-099.9	
	570	88888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SYMBOL DIGIT SUBSTITUTION TEST (SDST)

Positions SAS name	Counts	Item description and code	Notes
5821-5825		SDST: Latency 5, trial 2 (sec)	See note
CNP2LAT5	5092	-27.3-00048	
	570	88888 Blank but applicable	
	25649	Blank	
5826-5830		SDST: Latency 6, trial 2 (sec)	See note
CNP2LAT6	5092	-22.1-032.8	
	570	88888 Blank but applicable	
	25649	Blank	
5831-5835		SDST: Latency 7, trial 2 (sec)	See note
CNP2LAT7	5092	-54.9-038.3	
	570	88888 Blank but applicable	
	25649	Blank	
5836-5840		SDST: Latency 8, trial 2 (sec)	See note
CNP2LAT8	5092	-20.6-025.5	
	570	88888 Blank but applicable	
	25649	Blank	
5841-5845		SDST: Latency 9, trial 2 (sec)	See note
CNP2LAT9	5092	-86.9-052.1	
	570	88888 Blank but applicable	
	25649	Blank	
5846-5851		SDST: Total latency, trial 2 (sec)	See note
CNP2TOTL	5092	003.79-467.95	
	570	888888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SYMBOL DIGIT SUBSTITUTION TEST (SDST)

Positions SAS name	Counts	Item description and code	Notes
5852-5853 CNPCORR2		SDST summary: Number of correct responses for latencies 2 through 9, trial 2	
	4	00	
	7	01	
	10	02	
	26	03	
	34	04	
	75	05	
	158	06	
	539	07	
	4239	08	
	570	88 Blank but applicable	
	25649	Blank	
5854-5859 CNPCLAT2		SDST summary: Error-corrected latency for trial 2 - total latency/number of correct responses (sec)	See note
	5088	001.51-104.18	
	570	888888 Blank but applicable	
	25653	Blank	
5860-5861 CNP3ERR		SDST: Number of errors, trial 3	
	4103	00 None	
	658	01 1 error	
	179	02 2 errors	
	63	03 3 errors	
	46	04 4 errors	
	16	05 5 errors	
	12	06 6 errors	
	4	07 7 errors	
	7	08 8 errors	
	4	09 9 errors	
	570	88 Blank but applicable	
	25649	Blank	
5862-5866 CNP3LAT1		SDST: Latency 1, trial 3 (sec)	See note
	5092	-24.4-040.1	
	570	88888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SYMBOL DIGIT SUBSTITUTION TEST (SDST)

Positions SAS name	Counts	Item description and code	Notes
5867-5871		SDST: Latency 2, trial 3 (sec)	See note
CNP3LAT2	5092	-24.8-032.4	
	570	88888 Blank but applicable	
	25649	Blank	
5872-5876		SDST: Latency 3, trial 3 (sec)	See note
CNP3LAT3	5092	-23.6-042.5	
	570	88888 Blank but applicable	
	25649	Blank	
5877-5881		SDST: Latency 4, trial 3 (sec)	See note
CNP3LAT4	5092	-0038-041.7	
	570	88888 Blank but applicable	
	25649	Blank	
5882-5886		SDST: Latency 5, trial 3 (sec)	See note
CNP3LAT5	5092	-31.8-029.2	
	570	88888 Blank but applicable	
	25649	Blank	
5887-5891		SDST: Latency 6, trial 3 (sec)	See note
CNP3LAT6	5092	-32.2-034.6	
	570	88888 Blank but applicable	
	25649	Blank	
5892-5896		SDST: Latency 7, trial 3 (sec)	See note
CNP3LAT7	5092	-23.8-034.9	
	570	88888 Blank but applicable	
	25649	Blank	
5897-5901		SDST: Latency 8, trial 3 (sec)	See note
CNP3LAT8	5092	-25.4-037.7	
	570	88888 Blank but applicable	
	25649	Blank	
5902-5906		SDST: Latency 9, trial 3 (sec)	See note
CNP3LAT9	5092	-15.4-00027	
	570	88888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SYMBOL DIGIT SUBSTITUTION TEST (SDST)

Positions SAS name	Counts	Item description and code	Notes
5907-5912 CNP3TOTL	5092	SDST: Total latency, trial 3 (sec) 008.49-145.23	See note
	570	888888 Blank but applicable	
	25649	Blank	
5913-5914 CNPCORR3		SDST summary: Number of correct responses for latencies 2 through 9, trial 3	
	5	00	
	7	01	
	11	02	
	17	03	
	39	04	
	63	05	
	154	06	
	600	07	
	4196	08	
	570	88 Blank but applicable	
	25649	Blank	
5915-5920 CNPCLAT3		SDST summary: Error-corrected latency for trial 3 - total latency/number of correct responses (sec)	See note
	5087	001.21-105.03	
	570	888888 Blank but applicable	
	25654	Blank	
5921-5922 CNP4ERR	3971	SDST: Number of errors, trial 4 00 None	
	708	01 1 error	
	229	02 2 errors	
	108	03 3 errors	
	46	04 4 errors	
	22	05 5 errors	
	3	06 6 errors	
	2	07 7 errors	
	2	08 8 errors	
	1	09 9 errors	
	570	88 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SYMBOL DIGIT SUBSTITUTION TEST (SDST)

Positions SAS name	Counts	Item description and code	Notes
5923-5927		SDST: Latency 1, trial 4 (sec)	See note
CNP4LAT1	5092	-25.8-099.9	
	570	88888 Blank but applicable	
	25649	Blank	
5928-5932		SDST: Latency 2, trial 4 (sec)	See note
CNP4LAT2	5092	-88.2-087.2	
	570	88888 Blank but applicable	
	25649	Blank	
5933-5937		SDST: Latency 3, trial 4 (sec)	See note
CNP4LAT3	5092	-26.4-076.6	
	570	88888 Blank but applicable	
	25649	Blank	
5938-5942		SDST: Latency 4, trial 4 (sec)	See note
CNP4LAT4	5092	-15.7-024.8	
	570	88888 Blank but applicable	
	25649	Blank	
5943-5947		SDST: Latency 5, trial 4 (sec)	See note
CNP4LAT5	5092	-22.2-035.8	
	570	88888 Blank but applicable	
	25649	Blank	
5948-5952		SDST: Latency 6, trial 4 (sec)	See note
CNP4LAT6	5092	-32.9-030.8	
	570	88888 Blank but applicable	
	25649	Blank	
5953-5957		SDST: Latency 7, trial 4 (sec)	See note
CNP4LAT7	5092	-17.2-024.5	
	570	88888 Blank but applicable	
	25649	Blank	
5958-5962		SDST: Latency 8, trial 4 (sec)	See note
CNP4LAT8	5092	-28.3-034.8	
	570	88888 Blank but applicable	
	25649	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SYMBOL DIGIT SUBSTITUTION TEST (SDST)

Positions / SAS name	Counts	Item description and code	Notes
5963-5967		SDST: Latency 9, trial 4 (sec)	See note
CNP4LAT9	5092	-18.3-034.2	
	570	88888 Blank but applicable	
	25649	Blank	
5968-5973		SDST: Total latency, trial 4 (sec)	See note
CNP4TOTL	5092	010.29-178.86	
	570	888888 Blank but applicable	
	25649	Blank	
5974-5975		SDST summary: Number of correct responses for latencies 2 through 9, trial 4	
CNPCORR4			
	1	00	
	3	01	
	2	02	
	19	03	
	39	04	
	103	05	
	199	06	
	678	07	
	4048	08	
	570	88 Blank but applicable	
	25649	Blank	
5976-5981		SDST summary: Error-corrected latency for trial 4 - total latency/number of correct responses (sec)	See note
CNPCLAT4			
	5091	001.36-138.71	
	570	888888 Blank but applicable	
	25650	Blank	
5982-5986		SDST summary: Mean of the two lowest error-corrected latencies (sec/correct digit)	See note
CNPCBEST			
	5077	01.38-022.2	
	570	88888 Blank but applicable	
	25664	Blank	

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SERIAL DIGIT LEARNING TEST (SDLT)

Positions SAS name	Counts	Item description and code		Notes
5987		SDLT: Total 0 trials		
CNPT0TRA	4388	1	1 trial 0	
	510	2	2 trial 0	
	52	3	3 trial 0	
	11	4	4 trial 0	
	1	5	5 trial 0	
	700	8	Blank but applicable	
	25649	Blank		
5988		SDLT: Score, trial 1		See note
CNP1SCOR	608	0	Correct	
	976	1	2/3 correct	
	3378	2	Incorrect	
	700	8	Blank but applicable	
	25649	Blank		
5989		SDLT: Score, trial 2		See note
CNP2SCOR	1518	0	Correct	
	1098	1	2/3 correct	
	2346	2	Incorrect	
	700	8	Blank but applicable	
	25649	Blank		
5990		SDLT: Score, trial 3		See note
CNP3SCOR	1783	0	Correct	
	929	1	2/3 correct	
	1748	2	Incorrect	
	700	8	Blank but applicable	
	26151	Blank		
5991		SDLT: Score, trial 4		See note
CNP4SCOR	1465	0	Correct	
	795	1	2/3 correct	
	1325	2	Incorrect	
	700	8	Blank but applicable	
	27026	Blank		

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SERIAL DIGIT LEARNING TEST (SDLT)

Positions SAS name	Counts	Item description and code		Notes
5992		SDLT: Score, trial 5		See note
CNP5SCOR	1103	0	Correct	
	620	1	2/3 correct	
	1100	2	Incorrect	
	700	8	Blank but applicable	
	27788	Blank		
5993		SDLT: Score, trial 6		See note
CNP6SCOR	790	0	Correct	
	552	1	2/3 correct	
	893	2	Incorrect	
	700	8	Blank but applicable	
	28376	Blank		
5994		SDLT: Score, trial 7		See note
CNP7SCOR	658	0	Correct	
	450	1	2/3 correct	
	731	2	Incorrect	
	700	8	Blank but applicable	
	28772	Blank		
5995		SDLT: Score, trial 8		See note
CNP8SCOR	518	0	Correct	
	396	1	2/3 correct	
	618	2	Incorrect	
	700	8	Blank but applicable	
	29079	Blank		
5996-5997		SDLT summary: Trials to criterion		
CNPTSTOC	502	02		
	875	03		
	762	04		
	588	05		
	396	06		
	307	07		
	1463	08		
	69	09		
	700	88	Blank but applicable	
	25649	Blank		

CENTRAL NERVOUS SYSTEM FUNCTION EVALUATION

SERIAL DIGIT LEARNING TEST (SDLT)

Positions SAS name	Counts	Item description and code		Notes
5998-5999		SDLT summary: Total score		
CNPTTSCR	4962	00-16		
	700	88	Blank but applicable	
	25649	Blank		

NOTES

CNP1LAT1-CNP1LAT9, CNP2LAT1-CNP2LAT9, CNP3LAT1-CNP3LAT9, CNP4LAT1-CNP4LAT9: Latencies for trials 1-4

A total of five trials were conducted in the Symbol Digit Substitution Test (SDST), a practice trial (not included in these data) and four actual trials (trials 1-4). The practice trial was primarily for training the examinee in the test procedure. It did not accept incorrect responses, and data from the practice trial are not included in this file. If the examinee entered an incorrect digit, a short beep sounded, and no digit was entered on the screen; to proceed, a correct digit had to be entered. If the examinee made more than four errors during the practice trial, the trial was repeated. If the examinee made more than four errors on the second attempt of the practice trial, the test was discontinued, and the next test was initiated automatically. Symbols and digits were paired differently on each trial. Although incorrect responses were allowed on the four actual trials, more than four errors resulted in a message emphasizing the need to avoid errors.

These variables represent the latency to enter each of the nine digits of each trial. Incorrect responses were reported as negative values.

CNP1SCOR-CNP8SCOR: Serial Digit Learning Test (SDLT) score

Note that to allow comparison with NES2 results from other settings the scoring convention for this variable differs from that usually applied to the NHANES III data, where 0 indicates none or never. Examinees received a score of 0 if all eight digits were entered correctly, 1 if six or seven digits were entered correctly, and 2 if fewer than six digits were entered correctly.

CNP1TOTL, CNP2TOTL, CNP3TOTL, CNP4TOTL: Total latency, trials 1-4

CNP1TOTL represents the time elapsed on trial 1 from the time the first item was answered to the time the ninth item was answered. Therefore, it does not include the latency to respond to the first symbol.

CNP2LAT1-CNP2LAT9: Latencies for trial 2

See note for CNP1LAT1-CNP1LAT9.

CNP2TOTL: Total latency, trial 2

See note for CNP1TOTL.

CNP3LAT1-CNP3LAT9: Latencies for trial 3

See note for CNP1LAT1-CNP1LAT9.

CNP3TOTL: Total latency, trial 3

See note for CNP1TOTL.

CNP4LAT1-CNP4LAT9: Latencies for trial 4

See note for CNP1LAT1-CNP1LAT9.

CNP4TOTL: Total latency, trial 4

See note for CNP1TOTL.

CNPCBEST: Mean of two lowest error-corrected latencies

This single summary measure for the SDST is the mean of the error-corrected latencies (CNPCLAT1-CNPCLAT4) on the two best (lowest latency) of the four trials. The units for this summary measure are "sec/correct digit."

CNPCLAT1, CNPCLAT2, CNPCLAT3, CNPCLAT4: Error-corrected latency for trials 1-4

The error-corrected latency was calculated for each of the four actual trials. It is the mean number of seconds per correct digit for each trial, excluding the first item in the trial.

If the number of correct responses for latencies 2 through 9 was 0, CNPCLAT1 was set to missing (blank). Otherwise, CNPCLAT1=CNP1TOTL/CNPCORR1.

CNPCLAT2: Error-corrected latency for trial 2

See note for CNPCLAT1.

CNPCLAT3: Error-corrected latency for trial 3

See note for CNPCLAT1.

CNPCLAT4: Error-corrected latency for trial 4

See note for CNPCLAT1.

CNPMENRT: Mean reaction time

To calculate the mean reaction time, values from the first ten trials (CNPRT01-CNPRT10) were excluded as well as values from other trials that were greater than or equal to 750 msec or less than or equal to 50 msec. This mean may not be valid if the number of trials included in the average was less than 20.

CNPSDRT: Standard deviation of the reaction time

To calculate the standard deviation of the reaction time, values from the first ten trials (CNPRT01-CNPRT10) were excluded as well as values from other trials that were greater than or equal to 750 msec or less than or equal to 50 msec. This statistic may not be valid if the number of trials included in the calculation was less than 20.

FUNDUS PHOTOGRAPHY

A photograph of the ocular fundus of one eye was taken on examinees aged 40 years and over by a trained examiner in the mobile examination center (MEC). The protocol for this component did not detail any medical, safety or other exclusions. However, if the designated eye was unavailable due to an extremely small pupil, severe corneal or lens opacity, complete retinal detachment, or other reason, the other eye was photographed. If both eyes were unavailable, no photograph was taken.

Because the component was administered in the examination center, MEC examination weights (WTPFEX6) should be used for data analysis. For more information on the use of sample weights in the analysis of NHANES III data, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Photographs of the ocular fundus were taken to determine the presence of diabetic retinopathy, age-related maculopathy, and other retinal diseases that are the leading causes of vision loss in the United States. A non-stereoscopic, color, 45-degree photograph, centered between the optic nerve and the macula, was taken of one randomly selected eye. The camera used was a Canon CR4-45NM "non-mydriatic" fundus camera, which incorporated the use of an infrared video camera to allow photographs to be taken in a darkened examination room without the use of dilating drops.

In a darkened room, the sphincter muscle of the iris normally relaxes, allowing for dilation of the pupil, usually to 6-10 mm in diameter. The technician observed the eye's natural dilation on a special video monitor and took the color photograph with a single flash of white light. If the examinee wore a contact lens, the photograph was taken directly through the contact lens. The entire procedure usually took less than six minutes. Detailed information on the examination procedure is in the Fundus Photography chapter of the Health Technician's Manual (U.S. DHHS, 1996b).

The exposed film was mailed to the University of Wisconsin-Madison, Department of Ophthalmology, where it was processed by a local laboratory into transparencies that were evaluated for photographic quality.

The ocular fundus images on the final transparencies were reviewed by photograph graders to assess the presence of diabetic retinopathy, age-related maculopathy, and other retinal diseases. The grading system used for classifying diabetic retinopathy was based on a

modification of the Airlie House Classification Scheme (Diabetic Retinopathy Study Group, 1981; Klein, 1984; Klein, 1986; The Early Treatment Diabetic Retinopathy Study Group, 1991).

The Modified Airlie House Classification of Diabetic Retinopathy slide standards consist of 27 stereo pairs of color fundus photographs of

diabetic retinopathy and one slide depicting poor photographic quality. The standard slides show diabetic proliferative disease and are used for grading the severity of diabetic retinopathy. The set is available with a detailed chapter outlining its use and a sample grading form. Additional information is available from The Fundus Photograph Reading Center, c/o Michael Neider, WARF Building Room 450, 610 Walnut Street, Madison, WI 53705.

The fundus photography consultant provided extensive training to technicians at their time of hire, and each technician's performance was monitored in the field on a periodic basis.

Two sources of nonsampling or measurement error were monitored throughout the survey, the picture taking procedure and the image grading procedure. To ensure that adequate photographs were taken, the technicians' performance was monitored by a review of photographs at the University of Wisconsin and by review and retraining field visits. To evaluate the grading procedure, 1500 transparencies were chosen at random for use in assessing inter- and intra-grader reliability. The Kappa statistic was chosen to assess agreement (Fleiss, 1981). The measures of agreement were generally good to excellent and improved across time.

Data processing and editing were performed to ensure internal data consistency. Notes have been provided for variables requiring additional explanation.

FUNDUS PHOTOGRAPHY

INTRODUCTORY INFORMATION AND CONDITIONS AFFECTING RESULTS

Positions SAS name	Counts	Item description and code		Notes
6000		Photo taken?		See note
FPPPHOTO	9239	1	Yes	
	209	2	No	
	289	8	Blank but applicable	
	21574	Blank		
6001		Eye color: right eye		
FPP1A	1995	1	Blue	
	1567	2	Other	
	5301	3	Brown	
	874	8	Blank but applicable	
	21574	Blank		
6002		Eye color: left eye		
FPP1B	1991	1	Blue	
	1572	2	Other	
	5300	3	Brown	
	874	8	Blank but applicable	
	21574	Blank		
6003-6004		Pupil size before dilation in normal		
FPP2		room light (mm)		
	9102	00-10		
	635	88	Blank but applicable	
	21574	Blank		
6005-6006		Pupil size during photography as		
FPP3		measured on camera monitor (mm)		
	9058	00-12		
	679	88	Blank but applicable	
	21574	Blank		
6007-6008		Elapsed time between darkening room and		
FPP4MIN		taking photograph (min)		
	9059	00-50		
	678	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

INTRODUCTORY INFORMATION AND CONDITIONS AFFECTING RESULTS

Positions SAS name	Counts	Item description and code		Notes
6009-6010		Elapsed time between darkening room and		
FPP4SEC		taking photograph (sec)		
	9057	00-59		
	680	88	Blank but applicable	
	21574	Blank		
6011-6015		Photographer		
FPPPHTG	9456	01001-09018		
	281	88888	Blank but applicable	
	21574	Blank		
6016		Eye		
FPPEYE	4436	1	Right	
	4470	2	Left	
	831	8	Blank but applicable	
	21574	Blank		
6017-6019		Grader code		
FPP1005	4209	016	1st grader	
	4864	102	2nd grader	
	664	888	Blank but applicable	
	21574	Blank		
6020-6021		Fundus		See note
FPP1020	163	00	Absent (End)	
	8910	02	Present	
	664	88	Blank but applicable	
	21574	Blank		
6022-6023		Focus		
FPP1030	6721	00	Good/fair	
	1235	01	Borderline (can't grade small microaneurysms or drusen)	
	954	02	Poor	
	827	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

INTRODUCTORY INFORMATION AND CONDITIONS AFFECTING RESULTS

Positions SAS name	Counts	Item description and code		Notes
6024-6025		Field definition		
FPP1041	6418	00	Good	
	2228	01	Fair	
	206	02	Poor	
	58	08	Can't grade	
	827	88	Blank but applicable	
	21574		Blank	
6026-6027		Horizontal field definition		
FPP1046	7040	00	Good	
	514	01	Temporal	
	1295	02	Nasal	
	61	08	Can't grade	
	827	88	Blank but applicable	
	21574		Blank	
6028-6029		Vertical field definition		
FPP1047	7529	00	Good	
	1108	01	High	
	197	02	Low	
	76	08	Can't grade	
	827	88	Blank but applicable	
	21574		Blank	
6030-6031		Artifact present		
FPP1050	2035	00	None	
	6875	02	Yes	
	827	88	Blank but applicable	
	21574		Blank	
6032-6033		Type of artifact: haze		
FPP1051	3756	00	None	
	5154	02	Yes	
	827	88	Blank but applicable	
	21574		Blank	

FUNDUS PHOTOGRAPHY

INTRODUCTORY INFORMATION AND CONDITIONS AFFECTING RESULTS

Positions SAS name	Counts	Item description and code		Notes
6034-6035		Type of artifact: dust/dirt		
FPP1052	7291	00	None	
	1619	02	Yes	
	827	88	Blank but applicable	
	21574	Blank		
6036-6037		Type of artifact: lashes		
FPP1053	8328	00	None	
	582	02	Yes	
	827	88	Blank but applicable	
	21574	Blank		
6038-6039		Type of artifact: arc		
FPP1054	8477	00	None	
	433	02	Yes	
	827	88	Blank but applicable	
	21574	Blank		
6040-6041		Type of artifact: uneven illumination, center		
FPP1055	7950	00	None	
	960	02	Yes	
	827	88	Blank but applicable	
	21574	Blank		
6042-6043		Type of artifact: uneven illumination, edge		
FPP1056	8497	00	None	
	413	02	Yes	
	827	88	Blank but applicable	
	21574	Blank		
6044-6045		Type of artifact: central dot		
FPP1057	6545	00	None	
	2365	02	Yes	
	827	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

INTRODUCTORY INFORMATION AND CONDITIONS AFFECTING RESULTS

Positions SAS name	Counts	Item description and code		Notes
6046-6047		Type of artifact: other		
FPP1059	8638	00	None	
	272	02	Yes	
	827	88	Blank but applicable	
	21574	Blank		
6048-6049		Gradability		See note
FPP1060	7298	00	Entire field gradable	
	30	01	Disc ungradable	
	764	02	Portion of macula ungradable	
	357	03	Macula ungradable	
	77	04	Portion of disc/macula ungradable	
	77	05	Disc and macula ungradable	
	307	06	Entire field ungradable (End)	
	827	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6050-6052		Diabetic retinopathy level		See note
FPP1070	7523	010	No retinopathy	
	93	011	Questionable retinopathy	
	55	012	Non-diabetic retinopathy	
	30	014	Hard exudates, soft exudates, intraretinal microvascular abnormalities (IRMA), without microaneurysms	
	66	015	Hemorrhages only, no microaneurysms	
	219	020	Microaneurysms only	
	113	031	Early non-proliferative diabetic retinopathy	
	82	041	Moderate non-proliferative diabetic retinopathy	
	14	051	Severe non-proliferative diabetic retinopathy	
	5	060	Fibrous proliferation only	
	5	065	Proliferative diabetic retinopathy (PDR) less than diabetic retinopathy standards (DRS) high risk characteristics (HRC) for severe visual loss	
	3	070	PDR greater than or equal to DRS HRC for severe visual loss	
	395	088	Can't grade	
	1134	888	Blank but applicable	
	21574	Blank		
6053-6054		Hemorrhages or microaneurysms		
FPP1080	7579	00	None	
	92	01	Questionable	
	521	02	Less than DRS 2A	
	18	03	Greater than or equal to DRS 2A	
	393	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6055-6056		Hard exudates		
FPP1090	8055	00	None	
	38	01	Questionable	
	61	02	Less than DRS 3	
	99	03	Greater than or equal to DRS 3	
	350	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6057-6058		Soft exudates		
FPP1100	8180	00	None	
	36	01	Questionable	
	118	02	Present	
	269	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6059-6060		Intraretinal microvascular abnormalities		
FPP1110		(IRMA)		
	8107	00	None	
	37	01	Questionable	
	43	02	Present	
	416	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6061-6062		Venous beading		
FPP1120	8345	00	None	
	8	01	Questionable	
	5	02	Present	
	245	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6063-6064		New vessels in disc		
FPP1130	8463	00	None	
	7	01	Questionable	
	1	02	Less than DRS 10A	
	2	03	Greater than or equal to DRS 10A	
	130	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6065-6066		New vessels elsewhere		
FPP1140	8423	00	None	
	6	01	Questionable	
	4	02	Less than 1/2 disc area	
	1	03	Greater than or equal to 1/2 disc area	
	169	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6067-6068		Fibrous proliferation		
FPP1150	8482	00	None	
	6	01	Questionable	
	6	02	Fibrous proliferation elsewhere (FPE) only	
	1	03	Fibrous proliferation disc (FPD) only	
	3	04	FPE and FPD	
	105	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6069-6070		Pre-retinal hemorrhage or vitreous		
FPP1160		hemorrhage		
	8498	00	None	
	3	01	Questionable	
	1	02	Preretinal hemorrhage (PRH) only	
	1	03	Vitreous hemorrhage (VH) only	
	100	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6071-6072		Other abnormalities		
FPP1170	6266	00	No	
	2337	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6073-6074		Degeneration of retinal pigment		
FPP1172		epithelium (RPE)		
	8321	00	None	
	138	01	Questionable	
	144	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6075-6076		Central circle RPE degeneration		
FPP1173	8485	00	None	
	118	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6077-6078		Geographic atrophy		
FPP1174	8563	00	None	
	8	01	Questionable	
	32	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6079-6080		Central circle geographic atrophy		
FPP1175	8576	00	None	
	27	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6081-6082		Sub-retinal hemorrhage		
FPP1176	8592	00	None	
	3	01	Questionable	
	8	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6083-6084		Central circle sub-retinal hemorrhage		
FPP1177	8600	00	None	
	3	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6085-6086		Sub-retinal fibrous scar		
FPP1178	8579	00	None	
	3	01	Questionable	
	21	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6087-6088		Central circle sub-retinal fibrous scar		
FPP1179	8584	00	None	
	19	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6089-6090		Sensory serous (sub-retinal) detachment		
FPP1180	8573	00	None	
	19	01	Questionable	
	11	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6091-6092		Central circle sensory serous (sub-retinal) detachment		
FPP1181				
	8594	00	None	
	9	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6093-6094		Hyperpigmentation		
FPP1182	8360	00	None	
	58	01	Questionable	
	185	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6095-6096		Central circle hyperpigmentation		
FPP1183	8463	00	None	
	140	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6097-6098		Chorioretinal abnormalities, other		
FPP1184	8542	00	None	
	7	01	Questionable	
	54	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6099-6100		Central circle chorioretinal		
FPP1185		abnormalities, other		
	8575	00	None	
	28	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6101-6102		Peripapillary atrophy		
FPP1186	8196	00	None	
	91	01	Questionable	
	316	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6103-6104		Branch or central artery occlusion		
FPP1188	8598	00	None	
	2	01	Questionable	
	3	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6105-6106		Central circle branch or central artery		
FPP1189		occlusion		
	8602	00	None	
	1	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6107-6108		Branch vein occlusion		
FPP1190	8560	00	None	
	19	01	Questionable	
	24	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6109-6110		Central circle branch vein occlusion		
FPP1191	8600	00	None	
	3	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6111-6112		Central vein occlusion		
FPP1192	8600	00	None	
	3	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6113-6114		Central circle central vein occlusion		
FPP1193	8601	00	None	
	2	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6115-6116		Significant arterio-venous nicking		
FPP1194	8536	00	None	
	36	01	Questionable	
	31	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6117-6118		Hollenhorst plaque		
FPP1196	8588	00	None	
	9	01	Questionable	
	6	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6119-6120		Central circle Hollenhorst plaque		
FPP1197	8603	00	None	
	1134	88	Blank but applicable	
	21574	Blank		
6121-6122		Asteroid hyalosis		
FPP1198	8559	00	None	
	5	01	Questionable	
	39	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6123-6124		Central circle asteroid hyalosis		
FPP1199	8579	00	None	
	24	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6125-6126		Nevus		
FPP1200	8469	00	None	
	54	01	Questionable	
	80	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6127-6128		Central circle nevus		
FPP1201	8595	00	None	
	8	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6129-6130		Surface wrinkling retinopathy		
FPP1202	8017	00	None	
	165	01	Questionable	
	421	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6131-6132 FPP1203		Central circle surface wrinkling retinopathy		
	8466	00	None	
	137	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6133-6134 FPP1204		Abnormal disc		
	8568	00	None	
	18	01	Questionable	
	17	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6135-6136 FPP1205		Large cup-to-disc ratio		
	8078	00	None	
	333	01	Questionable	
	192	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6137-6138 FPP1206		Histoplasmosis (POHS)		
	8596	00	None	
	2	01	Questionable	
	5	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6139-6140 FPP1207		Central circle histoplasmosis (POHS)		
	8601	00	None	
	2	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6141-6142		Clinically significant macular edema		
FPP1208		based on hard exudates		
	8560	00	None	
	16	01	Questionable	
	27	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6143-6144		Central circle clinically significant		
FPP1209		macular edema based on hard exudates		
	8580	00	None	
	23	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6145-6146		Retinal detachment		
FPP1210	8599	00	None	
	1	01	Questionable	
	3	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		
6147-6148		Central circle retinal detachment		
FPP1211	8603	00	None	
	1134	88	Blank but applicable	
	21574	Blank		
6149-6150		Photocoagulation treatment in arcades		
FPP1212	8578	00	None	
	4	01	Questionable	
	21	02	Yes	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6151-6152 FPP1214		Photocoagulation treatment outside arcades		
	8581	00	None	
	2	01	Questionable	
	20	02	Yes	
	1134	88	Blank but applicable	
	21574		Blank	
6153-6154 FPP1220		Other miscellaneous abnormalities		
	8059	00	None	
	97	01	Questionable	
	447	02	Yes	
	1134	88	Blank but applicable	
	21574		Blank	
6155-6156 FPP1221		Other miscellaneous central circle abnormalities		
	8563	00	None	
	40	02	Yes	
	1134	88	Blank but applicable	
	21574		Blank	
6157-6158 FPP1228		Answer drusen questions		
	1620	00	No	
	6867	02	Yes	
	116	08	Can't grade	
	1134	88	Blank but applicable	
	21574		Blank	
6159-6160 FPP1230		Hard drusen		See note
	1824	00	None	
	849	01	Questionable	
	5511	02	Yes	
	419	08	Can't grade	
	1134	88	Blank but applicable	
	21574		Blank	

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6161-6162		Soft drusen		See note
FPP1240	7167	00	None	
	391	01	Questionable	
	926	02	Yes	
	119	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6163-6164		Drusen area: grid		See note
FPP1250	3391	00	None	
	2786	01	Less than a circle of 95 microns in diameter (standard circle C0)	
	1719	02	Less than a circle of 375 microns in diameter (standard circle C2)	
	351	03	Less than a circle of 960 microns in diameter (standard circle O2)	
	147	04	Greater than or equal to a circle of 960 microns in diameter (standard circle O2)	
	209	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6165-6166		Drusen area: outside		See note
FPP1260	5096	00	None	
	2131	01	Less than a circle of 95 microns in diameter (standard circle C0)	
	872	02	Less than a circle of 375 microns in diameter (standard circle C2)	
	213	03	Less than a circle of 960 microns in diameter (standard circle O2)	
	132	04	Greater than or equal to a circle of 960 microns in diameter (standard circle O2)	
	159	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

FINDINGS

Positions SAS name	Counts	Item description and code		Notes
6167-6168		Drusen area: central circle		See note
FPP1262	5513	00	None	
	1881	01	Less than a circle of 95 microns in diameter (standard circle C0)	
	561	02	Less than a circle of 375 microns in diameter (standard circle C2)	
	125	03	Less than a circle of 960 microns in diameter (standard circle O2)	
	16	04	Greater than or equal to a circle of 960 microns in diameter (standard circle O2)	
	507	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6169-6170		Drusen area: inner circle		See note
FPP1264	4063	00	None	
	2682	01	Less than a circle of 95 microns in diameter (standard circle C0)	
	1308	02	Less than a circle of 375 microns in diameter (standard circle C2)	
	251	03	Less than a circle of 960 microns in diameter (standard circle O2)	
	122	04	Greater than or equal to a circle of 960 microns in diameter (standard circle O2)	
	177	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6171-6172		Central circle soft drusen		See note
FPP1266	7772	00	None	
	71	01	Questionable	
	297	02	Yes	
	463	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		

FUNDUS PHOTOGRAPHY

SUMMARY SCORES

Positions SAS name	Counts	Item description and code		Notes
6173-6174		Summary diabetic retinopathy score		See note
FPPSURET	7764	00	None	
	327	01	Mild	
	94	02	Moderate	
	26	03	Proliferative	
	392	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6175-6176		Summary age-related maculopathy score		See note
FPPSUMAC	7268	00	None	
	885	01	Early	
	55	02	Late	
	395	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		
6177-6178		Summary drusen score		See note
FPPSUDRU	1979	00	None	
	867	01	Questionable	
	5640	02	Present	
	117	08	Can't grade	
	1134	88	Blank but applicable	
	21574	Blank		

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NOTES

FPP1020: Fundus

When the fundus was absent (FPP1020=00), the grader was instructed to stop. All ensuing fields, FPP1030 through FPP1270, were then left blank by the grader. During data processing, the blank fields were recoded "88 Blank but applicable."

FPP1060: Gradability status

Not all photographs were gradable. The principal reasons were related to the camera (e.g., malfunction, poor focus, dirty lens) and to the examinee (e.g., cataracts, eye movement, corneal change, poor pupil dilation, lens implants). The grader was instructed to stop when the entire field was ungradable (FPP1060=06), at which point the remaining fields were left blank. During data processing, the blank fields were recoded "88 Blank but applicable."

FPP1070: Diabetic retinopathy level

This variable represents the current state of severity of retinopathy in the eye. As such, it differs from the summary diabetic retinopathy score (FPPSURET) which represents the combination of current and past retinopathy status.

FPP1230-FPP1266: Drusen details

Drusen vary in appearance, merging at one end of the spectrum with the normal fundus background and at the other end with diffuse degeneration of the retinal pigment epithelium. Typical small drusen usually appear as individual, round, flat spots in the plane of the retinal pigment epithelium. They may be pale yellowish-white, contrasting sharply with the surrounding retinal pigment epithelium, or only slightly more pale than the retinal pigment epithelium and easily overlooked, even with careful examination of well-focused photographs. Larger drusen typically are yellow-white in color and often have visible thickness. Some have sharp margins and a solid, nodular appearance, whereas others have indistinct margins and a softer, more liquid appearance. Drusen may be distributed as individual spots or may appear to merge with adjacent drusen.

In NHANES III, two characteristics of drusen type (hard or soft) and area were graded in a semi-quantitative fashion within and outside the grid. Small punctate drusen (usually less than 95 microns in diameter) were classified as hard drusen; larger drusen were classified as soft. No attempt was made to further characterize soft drusen by appearance as soft distinct or

indistinct.

Drusen area was estimated within a central circle of the grid, within the grid, and outside the grid. The area covered by drusen was estimated by mentally moving together all hard or soft drusen as if they were confluent and comparing this area with those of standard circles. The estimate of drusen area was classified into one of four categories: smaller than a circle with a diameter of 95 microns (comparable to the 63-micron diameter circle used in a 30-degree field), smaller than a circle with a diameter of 375 microns (250-micron diameter in a 30-degree field), smaller than a circle with a diameter of 960 microns (640-micron diameter in a 30-degree field), or equal to or larger than a circle with a diameter of 960 microns.

FPPPHOTO: Photographic status

Fundus photographs were not taken on all examinees who came to the mobile examination center. The principal reasons were refusal to cooperate, equipment failure, physical inability, and insufficient time.

FPPSUDRU: Summary drusen score

The summary drusen score was derived from a combination of values from several variables.

Definite drusen present: FPP1230, hard drusen, and/or FPP1240, soft drusen, were coded "02 Yes."

Questionable drusen present: Definite drusen were not present, and FPP1230, hard drusen, and/or FPP1240, soft drusen, were/was coded "01 Questionable."

No drusen present: Neither definite nor questionable drusen was present, and FPP1230, hard drusen, and/or FPP1240, soft drusen, were/was coded "00 None."

Cannot grade drusen: FPP1230, hard drusen, and FPP1240, soft drusen, were both coded "08 Can't grade."

Blank but applicable: FPP1060, gradability, was coded "06 Entire field ungradable," or FPP1020, fundus, was coded "00 Absent" or "88 Blank but applicable."

FPPSUMAC: Summary age-related maculopathy score

The summary age-related maculopathy score was derived from a combination of values from several variables. A detailed description of lesions as defined by the Wisconsin Age-Related Maculopathy Grading System is available (Klein, 1991; NTIS, 1991).

Late age-related maculopathy: At least one of the following variables was coded "02 Yes."

FPP1174, geographic atrophy
FPP1176, sub-retinal hemorrhage
FPP1178, sub-retinal fibrous scar
FPP1180, sensory serous (sub-retinal) detachment

Early age-related maculopathy: At least one of the following three sets of conditions was met.

FPP1172, degeneration of retinal pigment epithelium (RPE), was coded "02 Yes," and (FPP1230, hard drusen, and/or FPP1240, soft drusen, were/was coded "02 Yes").

FPP1182, hyperpigmentation, was coded "02 Yes," and (FPP1230, hard drusen, and/or FPP1240, soft drusen, were/was coded "02 Yes").

FPP1240, soft drusen, was coded "02 Yes," and FPP1250, grid area, was coded 02-04 (equal to or greater than a circle 95 microns in diameter).

No age-related maculopathy: Early and late age-related maculopathy definitions were not met, and FPP1240, soft drusen, was coded 00-02 (gradable).

"Cannot grade" age-related maculopathy: Early and late age-related maculopathy definitions were not met, and FPP1240, soft drusen, was coded "08 Can't grade."

Blank but applicable: FPP1060, gradability, was coded "06 Entire field ungradable," or FPP1020, fundus, was coded "00 Absent" or "88 Blank but applicable."

FPPSURET: Summary diabetic retinopathy score

The summary diabetic retinopathy score was derived from a combination of values from several variables. That is, it combines the diabetic retinopathy level variable (FPP1070) and history of treatment for proliferative diabetic retinopathy (using the photocoagulation treatment outside the arcades variable (FPP1214) as a marker). A detailed description of lesions as defined by The Early Treatment Diabetic Retinopathy Study (ETDRS) is available in the ETDRS report #10 (The Early Treatment Diabetic Retinopathy Study, 1991). The NHANES III fundus photo grading protocol (NTIS, 1995) describes methods of assigning diabetic levels.

Proliferative diabetic retinopathy: At least one of the following two sets of conditions was met.

FPP1070, diabetic retinopathy level, was coded 060-070.

FPP1070, diabetic retinopathy level, has a code of anything other than "012 Non-diabetic retinopathy," and FPP1214, photocoagulation treatment outside arcades, was coded "02 Yes."

Moderate/severe non-proliferative retinopathy: FPP1070, diabetic retinopathy level, was coded "041 Moderate non-proliferative" or "051 Severe non-proliferative."

Mild non-proliferative retinopathy: FPP1070, diabetic retinopathy level, was coded "020 Microaneurysms only" or "031 Early non-proliferative."

No diabetic retinopathy: FPP1070, diabetic retinopathy level, was coded 010-015.

"Cannot grade" diabetic retinopathy: FPP1070, diabetic retinopathy level, was coded "088 Can't grade."

Blank but applicable: FPP1060, gradability, was coded "06 Entire field ungradable," or FPP1020, fundus, was coded "00 Absent" or "88 Blank but applicable."

PHYSICAL FUNCTION EVALUATION

Physical function (PF) was evaluated on examinees aged 60 years and over by a trained examiner using a battery of physical performance measures in the mobile examination center (MEC) and at examinees'homes. The protocol for this component did not detail any medical, safety or other exclusions.

To determine which sample persons were home examinees, the DMPSTAT variable (3=home-examined) should be used. When analyzing data for combined home-examined and MEC-examined persons, the combined MEC- plus home-examined sample weight should be used (WTPFHX6). When using only MEC items or measures, the MEC examination sample weight should be used (WTPFEX6). For more information on the use of sample weights in NHANES III data analysis, refer to the NHANES III Analytic and Reporting Guidelines (U.S. DHHS, 1996b).

Physical function was tested using certain movements that represent musculoskeletal activities needed to carry out daily activities. Gross shoulder joint movement, fine motor hand movement, lower extremity motor functions, and integrated movement of balance and gait were determined. Upper extremity functions were evaluated using Jette and Branch (1984) right and left shoulder, external and internal rotations (PFPRSER, PFPLSER, PFPRSIR, and PFPLSIR). The fine motor function examination was a modification of a manual ability examination in which a key was inserted into a lock and then was turned (PFPTKEY) (Williams, 1982). The lower extremity motor, balance, and gait evaluation items included time to get up from an armless chair five times (PFPTSTND), a full tandem stand with the heel of one foot directly in front of the toes of the other foot for a maximum time of 10 seconds (PFPTTAND), and left and right knee flexing (PFPLFLEX and PFPRFLEX). An eight-foot walk performed twice at the usual walking speed (PFPTWLKA, PFPTWLKB, PFPNSTPA, and PFPNSTPB) was used also (Jette, 1985; Tinetti, 1986; Nevitt, 1989).

Items were scored by measuring the time required to perform the maneuver (lock and key, chair rising, tandem stand, eight-foot walk), by using scoring rules (shoulder rotation, knee flexing), and by counting steps (eight-foot walk).

Examinees who were unable to perform a specific maneuver either because they felt that it would have been unsafe or because they knew they were unable to do it for reasons related to physical limitations or health conditions were not required to make an attempt. For example, if an examinee was in a wheelchair and was not able to stand up, he/she skipped the following maneuvers: time to complete five chair stands (PFPTSTND), right and left knee-hip flexion (PFPRFLEX and PFPLFLEX), and tandem stand (PFPTTAND). The examinee was then asked, "Are you able to walk alone without holding on to another person? You may use a cane or walker." If he/she answered affirmatively, the examinee did the measured walking (PFPTWLKA, PFPTWLKB, PFPNSTPA, and PFPNSTPB); otherwise, he/she skipped the measured walking and ended the test. In the data set, examinees unable to complete the maneuver for these reasons were coded as "Blank," whereas examinees who did not perform the

test for reasons unrelated to physical limitations were coded as "8 Blank but applicable."

Persons aged 60 and over who refused or were unable to come to the mobile examination center (MEC) were tested in their homes. Persons found to be bedbound were excluded from the lower extremities part of the PF evaluation (HXPBED). Aside from using an accessible, armless chair in the examinees' homes (HXPCHIR), technicians used equipment and procedures comparable to those used in the MEC.

Because technicians used equipment and procedures in examinees' homes that were comparable to those used in the MEC, the home PF values were incorporated into the MEC PF measures data set.

Refer to the Physical Function Examination Manual (U.S. DHHS, 1996b) and the Home Examination Manual (U.S. DHHS, 1996b) for descriptions of data collection procedures and methods.

At the time of hire, MEC and home examination health technicians were trained to conduct the physical function evaluation. During annual site visits, examination administration was observed, and re-training took place. Applicable parts of the National Institute on Aging video "Assessing Physical Performance in the Home-Part 1" were used to demonstrate the PF procedures during initial training and re-training (NIA, 1988).

Data processing and editing were performed to ensure internal data consistency. Notes have been provided for variables requiring additional explanation.

PHYSICAL FUNCTION EVALUATION

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code		Notes
6179-6180		Health status screener		
PFPHHS	4681	01	No apparent restriction	
	287	02	Presently in wheelchair	
	38	03	Recent surgery	
	56	04	Injury	
	23	05	Bedridden	
	228	06	Other health condition	
	90	07	Other	
	321	88	Blank but applicable	
	25587	Blank		

PHYSICAL FUNCTION EVALUATION

SHOULDER EXERCISES

Positions SAS name	Counts	Item description and code		Notes
6181		Right shoulder external rotation		
PFPRSER	4654	1	Full	
	644	2	Partial	
	83	3	Unable	
	343	8	Blank but applicable	
	25587	Blank		
6182		Left shoulder external rotation		
PFPLSER	4640	1	Full	
	653	2	Partial	
	91	3	Unable	
	340	8	Blank but applicable	
	25587	Blank		
6183		Right shoulder internal rotation		
PFPRSIR	4949	1	Full	
	346	2	Partial	
	87	3	Unable	
	342	8	Blank but applicable	
	25587	Blank		
6184		Left shoulder internal rotation		
PFPLSIR	4965	1	Full	
	323	2	Partial	
	96	3	Unable	
	340	8	Blank but applicable	
	25587	Blank		

PHYSICAL FUNCTION EVALUATION

KEY IN LOCK TIMED MANEUVER

Positions SAS name	Counts	Item description and code		Notes
6185		Ability to pick up key		See note
PFPUKEY	5277	1	Yes	
	65	2	No (PFPWC)	
	382	8	Blank but applicable	
	25587	Blank		
6186		Ability to hold key		
PFPHKEY	5214	1	Yes	
	62	2	No (PFPWC)	
	383	8	Blank but applicable	
	25652	Blank		
6187-6190		Time to unlock lock (sec)		See note
PFPTKEY	5153	0002-0060		
	444	8888	Blank but applicable	
	25714	Blank		
6191		Check item--bedbound (home exam only)		
HXPBED	27	1	Yes (PFPTECH)	
	389	2	No	
	6	8	Blank but applicable	
	30889	Blank		

PHYSICAL FUNCTION EVALUATION

SINGLE CHAIR STAND

Positions SAS name	Counts	Item description and code		Notes
6192		In wheelchair (MEC only)		
PFPWC	274	1	Yes	
	4707	2	No (PFPSCOOT)	
	321	8	Blank but applicable	
	26009	Blank		
6193		Can you get up from your chair/wheelchair by yourself?		See note
PFPUPWC	192	1	Yes	
	96	2	No (PFPOWALK)	
	322	8	Blank but applicable	
	30701	Blank		
6194		Use of arms to scoot forward		
PFPSCOOT	3180	1	Yes	
	1938	2	No	
	94	3	Unable to move	
	389	8	Blank but applicable	
	25710	Blank		
6195		Ability to stand		See note
PFPUSTND	4865	1	Yes, without arms	
	182	2	Yes, with arms for pushing off (PFPRFLEX)	
	160	3	Unable (PFPOWALK)	
	394	8	Blank but applicable	
	25710	Blank		

PHYSICAL FUNCTION EVALUATION

REPEATED CHAIR STAND TIMED MANEUVER

Positions SAS name	Counts	Item description and code	Notes
6196-6199		Time to complete five stands (sec)	See note
PFPTSTND	1	0.0	
	4821	0002-92.3	
	16	5555 Able to stand but unable to do the maneuver	
	421	8888 Blank but applicable	
	26052	Blank	
6200-6201		Number of stands	
PFPNSTND	3	01 1 stand	
	3	02 2 stands	
	7	03 3 stands	
	2	04 4 stands	
	4805	05 5 stands	
	16	55 Able to stand but unable to do the maneuver	
	423	88 Blank but applicable	
	26052	Blank	
6202-6205		Chair height home exam only (in)	
HXPCHAIR	1	12.0	
	14	13.0	
	18	14.0	
	2	15.0	
	9	16.0	
	90	17.0	
	55	18.0	
	15	19.0	
	1	20.0	
	70	8888 Blank but applicable	
	31036	Blank	

PHYSICAL FUNCTION EVALUATION

HIP AND KNEE EXERCISES

Positions SAS name	Counts	Item description and code		Notes
6206		Right hip and knee flexion		
PFPRFLEX	4663	1	Full	
	370	2	Partial	
	24	3	Unable	
	384	8	Blank but applicable	
	25870	Blank		
6207		Left hip and knee flexion		
PFPLFLEX	4677	1	Full	
	356	2	Partial	
	25	3	Unable	
	383	8	Blank but applicable	
	25870	Blank		

PHYSICAL FUNCTION EVALUATION

TANDEM STAND TIMED MANEUVER

Positions SAS name	Counts	Item description and code	Notes
6208 PFPSTAND		Are you able to stand by yourself without holding on to anything?	
	4844	1 Yes	
	235	2 No (PFPOWALK)	
	362	8 Blank but applicable	
	25870	Blank	
6209-6212 PFPTTAND		Time tandem stand held (sec)	See note
	4686	0001-0010	
	520	8888 Blank but applicable	
	26105	Blank	

PHYSICAL FUNCTION EVALUATION

MEASURED WALK

Positions SAS name	Counts	Item description and code		Notes
6213		Observed walking without help		
PFPOWALK	5105	1	Yes (PFPTWLKA)	
	265	2	No	
	327	8	Blank but applicable	
	25614	Blank		
6214		Are you able to walk alone without holding on to another person?		
PFPRWALK	91	1	Yes	
	174	2	No (PFPTECH)	
	327	8	Blank but applicable	
	30719	Blank		
6215-6218		Time to complete 8-foot walk, trial A (sec)		
PFPTWLKA	5059	0002-0060		
	464	8888	Blank but applicable	
	25788	Blank		
6219-6220		Number of steps, trial A		
PFPNSTPA	5131	03-38		
	392	88	Blank but applicable	
	25788	Blank		
6221-6224		Time to complete 8-foot walk, Trial B (sec)		
PFPTWLKB	5011	0002-56.2		
	512	8888	Blank but applicable	
	25788	Blank		
6225-6226		Number of steps, trial B		
PFPNSTPB	5121	03-33		
	402	88	Blank but applicable	
	25788	Blank		
6227		Pain reported on walking		
PFPPAIN	544	1	Yes	
	4592	2	No	
	387	8	Blank but applicable	
	25788	Blank		

PHYSICAL FUNCTION EVALUATION

GENERAL INFORMATION

Positions SAS name	Counts	Item description and code	Notes
6228		Type of device used	
PFPDEVIC	4821	1 None	
	220	2 Cane	
	76	3 Walker	
	18	4 Other	
	388	8 Blank but applicable	
	25788	Blank	
6229-6233		Examiner number	
PFPTECH	5064	01001-09018	
	660	88888 Blank but applicable	
	25587	Blank	

NOTES

PFPTKEY: Time to unlock lock (sec)

If the examinee was not able to open the lock within 60 seconds, the maneuver was terminated, and his/her time was entered as 60 seconds.

PFPTSTND and PFPUSTND: Time to complete five stands (sec) and ability to stand

A standardized wooden cube, 50-cm in height, was used as a prop for the armless chair maneuvers in the MEC.

PFPTTAND: Time tandem stand held (sec)

The examiner stopped timing after 10 seconds even if the examinee was able to maintain the tandem stand for a longer period of time, and the examinee's time was entered as 10 seconds.

PFPUKEY: Ability to pick up key

The examinee had a maximum of 30 seconds to pick up the key. If the examinee was not able to pick up the key within 30 seconds, the maneuver was terminated, and the examinee proceeded to the next item (PFPWC).

PFPUPWC: Can you get up from your chair/wheelchair by yourself?

This question was asked during the MEC and home exam; PFPWC was recorded by the technician from observation in the MEC only.

PFPUSTND: Ability to stand

See note for PFPTSTND.

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