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United States Department of Health and Human Services. Centers for Disease Control and Prevention. National Center for Health Statistics

NCHS User Guide -- Questionnaire: Dietary Supplement Use -- Supplement Information

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Documentation, Codebook, and Frequencies

Dietary Supplement Use

General Documentation

Questionnaire

Survey Years: 1999 to 2000



First Published: June 2002 Last Revised: July 2009

NHANES 1999-2000 Dietary Supplement Data Release

Documentation Date: 9/26/03 Documentation File Name: DSQ

Survey Years included in this file release: 1999-2000

DSQ section characteristics

Section Description:

The Dietary Supplements section (DSQ) provides personal interview data on use of vitamins, minerals, and other dietary supplements. These questions were asked for all participants during the household interview. The questions in the NHANES 1999-2000 DSQ section are basically the same as in NHANES III (1988-94), however in NHANES 1999-2000, participants were asked about use of all types of dietary supplements, not just vitamin and mineral supplements.

- Interview setting: Home
- Mode of administration: In-person
- Eligible Sample: All ages. Survey participants over 16 years of age answer for themselves; proxy respondents answer for participants 16 years or younger.

Topics included in this document

Sections

- 1. Comparison of this release with the first DSQ data release
- 2. Data collection
- 3. Data processing, editing, and file preparation
- 4. Development of the dietary supplement database
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1. Comparison of this DSQ data release with the first data release (June 2002)

The first release (June 2002): contained only preliminary, **unedited** data on whether a participant reported taking any dietary supplement (DSQ010), and the total number of supplements reported (DSDCOUNT). This second release contains **edited** data for DSD010 and DSDCOUNT, as well as data on the supplements themselves and details of the participant's use of the supplement.

2. Data collection

A. Data collection procedures

Participants are asked if they have taken a dietary supplement in the past month, and old to include prescription and non-prescription supplements. They are shown a hand card that lists examples of dietary supplements (Appendix 1: Handcard DSQ1). Those who answer "yes" are asked to show the supplement containers to the interviewer. If no container is available, the interviewer asks the participant for as detailed a name as possible. For each supplement reported, the interviewer enters the supplement's name and manufacturer into a computer. Recording the name can be a matter of judgment. A definitive name may not be obvious, as supplement labels may contain a variety of descriptive phrases, function claims, and quality claims, with wording in diverse places on the label and in various sizes and directions, including vertical. Interviewers are instructed to enter as complete a name as possible, including all qualifying words (such as "iron-free," "high potency," and "with lutein").

The interviewer then views a list of supplements on her/his computer and selects one if it is judged to be an exact match for the supplement entered; otherwise, no match is made. No ingredient information is recorded by the interviewer. However, if the supplement is a single ingredient supplement, the interviewer records the strength. Participants are asked about their use of the supplement: how long they have been taking it; how often in the last month; and how much each time they took it. Up to 20 supplements can be recorded. The exact questions the interviewer asks, and a short description of the other data recorded, are included in the DSQ codebook.

Some prescription supplements are mistakenly recorded in the prescription medicine section rather than the dietary supplement section. Strength and details of the person=s usage are missing for these supplements. All supplements, including prescription supplements are released in the DSQ section only, not in the medication (RXQ) section.

Information on use of non-prescription antacids was sometimes recorded in the dietary supplement section; other times in the antacid sub-section of the medication section (RXQ). Because of their nutrient content, antacids that contain calcium or magnesium are released with the DSQ data, irrespective of where they were reported. Only these antacids are reported; this is not a complete accounting of all antacids. Data users should also be aware that the section in which an antacid is recorded (e.g. DSQ or RXQ) may not accurately represent the usage of that antacid. For example, some antacids reported with the RXQ (medications) section may have been used as a dietary supplement or vice versa, and some antacids may be used as both medications and calcium supplements. Thus, users are cautioned that analyses of these data to estimate the percentage of antacids used as dietary supplements would not be

appropriate.

B. Survey data collected by interviewers

- Taken any vitamin, mineral or other dietary supplements in past month?
- Supplement name entered and selected
- Supplement strength, if single ingredient
- Was the container was seen?
- Supplement manufacturer entered and selected
- How long supplement has been taken?
- How often supplement was taken in past month?
- How much was taken each time?

3. Data processing, editing and file preparation

A. Matching a reported supplement to known supplement

Trained nutritionists at NCHS match the product names entered or selected by the interviewer (including prescription supplements and antacids containing calcium or magnesium) to a known product when possible. These matches are made with varying degrees of precision, and a matching code (DSDMATCH) accompanies each match (Appendix 2: Matching Codes). Briefly, the codes are: 1) Exact or near exact match; 2) Probable match; 3) Generic match; 4); Reasonable match; and 5) Default match. In some cases no match can be made with any certainty. These products are coded 6) No match. Products whose names were reported as "Refused" (7777) or "Don't know" (9999) have matching codes of 7 and 9, respectively.

NCHS communicates with many major manufacturing company representatives to determine when various product re-formulations become available. We match reported with known supplements based upon reported supplement name as entered by the interviewer and the product version on the market at that time, if known. Based upon manufacturer advice, we have used a lag time of 5 months after new product market entry in matching recorded products to these new products. Despite these precautions, there is no guarantee that the product taken was not an older or newer product than the one to which it was matched.

NCHS created generic and default dietary supplements and entered these into the supplement database. Reported supplements for which the strength of all ingredients were known were matched to a generic supplement, i.e. one which had no brand name. These were generally single ingredient supplements which included a strength (e.g. vitamin C 500 mg) or multiple vitamins and/or mineral supplements made by a private label manufacturer that was known to us and for which we had a label with identical ingredients and strengths (e.g. brand X all-purpose multivitamin was reported, and we had a label for brand Y, made by the same manufacturer). These matches are coded as 3. When all ingredient strengths were not known, the supplement was matched to a default supplement where possible. Defaults were created for single ingredient and multiple ingredient supplements where we had enough information from our own data or from sales data to be able to determine which was the best selling or most frequently reported supplement of that type. These matches were coded as 5. Created default and generic products and the actual products or strengths that were assigned to these defaults are listed in Appendix 3 (Assigned default supplements and antacids).

B. Variable creation

DSDANTA: (antacid reported in DSQ section). This in an indicator variable coded 1 if an antacid was recorded in the dietary supplement (DSQ) section of the questionnaire, 2 if the antacid was recorded in the antacid (RXQ) section of the questionnaire, and 0 if the product was a dietary supplement that was not an antacid. For a few participants, the same antacid was recorded in both questionnaire sections. In these instances, the antacid was considered to be in the DSQ section and coded as 1

DSDMTCH: (matching code). These codes (see Appendix 2 and above, Matching a reported product to a known product) describe the basis for the match of product entered or selected by the interviewer to a known product.

DSDCOUNT: (number of supplements taken). All supplements, whether reported in the DSQ or RXQ section, as well as the antacids recorded in the DSQ section of the interview (DSDANTA=1) count as 1 supplement in DSDCOUNT. Antacids that were <u>not</u> reported in the DSQ section of the interview (i.e. were reported as antacids in the RXQ section only; DSDANTA=2) do <u>not</u> count as supplements and are not included in this count. Non-supplements that were reported in the DSQ section do not count. Products whose names were entered as 7777 or 9999, that is, don't know or refused, are counted as supplements, since there is no clear evidence that they are not and they were reported by the participant as a supplement.

DSDCNT variables give the number of ingredients of each type in the supplement, including in blends. The specific variables are DSDCNTV, DSDCNTM, DSDCNTA, DSDCNTB, DSDCNTO, which provide the number of vitamins, minerals, amino acids, botanicals, and other ingredients, respectively, in each supplement.

C. Data editing

As a result of data editing, the data in this second release for the variables DSD010 (indicator of any supplement use) and for DSD130 (number of supplements used), now called DSD010 and DSDCOUNT, may differ slightly from the data that were contained in the first DSQ release of the NHANES 1999-2000 data.

DSD010: Indicator of any dietary supplement use

Participants with a record of having taken a product determined to be a supplement in the last 30 days are coded 1. Some such products were mistakenly recorded in the RXQ section, either as antacids or prescription medicines. These data have been moved to the DSQ section and are counted as supplements for DSD010 and DSDCOUNT. Participants who reported taking an antacid containing calcium or magnesium in the last 30 days that was recorded only in the RXQ antacid section (DSDANTA=2), but did not take any dietary supplement are coded 2. Participants who did not take any product that was determined to be a dietary supplement in the last 30 days are also coded 2, even if they originally reported having taken a supplement. Examples of products that were determined not to be supplements included foods (garlic cloves, raisin bran cereal, PowerBar®), drinks (Ensure®, Gatorade®, tea), over the counter drugs (aspirin, laxatives, electrolyte replacement fluids), homeopathic medicines, and prescription medicines. Prescription medicines and analgesics were removed from DSQ to the appropriate RXQ section.

DSDSUPP: Name of supplement

The name that is assigned is the name of a known supplement for which ingredient information is available which was matched to the name that was keyed or selected by the interviewer, based upon the supplement label or, if no container was available, the supplement name given by the participant. As described above, these matches were made with varying degrees of certainty. When no match could be made, then the product was given a match of 6, "unknown." For these matches, the 10 digit supplement ID begins with a 6 and the phrase "no product information" is assigned as the name. Products with brand names that are available only in a limited region of the country are released with a generic name, not a brand name, to ensure participant confidentiality. Product names that were entered as "refused" or "don't know" are named "7777" and "9999", respectively.

DSD090: How long has the supplement been taken? (days)

Responses were recorded in days, weeks, months, or years. To facilitate analysis, all answers are converted to days, using conversion factors of 365 days per year, 30.4 days per month, and 7 days per week, and rounded to the nearest integer. For two participants, the amount of time recorded was slightly longer (1-2 months) than a child had been alive so the data were adjusted to the length of the child's life.

4. Development of the dietary supplement database

As described in Section 1, interviewers record the name of the supplement that the participant reported taking, either from the supplement container or from the person's report. Recording the name can be a matter of judgment. A definitive name may not be obvious, as supplement labels may contain a variety of descriptive phrases, function claims, and quality claims, with wording in diverse places on the label and in various sizes and directions, including vertical. The interviewer then views a list of supplements on her/his computer and selects one only if it is judged to be an exact match for the supplement entered, otherwise, no match is made. No ingredient information is recorded by the interviewer.

NCHS attempts to obtain a label for each supplement reported by a participant from sources such as the manufacturer or retailer, the Internet, company catalogs, and the Physician's Desk Reference (PDR). Selected label information is then entered into the NHANES Dietary Supplement Database including: supplement name; manufacturer; serving size; form of serving size; ingredients and amounts, including an operator to indicate that the amount is less than, more than or equal to the amount. The ingredient information entered into the database is taken directly from the supplement facts box on the label or carton, if available, or the equivalent from other sources.

NCHS does not verify the actual composition of supplements reported: the database is based on label information, not testing. The best information source is the label itself, but when this cannot be obtained, other sources are used. Information from other sources may not always be an accurate reflection of what is actually on the supplement label. This is true for the supplement's apparent name as well as for the ingredients. The apparent name on the container is most important, since interviewers see the supplement container and record the name as it appears to them. Differences from what appears on the label are particularly noted for information from the Internet

(name and ingredients), the PDR (name), and supplement carton (name). In addition, supplements may change the appearance of a label and thus the apparent name without changing the content or may change content with minimal change to the label, or may change both. NCHS attempts to obtain updated labels as they come onto the market, but cannot guarantee complete success. The source of the supplement information is included in the data release. (See Appendix 4: Source of Supplement Information)

Ingredients may be listed in various ways, for example: in their elemental form (e.g. calcium); as compounds (e.g. calcium citrate); as plant forms (e.g. extract, concentrate, oil) or plant parts (e.g. root, leaf); as percentages (e.g. beta carotene- % of vitamin A); and as blends or complexes (e.g. bioflavonoid complex; proprietary blend). Suggestions for conversion of compounds are contained in Appendix 5. These are based upon literature searches, but may contain errors. Users should verify these conversions. Note especially that there are a number of conversions for ferrous sulfate depending upon its form, which was not always specified.

Some supplements contain proprietary blends of ingredients, generally nonnutrients. Usually an amount is specified for the blend but not individual ingredients. In such cases, the blend and its amount are entered into the database, but the individual ingredients of the blend are listed without any amounts. A few supplement labels list ingredients but no amounts at all, so the amounts are missing.

Additional information about the supplement is entered by NCHS staff into the database.

- 1) Supplement formulation type (prenatal; infant/child; standard; and mature: Appendix 6) is based upon the appearance of the label or specific wording indicating the targeted users.
- 2) Ingredients are classified as vitamin; mineral; amino acid; botanical; other (Appendix 7: Rules for classifying ingredients). Of particular note is that we have classified the ingredient beta-carotene as "other," not a vitamin. This ingredient information is later tallied to provide the number of ingredients of each type in the supplement (See above, Section 3: Data Processing).
- 3) Generic and default supplements are also entered into the database to be matched with supplements for which brand-specific matches cannot be made. The use of these is described in the data processing and analytic sections.
- 4) Supplement names and ID numbers; serving size amount and unit; ingredient names, ID numbers, quantity, unit and category; blend flag; blend name and id number; source of information; and formulation type classifications that are included in this data release are all drawn from the NHANES supplement database.

5. Data file structure

The data relating to dietary supplements are being released in five separate files, which can be linked by a participant id, a supplement id, or an ingredient id. This structure is used to avoid unwieldy record length. The content of each file is described below. To minimize the size of the files for downloading, names of supplements, ingredients, etc are included in a format library (DSQFMT) rather than in the variables. For instructions on formatting these files, refer to the DSQ Readme file.

File 1: Supplement counts	
Variable Name	Label
SEQN	Respondent sequence number
DSD010	Any dietary supplements taken?
DSDCOUNT	Total # of dietary supplements taken

This file includes variables that indicate whether a person took a dietary supplement and how many supplements were taken in the past month. They are edited versions of the DSQ data previously released.

File 2: Supplement records			
Variable Name	Label		
SEQN	Respondent sequence number		
DSDSUPID	Supplement ID number		
DSDSUPP	Supplement name		
DSD070	Was container seen?		
DSDMTCH	Matching code (Appendix 2)		
DSD090	How long supplement taken (days)?		
DSD100Q	How often taken past month? (quantity)		
DSD100U	How often taken past month? (unit)		
DSD120Q	How much taken each time? (quantity)		
DSD120U	How much taken each time? (unit) (Appendix 8)		
DSDANTA	Antacid reported as a dietary supplement		

This file includes variables with the name and ID number of the supplement that was assigned by NCHS, the matching code (see Appendix 2) assigned, whether the supplement container was seen, how long the person has been taking this supplement, how often in the last month, and how much was taken each time. There is a separate record for each supplement a person took as these data are supplement specific. The text descriptions of the supplement name are in a format library (DSQFMT).

File 3: Supplement information			
Variable Name	Label		
DSDSUPID	Supplement ID number		
DSDSUPP	Supplement name		
DSDSRCE	Supplement information source (Appendix 4)		
DSDTYPE	Formulation type (Appendix 6)		
DSDSERVQ	Serving size quantity		
DSDSERVU	Serving size unit (Appendix 9)		
DSDSERVA	Alternative serving size		
DSDCNTV	Count of vitamins in the supplement		
DSDCNTM	Count of minerals in the supplement		
DSDCNTA	Count of amino acids in the supplement		
DSDCNTB	Count of botanicals in the supplement		
DSDCNTO	Count of other ingredients in the supplement		

This file contains general information about the supplement from the NCHS database derived from the supplement label: the source of the label information (see Appendix 4: Source of supplement Information), the type of supplement formulation (Appendix 6), a count of the number of each type of ingredient (vitamin, mineral, amino acid, botanical, or other) listed on the supplement label (see Appendix 7: Ingredient classification), the serving size upon which the amounts in the Supplement or Nutrition Facts box are based, and the form of the serving size (e.g. tablet, softgel, spray, teaspoon, ml, etc, see Appendix 9: Label Serving Size Units). If a supplement label indicated additional information for serving size (e.g. 1 dropperful = 1 mL), this information is included in alternative serving size. The text descriptions of the supplement name, information source, formulation type, and serving size unit are in a format library (DSQFMT).

File 4: Ingredient information			
Variable Name	Label		
DSQSUPID	Supplement ID number		
DSQSUPP	Supplement name		
DSDINGID	Ingredient ID		
DSDINGR	Ingredient name		
DSDOPER	Ingredient operator (<, =, >)		
DSDQTY	Ingredient quantity		
DSDUNIT	Ingredient unit (Appendix 10)		
DSDCAT	Ingredient category (Appendices 7 and 11)		
DSDBLFLG	Blend flag		

This file contains information on the ingredients that are in each supplement reported by a participant for which the amount of the ingredient is known, including blends. Ingredients in blends which have no amounts are listed in a separate file (File 5), which can be linked to this file. The ingredients are listed basically as they appear

on a particular label, thus one ingredient type (e.g. calcium, echinacea) may be listed in many ways on different labels. The ingredient information includes an operator (equals, less than, or more than), a quantity, and a unit (e.g. mg, mcg, IU See Appendix 10). Each ingredient is categorized as a vitamin, mineral, amino acid, botanical, or other (See Appendix 7: Rules for Classifying Ingredients, and Appendix 11: Ingredient Classification). There is also an indicator (yes/no) as to whether the supplement includes a proprietary blend that contains ingredients without quantities (See File 5). The text descriptions of ingredient name, ingredient unit, and ingredient category are in a format library (DSQFMT).

File 5: Supplement blend	
Variable Name	Label
DSDINGID	Ingredient ID number
DSDINGR	Ingredient name
DSDBCID	Blend component ID
DSDBCNAM	Blend component name
DSDBCCAT	Blend component category

This file includes the ID numbers and names of proprietary blends, which are also listed as ingredients in File 4: Ingredient information file. The ingredient name and the ingredient number remain the same. The components of the blend, which have no amounts, are included in this file. Virtually all blend components are botanicals or "other" ingredients, not vitamins, minerals, or amino acids. The text descriptions of the ingredient name, blend component name and blend component category are in a format library (DSQFMT).

6. Quality control procedures

Trained nutritionists reviewed incoming data and matched reported to known supplements from the NHANES database, where possible; sought additional supplement labels if feasible; assigned generic or default supplements as appropriate; transferred or removed inappropriate products; and assigned matching codes as described in Appendix 7: Matching Codes. Weekly coding meetings were held with the coding supervisor and project officer to discuss coding questions. All coding was reviewed by the coding supervisor and adjusted as necessary, and half were then reviewed by the project officer. Additionally, a ten percent sample of coding for the first year of data was re-coded by a second coder to assess coding reliability. Agreement in supplement matching was 94%.

7. Analytic notes

Differences between this release and the first release

DSD010 and DSDCOUNT: These variable responses may differ from the last release as a result of the following determinations: a product was determined not to have been taken in the last 30 days; a product was determined not to be a supplement; a product recorded in the antacid section was a supplement; or a product reported in the prescription medicine section was a supplement.

Matching codes

These are described in the data processing section and Appendix 2. Analysts should be aware that for default matches and matches that chose between several similarly named supplements, there is less certainty that the ingredients and ingredient amounts in the supplement assigned exactly match those in the supplement actually taken. Additionally, NCHS cannot guarantee in any case that the matched product was the exact product taken or even that any product actually was taken, as these data are self-reported.

Entries of refused and don't know

If a respondent "refused" or answered "don't know" to DSQ010, the codes 7777 or 9999, respectively, are used in both DSD010 and DSDCOUNT and all other variables are coded as missing. If a respondent "refused" or answered "don't know" to a supplement name, the name of the variable is 7777 or 9999 and matching codes are 7 and 9, respectively. Other information on use of the supplement given by the participant is retained.

DSD070: Was the container seen?

A more precise name for a supplement can be recorded by the interviewer, and thus a more precise match to a known supplement can be made, when the interviewer sees the supplement container rather than recording the participant's report of the supplement name (for example, multivitamin/multiminerals are often reported as multivitamins). In general, this is reflected in the matching code, but analysts should be aware that precision is greater when a container is seen.

Supplement ID numbers

Supplement ID numbers are 10 digits long; all Supplement IDs begin with the number '1'. The next 3 digits (positions 2-4) are '888' if the supplement was created by NCHS as a generic or default product; otherwise the digits in positions 2-4 are coded '000'. The next 4 digits (positions 5-8) are assigned by the database and do not indicate anything about the product. The last 2 digits (positions 9-10) indicate formulations of the same supplement: the first formulation entered into the database = 00, the first reformulation = 01, the next = 02, etc. Note that these are reformulations of the same product: different versions (e.g. liquid vs. tablet, with iron vs. without iron, regular vs. high potency) have different 4 digit numbers (positions 5-8). When a product name was entered as "refused" or "don't know", the ID number is a string of 7's or 9's.

Unidentifiable products

For some entries made by interviewers, no corresponding product label could be found nor could a reasonable default product be assigned. These entries are counted as supplements, since there is no evidence that they are not supplements, but only the words "no product information available" are used in place of a name in this public data release.

Using self-reported data

NHANES data are self-reported and recorded by interviewers, and thus may contain inconsistencies or errors. Unless a data entry is clearly mis-recorded and the correct response can be confidently identified, possible errors or inconsistencies are not edited. Users will note that some records may indicate a person had been taking a supplement for a short time, e.g. only one day (DSD090), but report a frequency of taking it that is longer (DSD100), e.g. twice a week. Such apparent inconsistencies are not edited, as there is no obvious basis for editing. Users are advised to assess the data and edit it as deemed appropriate for the analyses being undertaken.

Special notes on DSD090, 100, and 120

Before entering values for DSD100 (how often taken) and DSD120 (how much taken), interviewers first indicated whether they were a) going to enter a number, b) the amount varied, or c) the respondent didn't know or refused to answer the question. Responses other than "enter a number" have missing values for DSD100Q, DSD100U, DSD120Q and DSD120U. Also, supplements recorded in the prescription medicine section have missing values for DSD100Q and DSD120Q, since these questions are not asked in this section. However, most of the missing values in these fields are because the person said that the amount they took or the frequency of taking it varied. Additionally, for variables DSD090, DSD100Q, and DSD120Q, zeros were sometimes entered. There was no information about why a zero was entered - for example whether the zero was an error, was meant to be a decimal, or that a participant decided that they had not taken the supplement at all. Since there is no additional information, these zeros are included in the data release, for the analyst to use as deemed appropriate.

Release and use of supplement brand names

NCHS collects brand name information on supplements whenever feasible, to ensure as much accuracy as possible in finding the label information for the exact product taken, and providing exact ingredient information for this product to data users. Products with very similar names but manufactured by different companies may contain different ingredient strengths. Brand names are released for supplements matched with a high degree of product or brand certainty, as this information may be useful in the design of other surveys. However matching of brand names to reported products may contain errors, and many matches are made to generic or default products, especially for private label brands. Thus, analyses of consumer usage by brand name using NHANES data may not be accurate and is not recommended. Brand names that are available in a limited geographic area of the U.S. are not released; generic names are used for these products.

Serving size

When calculating the amount of a nutrient consumed from supplements, it is important to take serving size into consideration. For some supplements, the serving size may be more than one tablet, drop, teaspoon, etc. In such cases, a person taking only one tablet, for example, would only be getting a percentage of the amount listed for that ingredient. In addition, the ingredient listed may be a compound (e.g. calcium carbonate), and the amount of elemental calcium needs to be calculated. Appendix 5 contains suggestions for conversions, but analysts are advised to confirm these.

Counts of ingredients in supplements

For each supplement, this is the number (count) of ingredients in each ingredient category (vitamin, mineral, amino acid, botanical, other) listed in the facts box on the label, including ingredients listed within blends. In a few products with blends, the same vitamin or mineral was listed as both an ingredient with an amount and as part of a blend. In these cases, only the vitamin or mineral was only counted as one.

Use of format libraries

The text labels for supplements, ingredients, units, etc. are provided in a separate data file called "Supplement Format File (DSQFMT)" in order to keep the data files a reasonable length. Please refer to the DSQ Readme file for DSQFMT for details. SAS code to link the Supplement Format File with the data files or to obtain a list of formatted text labels is provided in the documentation. A list of the supplement and ingredient ID numbers and names can be made by running a proc freq of these variables and using the format library to link the name to the ID number.

8. Data access and analysis

The five data files described in these notes are located on the NHANES website at: http://www.cdc.gov/nchs/about/major/nhanes/NHANES99_00.htm

For instructions general information about this data release, as well as how to access the SAS transport files, refer to: http://www.cdc.gov/nchs/data/nhanes/gendoc.pdf

Additional general information about the release, including data analysis, is found at the following URL:

http://www.cdc.gov/nchs/about/major/nhanes/NHANES19992000FAQS.htm

The NHANES 1999-2000 Analytic guidelines give guidance on how to analyze data and sample programs. Check http://www.cdc.gov/nchs/data/nhanes/guidelines1.pdf

Another SAS program sample is given at the following URL: http://www.cdc.gov/nchs/data/nhanes/examrgcd.txt

APPENDIX 1: HANDCARD DSQ1

ANTACIDS TAKEN AS A Tums Antacid/Calcium Supplement™, Tums E-X

CALCIUM SUPPLEMENT Antacid/Calcium Supplement™

BOTANICALS, HERBS, AND Echinacea, ginseng, gingko, St. John's Wort, kava

HERBAL MEDICINE PRODUCTS kava, dong quai, saw palmetto

FIBER TAKEN AS A DIETARY Fiberwafers™, Florafiber™, Herb-lax™,

SUPPLEMENT Psyllium™, Metamucil™, Fibercon™

INDIVIDUAL OR Vitamin A, vitamin C, or vitamin E SINGLE VITAMINS

MULTIPLE VITAMINS B complex, Centrum[™], Flintstones[™],

(2 OR MORE COMBINED) vitamins C and E

INDIVIDUAL OR Calcium, copper, iron, or zinc

SINGLE MINERALS

PRODUCTS

MULTIPLE MINERALS Iron and zinc, or calcium and magnesium (2 OR MORE COMBINED)

VITAMIN AND MINERAL Centrum™ with minerals, Flintstones with iron™,

COMBINATIONS Calcium plus Vitamin D

COMBINATIONS OF VITAMINS, One-a-Day™ with Ginkgo

MINERALS AND OTHER

AMINO ACIDS Lysine, methionine, and tryptophan

FISH OILS Omega-3 fatty acids

GLANDULARS Pancreas, liver, and organ extracts

ZINC LOZENGES Coldeeze™

Include products formulated to improve athletic performance, muscle strength, memory, increase energy, etc.

APPENDIX 2: MATCHING CODES

- 1. Exact or near exact match; this is the only product that could match this entry.
- 2. <u>Probable match</u>; the match is not exact, but knowledge of the company's products strongly suggests that this is the only possible match choice. For example the entry may not specify strength or include words such as timed release, but no other options are available for this brand according to manufacturer or retailer information.
- 3. <u>Generic match</u>; product has known strength for all ingredients, either a) as part of name (e.g. vitamin C 500 mg) or b) because the manufacturer is known and NCHS has an identical product made by this manufacturer for a different distributor or retailer. Thus the ingredients and amounts are considered to be accurate despite an exact brand match.
- 4. <u>Reasonable match</u>; the product name may be incomplete or could be complete but other products of this brand also start with these same words so this cannot be assured. In these cases, the entered name is matched to either: a) the most frequently reported of these products in the NHANES 1999-2000 data, if this could be determined; b) the best selling product by this company that matches the entered name; or c) the most basic product by this company, as assessed by label wording.
- 5. <u>Default match</u>; the exact product could not be obtained because the name was imprecise or the exact brand product could not be located and no generic could be assigned. In these cases, the entered product was matched to a created default product based upon: a) the most commonly reported strengths for single ingredients; b) the most commonly reported brands for major multiple ingredient products such as multivitamins and multivitamin/multiminerals for children, seniors, or adults, if available; or c) products manufactured by a large, private-label manufacturer. Because NHANES 1999-2000 data and sales data indicate that far more people take multivitamin/multiminerals rather than just multivitamins; that numerous supplement labels calling a product a multivitamin actually also contain minerals; and that products that only exist as multivitamin/minerals are often named by NHANES participants as multivitamins, supplements recorded as multivitamins without further identifying information are matched to multivitamin/multiminerals, not multivitamins.
- 6. No match; no product could be found and there was not enough detail in the name to assign a generic or default match with any confidence. The words "no product information available" are listed as the product name.

APPENDIX 3: ASSIGNED DEFAULT SUPPLEMENTS AND ANTACIDS

Default Supplement	Assigned Strength or Supplement	
Alfalfa	500 mg	
Aloe Vera Gel	Carlson Golden Aloe Vera Gel Concentrate	
Alpha-Lipoic Acid	50 mg	
Antioxidant Vitamin and Mineral Formula	Naturite Antioxidant Vitamin and Mineral Formula	
Astragalus Extract	500 mg	
B 50 B-Complex	Vitasmart B 50 B-Complex	
B-Complex with Vitamin C	The Medicine Shoppe B-Complex with Vitamin C	
Balanced B 100 B-Complex	Vitasmart Balanced B 100 B-Complex	
Bee Pollen	500 mg	
Bee Propolis	500 mg	
Beta Carotene	25,000 IU	
Borage Oil	Spectrum Essentials Organic Borage Oil (1000 mg)	
Burdock Root	Nature's Way Burdock Root 540 mg	
Calcium	500 mg	
Calcium 600 mg with Vitamin D	Calcium 600 mg, Vitamin D 200 mg	
Calcium 600 with D and Zinc	Spring Valley Calcium 600 with D and Zinc	
Calcium 250 mg with vitamin D	Calcium 250 mg, Vitamin D 125 mg	
Calcium & Magnesium	Calcium 334 mg, Magnesium 167 mg	
Calcium with Vitamin D & Minerals	Caltrate 600 Plus Calcium with Vitamin D & Minerals	
Calcium Magnesium Phosphorus Liquid	Nature's Life Calcium Magnesium Phosphorus Liquid	
Calcium Magnesium & Zinc	Vitasmart Calcium Magnesium & Zinc	
Calcium Citrate	Citracal Calcium Citrate (Calcium 200 mg)	
Calcium 500 mg with Vitamin D	Calcium 500 mg, Vitamin D 200 mg	
Cascara Sagrada	450 mg	
Cat's Claw (Una de Gato)	250 mg	
Cayenne	25 mg	
Chewable Multivitamin with Fluoride	Copley Chewable Multivitamin with Fluoride (1mg)	
Chewable Vitamin C Plus Echinacea	Nutrition Now Chewy C Plus Echinacea Gummy Bears	
Chewable Multivitamin with Fluoride (1 mg) and Iron	Copley Chewable Multivitamin with Fluoride (1mg) and Iron	
Chickweed	500 mg	

Children's Liquid Vitamin with Iron and Fluoride	Enfamil Tri-Vi-Flor 0.25 mg with Iron	
Children's Multivitamin/Multimineral	Vitasmart Children's Multivitamin/Multimineral Complete	
Children's Multivitamins Plus Iron	Vitasmart Children's Multivitamins Plus Iron	
Chondroitin Sulfate	250 mg	
Chromium Picolinate	Chromium 200 mcg	
Cod Liver Oil Softgels	Vitasmart Cod Liver Oil Softgels	
Coenzyme Q-10	30 mg	
Colostrum	Symbiotics New Life Colostrum 480 mg	
Cranberry	307 mg	
Creatine Monohydrate	5000 mg (5 g)	
Daily Multiple Vitamins Plus Iron	The Medicine Shoppe Daily Multiple Vitamins Plus Iron	
DHEA	25 mg	
Echinacea Chewable Tablets	Nutrition Now Rhino Echinacea Chewable Tablets	
Echinacea	400 mg	
Echinacea & Goldenseal	Echinacea 113 mg, Goldenseal 25 mg	
Ester-C	Your Life Ester-C 500 mg with Bioflavonoids	
Evening Primrose Oil	500 mg	
Eye Multi-Vitamin and Mineral	Alcon Icaps Original Icaps Plus Formula High Potency Antioxidant	
Eyebright	454 mg	
Ferrous Gluconate	Ferrous Gluconate 240 mg (27 mg elemental iron)	
Ferrous Sulfate Iron Tablets	325 mg (65 mg elemental Iron)	
Fish Oil	1000 mg	
Flax Seed Oil	1000 mg	
Fluoride Tabs	Sodium Fluoride 1.1 mg	
Folic Acid	400 mcg	
Garlic	500 mg	
Garlic and Parsley	Garlic 100 mg, Parsley 50 mg	
Garlic Oil	2 mg	
Gelatin	Solgar Natural Gelatin with Calcium Lactate	
Ginger Root	150 mg	
Ginkgo Biloba	60 mg	
Ginseng	500 mg	

Glucomannan	665 mg		
Glucosamine	Vitasmart Glucosamine Sulfate Complex 500 mg		
Glucosamine & MSM	Glucosamine 250 mg, MSM 250 mg		
Glucosamine Chondroitin	CVS Regular Strength Glucosamine Chondroitin		
Goldenseal Root	250 mg		
Grapeseed Extract	60 mg		
Hawthorn	450 mg		
Iron	65 mg		
Iron from Ferrous Fumarate	Ferrous Fumarate 82 mg (elemental Iron 27 mg)		
Iron Free Multi Super One Daily	Vitamer Labs Iron Free Multi Super One Daily		
Juniper Berry	Nature's Way Juniper Berries		
Kava Kava (Root)	250 mg		
Kelp	GNC Natural Brand Kelp (Iodine 150 mcg)		
Kelp, Lecithin and Vitamin B6	Nature Made Kelp, Lecithin and Vitamin B6 with Cider Vinegar		
Korean Ginseng	100 mg		
L-Carnitine	250 mg		
Lactobacillus Acidophilus	10 mg		
Lecithin	1200 mg		
Licorice Root	396 mg		
Liquid Colloidal Minerals	GNC Liquid Multi Colloidal Minerals		
Lysine	500 mg		
Magnesium	250 mg		
Manganese	10 mg		
Men's Multivitamin/Multimineral	One A Day Men's High Potency Multivitamin / Multimineral		
Milk Thistle	140 mg		
MSM	1000 mg		
Multimineral	Twinlab Multimineral Caps		
Multivitamin Plus Iron	The Medicine Shoppe Daily Multiple Vitamins Plus Iron		
Multivitamin with Herbs	Eckerd Daily Impact Multivitamin with Herbs		
Multivitamin and Fluoride Drops	Enfamil Poly-Vi-Flor 0.25 mg Multivitamin and Fluoride Drops		
Multivitamin / Multimineral	Centrum Advance Formula High Potency Multivitamin Multimineral		
N-Acetyl Cysteine (NAC)	600 mg		

Natural B-Complex with Vitamin C	The Medicine Shoppe Natural B-Complex with Vitamin C		
Nettle	250 mg		
Niacin (Vitamin B-3)	500 mg		
Omega-3	Great Earth Cholesterol-Free Omega-3 625 mg		
Oyster Shell Calcium + Vitamin D	Calcium 500 mg, Vitamin D 200 mg		
Oyster Shell Calcium	500 mg		
Parsley	424 mg		
Pediatric Iron Drops	Fer-In-Sol Iron Drops		
Poly-Vitamin Drops	Enfamil Poly-Vi-Sol Vitamin Drops		
Potassium	99 mg		
Prenatal Vitamins	Vitasmart Prenatal Vitamins		
Psyllium Fiber	Metamucil Powder Original Texture Regular Flavor Dietary Fiber		
Saw Palmetto	160 mg		
Scullcap	425 mg		
Selenium	100 mcg		
Senior Multivitamin / Multimineral	Centrum Silver Multivitamin / Multimineral for Adults 50+ From A to Zinc		
Shark Cartilage	500 mg		
Siberian Ginseng	500 mg		
Sodium Fluoride Drops	Teva Sodium Fluoride Drops Rx Only (0.25 mg)		
Soy Protein	Shaklee Energizing Soy Protein		
St. John's Wort	300 mg		
Stress Formula Daily Pak	Your Life Stress Formula Daily Pak		
Tri-Vitamin with Fluoride Drops	Enfamil Tri-Vi-Flor 0.25 mg Vitamins A, D, C and Fluoride Drops		
Tri-Vitamin Drops	Enfamil Tri-Vi-Sol Vitamins A, D, & C Drops		
Tribulus Terrestris Extract	625 mg		
Uva Ursi	455 mg		
Valerian Root	100 mg		
Vitamin A & D	Vitamin A 8000 IU, Vitamin D 400 IU		
Vitamin A	8000 IU		
Vitamin B-1 (Thiamin)	100 mg		
Vitamin B-6	100 mg		
Vitamin B-12	500 mcg		

Vitamin B-Complex	Your Life Vitamin B-Complex		
Vitamin C	500 mg		
Vitamin C Chewable	Vitasmart Vitamin C Chewable 500 mg		
Vitamin C with Rose Hips	Vitasmart Vitamin C with Rose Hips 500 mg		
Vitamin D	400 IU		
Vitamin E	400 IU		
Vitamin E 400 IU + Selenium	Vitamin E 400 IU, Selenium 50 mcg		
Vitamins C & E	Vitamin C 500 mg, Vitamin E 400 IU		
Whey Protein	GNC Pro Performance 100% Whey Protein Instantized, Chocolate Powder		
White Willow Bark	Nature's Way White Willow Bark 400 mg		
Wild Yam	375 mg		
Women's Multivitamin / Multimineral	One A Day Women's High Potency Multivitamin / Multimineral		
Women's Ultra Multivitamin/Multimineral	GNC Women's Ultra Mega		
Zinc	50 mg		
Default Antacid	Antacid assigned		
Default Antacid Plus Tablets	Maalox Plus Tablets		
Default Antacid Plus Liquid	Maalox Plus Liquid		
Default Antacid Anti-gas Liquid	Mylanta Regular Strength Antacid Anti-gas Liquid		
Default Calcium Antacid	Tums Regular Strength		
Default Antacid Liquid	Maalox Antacid Liquid		

APPENDIX 4: SOURCE OF SUPPLEMENT INFORMATION

- 1 Directly from manufacturer
- 2 Directly from distributor
- 4 Inferred from supplement name
- 5 Physician's Desk Reference (PDR)
- 7 Product catalog
- 8 Internet listing
- 9 Supplement label or carton
- 10 Supplement from same manufacturer

If there is no designation, the supplement was a generic supplement (e.g. vitamin C 500 mg) or a default supplement (e.g. default daily multivitamin) created at NCHS. Some numbers are skipped intentionally as the associated sources weren't used.

APPENDIX 5: CONVERSION FACTORS FOR COMPOUNDS

INGREDIENT	INGREDIENT	ID CONVERSION FACTOR
ALPHA CAROTENE	10000656	12 mcg = 1 RE Vitamin A
ASCORBYL PALMITATE	10001684	43% Vitamin C
BETA CAROTENE	10000433	6 mcg = 1 RE Vitamin A
CALCIUM CARBONATE	10000611	40% elemental calcium
CALCIUM CITRATE	10001394	21% elemental calcium
CALCIUM D-GLUCARATE	10001144	12.5% elemental calcium
CALCIUM GLUCONATE	10000584	9% elemental calcium
CALCIUM PANTOTHENATE	10000437	91.6% pantothenate
CALCIUM PHOSPHATE	10000795	30% elemental calcium
CHOLINE BITARTRATE	10000091	41% choline
CHROMIUM PICOLINATE	10000541	14.3% elemental chromium
CHROMIUM POLYNICOTINATE	10002091	14% elemental chromium
COPPER GLUCONATE	10000587	14% elemental copper
COPPER SULFATE	10001817	24.5% elemental copper
CREATINE MONOHYDRATE	10000533	88% creatine
D-CALCIUM PANTOTHENATE	10000521	91.6% pantothenate
D-GLUCOSAMINE SULFATE.2	10001109	31.3% glucosamine
DOCUSATE CALCIUM	10000757	4.6% elemental calcium
DOCUSATE SODIUM	10000122	5% sodium
DRY BETA-CAROTENE	10001772	6 mcg= 1 RE Vitamin A
FERRIC AMMONIUM CITRATE	10002217	17.5% elemental iron
FERROUS FUMARATE	10000863	33% elemental iron
FERROUS GLUCONATE	10000511	12.5 % elemental iron
FERROUS SULFATE	10000436	20% elemental iron
GLUCOSAMINE	10000453	83.0% glucosamine
GLUCOSAMINE SULFATE	10000157	65% glucosamine
GLUCOSAMINE SULFATE . 2 KCL	10000935	29.6% glucosamine
GLUTAMIC ACID	10000725	80.1% glutamic acid
L-ARGININE HCL	10000551	82.7% arginine
L-CARNITINE TARTRATE	10001014	68.2% carnitine
L-CYSTEINE HCL	10000542	69.0% cysteine
MAGNESIUM CARBONATE	10000625	28.9% elemental magnesium
MAGNESIUM GLUCONATE	10000585	5.8% elemental magnesium
MAGNESIUM HYDROXIDE	10000612	41% elemental magnesium
MAGNESIUM OXIDE	10000641	60% elemental magnesium
MAGNESIUM PHOSPHATE	10000688	28% elemental magnesium
MAGNESIUM SULFATE	10000519	20% elemental magnesium
MANGANESE CHLORIDE	10000522	24.4% elemental manganese
MANGANESE GLUCONATE	10000513	12.2% elemental manganese
POTASSIUM CHLORIDE	10000305	52.45% elemental potassium
POTASSIUM GLUCONATE	10000306	16.7% elemental potassium
SODIUM CHLORIDE	10001659	40% sodium, 60% chlorine
SODIUM FLUORIDE	10002151	45.45% elemental fluoride
ZINC ACETATE	10001442	29.8% elemental zinc
ZINC GLUCONATE	10000586	14.3% elemental zinc
ZINC OXIDE	10001620	80.34% elemental zinc
ZINC SULFATE	10000518	25% elemental zinc
	1	

APPENDIX 6: FORMULATION TYPE

- infant/pediatric formulation 1.
- prenatal formulation mature formulation 2.
- 3.
- standard formulation 4.

APPENDIX 7: RULES FOR CLASSIFYING INGREDIENTS

VITAMINS

An ingredient is classified as a vitamin if it is:

- -a single vitamin listed by its name (e.g. vitamin A)
- -a standard chemical form (synthetic or natural) of the vitamin (retinol, retinal, retinoic acid)
- -a compound that is a source of a vitamin

An ingredient is not classified as a vitamin but as "Other" when it exists as:

- -a precursor or provitamin to the active form of the vitamin (e.g. 7-dehydrocholesterol, a precursor to Vitamin D)
- -a complex, since the ingredient content is unclear (e.g. B-complex)

The following appear in supplements as a source of vitamins and are therefore classified as a vitamin:

Vitamin A

palmitate, vitamin A acetate, vitamin A palmitate,

Vitamin B-1/Thiamin

thiamin monophosphate or TMP, thiamin mononitrate, thiamin hydrochloride

Vitamin B-2/Riboflavin

riboflavin mononitrate, riboflavin-5-phosphate sodium

Vitamin B-3/Niacin

Vitamin B-5/Pantothenic Acid

pantothenate, calcium pantothenate

Vitamin B-6

pyridoxine hydrochloride, vitamin B₆ hydrochloride

Vitamin B-12/Cobalamin

cyanocobalamin, methyl cobalamin

Vitamin C/Ascorbic Acid

ascorbyl palmitate, sodium ascorbate

Vitamin D/Calciferol

cholecalciferol, ergocalciferol, calcitriol

Vitamin E/Tocopherol

d-alpha tocopheryl acid succinate, dl-alpha tocopheryl acetate, d-alpha tocopheryl acetate, d-alpha tocopherol, d-alpha tocopheryl, tocopherols, mixed tocopherols, vitamin E acetate, tocotrienol

Vitamin K/Menadione

phytonadione, menadiol

Biotin

choline

choline bitartrate

Folic Acid/Folate

MINERALS

An ingredient is classified as a mineral if it is a macro or micromineral (trace element):

- in its elemental form (e.g. iron)
- that is the source of the mineral in a supplement (e.g. ferrous gluconate, potassium iodide, nickel chloride, selenium amino acid chelate).

An ingredient containing a mineral is not classified as a mineral but as "Other" when it is:

- an enzyme (e.g. boron protease)
- a complex, since the ingredient content is unclear (e.g. Trace Mineral Complex)
- used as an electrolyte (e.g. chloride, potassium, sodium)

The following are classified as minerals:

Arsenic Copper **Phosphorus** Barium Fluoride Selenium lodine Boron Silicon Bromine Strontium Iron Cadmium Magnesium Sulfur Manganese Calcium Tin Chromium Molybdenum Vanadium Nickel Cobalt Zinc

BOTANICALS

An ingredient is classified as a botanical if it is:

- part of a plant, tree, shrub, herb, etc.
- a component of a botanical that specifically names it as being from the plant (e.g. soy isoflavones, citrus bioflavonoids)

Botanicals may include the following words: Extract, Powder, Leaf, Root, Flower, Stem, Peel, Fruit

An ingredient is not classified as a botanical but as "Other" if:

- it is listed only as an unspecified blend
- it is a chemical structure derived originally from a botanical (e.g. bromelain, the enzyme found in pineapple; alliin, a phytochemical in garlic; apple cider vinegar)

AMINO ACIDS

An ingredient is classified as an amino acid if it is an essential or nonessential amino acid. It can exist in:

- its free form (e.g. lysine, glutamine)
- its post-translational form (cystine, hydroxylysine, hydroxyproline, and 3-methylhistidine)
- one of its isomeric forms (e.g. I-tyrosine)
- the source of an amino acid in a supplement (e.g. I-lysine monohydrochloride, glutamic acid hydrochloride)

An ingredient would not be classified as amino acid but as "Other" if it is:

- an alpha-keto acid (an amino acid with its amino group, NH₃, replaced by a keto group) (e.g. ∀-ketoglutarate)
- a residue of an amino acid (e.g. (-carboxyglutamic acid also known as GLA)
- as a complex of amino acids (e.g. natural amino acid complex), since the ingredient content is unclear

The following are classified as amino acids:

Alanine Glycine Proline Carnitine Arainine Histidine Serine Citrulline Ornithine Asparagine **Taurine** Isoleucine Aspartic Acid Leucine Threonine Theanine Cysteine Lysine Tryptophan SAM-e

Glutamic Acid Methionine Tyrosine N-acetyl-cysteine Glutamine Phenylalanine Valine Dimethylglycine

<u>OTHER</u>

The following are examples of ingredients that would be classified as other:

- an electrolyte (e.g. chloride, potassium, sodium)
- a hormone (e.g. DHEA, cholesterol), unless if it is the active form of a vitamin (calcitriol)
- an enzyme (e.g. cellulase, glucoamylase)
- complexes and blends (unless all components are of the same type ex. amino acid blend)
- bioflavonoids and isoflavones (if not associated with a plant, in which case it would be classified as a Botanical)
- vinegars
- phytochemicals (e.g. lutein, allin)
- vitamin precursors, e.g. some carotenoids

APPENDIX 8: REPORTED SERVING SIZE UNITS

1. Tablets, capsules, pills, Weight ounces 14. caplets, softgels, gelcaps 15. Can **Droppers** 2. 16. Grams 3. **Drops** 17. Dots Fluid ounces 4. 18. Cups Injections/shots 5. Spray/squirts 19. Lozenges 6. 20. Chews/chewables 7. Milliliters 21. Scoop 22. CC 8. **Packages** 9. **Packets** 23. Capful 24. MG 10. Powder/granules Tablespoons 25. 11. Units 12. **Teaspoons** 26. Gulp

Wafers

13.

APPENDIX 9: LABEL SERVING SIZE UNITS

1.	Caplets	16.	Softgels
2.	Capsules	17.	Tablespoons
3.	Droppers	18.	Tablets
4.	Drops	19.	Teaspoons
5.	Fluid Ounces	20.	Wafers
6.	Gel Caps	24.	Scoop
9.	Lozenges	25.	Cup
10.	Milliliters	27.	Chewable/Chews
11.	Packages	29.	Vegicaps
12.	Packets	31.	Capful

APPENDIX 10: INGREDIENT UNITS

- 1. mg
- 2. IU
- 3. %
- 4. mcg
- 5. gm
- 6. mL
- 7. kcal
- 8. DU
- 9. HUT

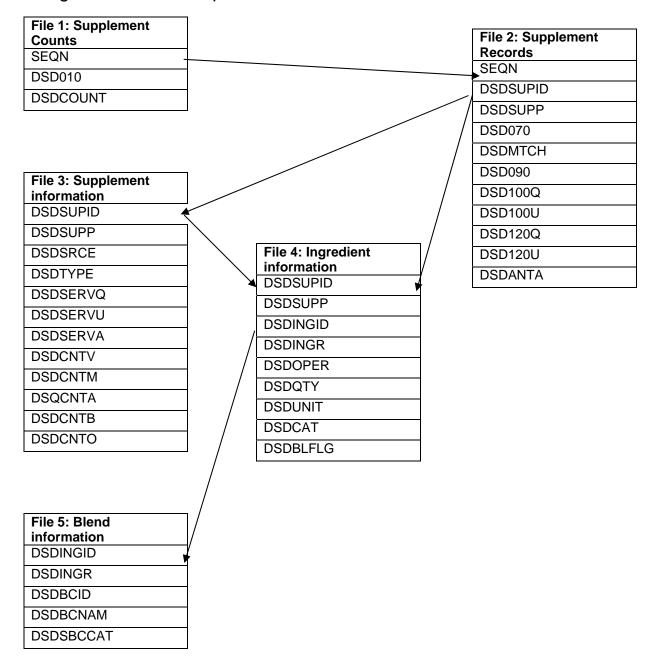
- 10. LU
- 11. CU
- 12. endo-PGO
- 13. AGU
- 14. PPM
- 15. Million
- 16. Billion
- 17. LacU

APPENDIX 11: INGREDIENT CLASSIFICATION

- 1. Vitamin
- 2. Mineral
- 3. Botanical
- 4. Other
- 5. Amino acid

APPENDIX 12: DATA FILE STRUCTURE AND RELATIONSHIPS

Diagram of relationship between the five files



EXAMPLE OF DATA FILE INFORMATION AND RELATIONSHIPS:

File 1:

SEQN	DSD010	DSDCOUNT
101 (Steve)	1 (Yes)	2
102 (Bob)	2 (No)	0
103 (Mary)	1 (Yes)	1

File 2:

SEQN	DSDSUPID	DSDSUPP	DSD070
101 (Steve)	1888340200	Calcium 600 mg + Vitamin D 200 IU	1 (Yes)
101 (Steve)	1000228800	Brand X Fat Reducer	1 (Yes)
103 (Mary)	1888340200	Calcium 600 mg + Vitamin D 200 IU	2 (No)

File 3:

DSDSUPID	DSDSUPP	DSDCNTV	DSDCNTM	DSDCNTO
1888340200	Calcium 600 mg + Vitamin D 200 IU	1	1	0
1000228800	Brand X Fat Reducer	0	0	2

File 4:

DSDSUPID	DSDSUPP	DSDINGID	DSDINGR	DSDQTY	DSDUNIT	DSDBLFLG
1888340200	Calcium 600 mg + Vitamin D 200 IU	10000070	Calcium	600.000	1 (mg)	2 (not a blend)
1888340200	Calcium 600 mg + Vitamin D 200 IU	10000385	Vitamin D	200.000	2 (IU)	2 (not a blend)
1000228800	Brand X Fat Reducer	10001227	Chitozyme	1200.000	1 (mg)	1 (blend)

File 5:

DSDINGID	DSDINGR	DSDBCID	DSDBCNAM
10001227	Chitozyme	10000317	Psyllium Seed Husks
10001227	Chitozyme	10000642	Chitosan

Documentation, Codebook, and Frequencies

Dietary Supplement Use

File 3: Supplement Information

Questionnaire

Survey Years: 1999 to 2000

SAS Transport File: DSQFILE3.XPT



First Published: June 2002 Last Revised: July 2009

National Health and Nutrition Examination Survey Codebook for Data Production (1999-2000)

Questionnaire Section:

Dietary Supplement Use – File 3: Supplement Information (DSQFILE3)

First Published: June 2002 Last Revised: July 2009



DSDSUPID	Target			
D SDSC112	B(0 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	SUPPLEMENT ID NUMBER			
English Text: Supplement ID Number				
English Instructions:				

DSDSUPP			Target			
2528611		B(0 Yrs. to 150 Yrs.)				
Hard Edits		SAS Label				
		SUPPLEMENT NAME				
English Text: Supplem	ent Name	e				
English Instructions:	English Instructions:					
Code or Value Description Count Cumulative Skip to Item						
SUPPLEMENT NAME	Value	e was recorded	1906	1906		

0

1906

Missing

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DSDSRCE	Target		
DODOROL	B(0 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	SUPPLEMENT INFORMATION SOURCE		

English Text: Supplement Information Source

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Directly from manufacturer	12	12	
2	Directly from distributor	1	13	
4	Inferred from supplement name	1	14	
5	Physician's Desk Reference (PDR)	21	35	
7	Product Catalog	48	83	
8	Internet Listing	462	545	
9	Supplement label or carton	1023	1568	
10	Supplement from same manufacturer	23	1591	
7777	Refused	0	1591	
9999	Don't know	0	1591	
	Missing	315	1906	

DSDTYPE	Target
DODITE	B(0 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	FORMULATION TYPE
English Text · Formulation type	

English Text: Formulation type

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Infant/pediatric formulation	127	127	
2	Prenatal formulation	54	181	
3	Mature formulation	32	213	
4	Standard formulation	1693	1906	
7777	Refused	0	1906	
9999	Don't know	0	1906	
	Missing	0	1906	

DSDSERVQ	Target			
DSDSERVQ	B(0 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
SERVING SIZE QUANTITY				
English Text: Serving size quantity				

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
0.25 to 30	Range of Values	1906	1906	
	Missing	0	1906	

Target
B(0 Yrs. to 150 Yrs.)
SAS Label
SERVING SIZE UNIT
=

English Text: Serving size unit

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Caplets	102	102	
2	Capsules	382	484	
3	Droppers	6	490	
4	Drops	4	494	
5	Fluid Ounces	3	497	
6	Gel Caps	4	501	
9	Lozenges	7	508	
10	Milliliters	34	542	
11	Packages	0	542	
12	Packets	34	576	
16	Softgels	187	763	
17	Tablespoons	33	796	
18	Tablets	1026	1822	
19	Teaspoons	41	1863	
20	Wafers	5	1868	
24	Scoop	20	1888	
25	Cup	1	1889	
27	Chewable/Chews	7	1896	
29	Vegicap	9	1905	
31	Capful	1	1906	
	Missing	0	1906	

DSDSERVA		Target				
DODOLKVII		B(0 Yrs. to 150 Yrs.)				
Hard Edits		SAS Label				
		ALTERNATIVE SERVING SIZE				
English Text: Alternativ	ve serving size	ng size				
English Instructions:						
Code or Value	Description	Description Count Cumulative Skip to Item				
ALTERNATIVE SERVING SIZE	Value was recorded	111	111			

1795

1906

Missing

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DSDCNTV	7	Target			
		B(0 Yrs. to 150 Yrs.)			
Hard Edits	S	SAS Label			
		COUN	COUNT OF VITAMINS IN THE SUPPLEMENT		
English Text: Count	of vitamins	ns in the supplement, including those in blends			
English Instructions:					
Code or Value	Code or Value Description Count Cumulative Skip to Item				Skip to Item
0 to 17	Ra	nge of Values	1906	1906	
		Missing	0	1906	

DSDCNTM	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
COUNT OF MINERALS IN THE SUPPLEMENT				
English Taxts Count of minerals in the supplement including these in blands				

English Text: Count of minerals in the supplement, including those in blends

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
0 to 66	Range of Values	1906	1906	
	Missing	0	1906	

DSDCNTA	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
COUNT OF AMINO ACIDS IN THE SUPPLEMENT				

English Text: Count of amino acids in the supplement, including those in blends

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
0 to 21	Range of Values	1906	1906	
	Missing	0	1906	

DSDCNTB	Target			
20201(12	B(0 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
COUNT OF BOTANICALS IN THE SUPPLEMENT				
English Taxt. Count of hotanicals in the supplement, including those in blends				

English Text: Count of botanicals in the supplement, including those in blends

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
0 to 20	Range of Values	1906	1906	
	Missing	0	1906	

DSDCNTO	Target				
D SDCI(10	B(0 Yrs. to 150 Yrs.)				
Hard Edits	SAS Label				
COUNT OF OTHER INGREDIENTS IN THE SUPPLE					
English Text: Count of other ing	English Text: Count of other ingredients in the supplement, including those in blends				

English Text: Count of other ingredients in the supplement, including those in blends

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
0 to 49	Range of Values	1906	1906	
	Missing	0	1906	

DSQ Readme.doc

Instructions for using Dietary Supplements Questionnaire (DSQ) Component NHANES 1999-2000 Data Release

This document contains general instructions for downloading, extracting and formatting the NHANES 1999-2000 Dietary Supplements Questionnaire (DSQ) Component files (DSQFILE1, DSQFILE2, DSQFILE3, DSQFILE4, DSQFILE5). A format code file (DSQFMT) is also included, which provides text descriptions for the format codes used in these files for several variables.

About the DSQ Format File

Dietary Supplement Questionnaire data for 1999-2000 contains a number of lengthy text fields including supplement names, ingredient names, blend component names and others. Many names are hundreds of characters in length and in many cases these text fields are repeated across multiple records. For example, a single dietary supplement having 20 ingredients will have 20 records in DSQFILE4 (Ingredient File), and on each of these records that supplement's name must be repeated. Therefore, in order to reduce the size of these files certain text fields have been format coded, i.e., each text string has been replaced by a shorter coded value. The coded values are mapped to the full text strings in a SAS format library, which is provided with the datafiles. The source of the text descriptions used in this file is the NHANES Dietary Supplement Database. Please refer to the documentation for more detailed information about this database.

There are four variables included in the DSOFMT file:

- 1) FMTNAME: a text field encoding the name of the key variable (e.g., DSDSUPF) used to link with the format code in the DSQ Files;
- 2) START: the character or numeric value of the format code;
- 3) LABEL: the text description for the corresponding format code.
- 4) TYPE indicates character or numeric format type.

Downloading, Extracting and Formatting 1999-2000 DSQ Datasets

NHANES data in this release are in SAS transport file format, and in the DSQ datafiles, several data fields contain format-coded values. To use the DSQ data files, these steps must be performed:

- 1. Use FTP to download the SAS transport files from the NHANES website to local directory C:\NHANES.
- 2. To access this data in any version of SAS, use the XPORT engine. It is recommended that you copy the transport files to a permanent SAS library. For example, assuming you have extracted the six SAS transport files to the folder C:\NHANES, use the following SAS code to copy the DSQ data files to a SAS library DSQ (C:\NHANES\DSQFILE):

LIBNAME DSQ "C:\NHANES\DSQFILE";

LIBNAME DSQXPT1 XPORT "C:\NHANES\DSQFILE1.XPT";

PROC COPY IN= DSQXPT1 OUT= DSQ;

RUN:

LIBNAME DSQXPT2 XPORT "C:\NHANES\DSQFILE2.XPT";

```
PROC COPY IN= DSQXPT2 OUT= DSQ;
     RUN;
     LIBNAME DSOXPT3 XPORT "C:\NHANES\DSOFILE3.XPT";
     PROC COPY IN= DSQXPT3 OUT= DSQ;
     RUN:
     LIBNAME DSQXPT4 XPORT "C:\NHANES\DSQFILE4.XPT";
     PROC COPY IN= DSQXPT4 OUT= DSQ;
     RUN:
     LIBNAME DSQXPT5 XPORT "C:\NHANES\DSQFILE5.XPT";
     PROC COPY IN= DSQXPT5 OUT= DSQ;
     RUN:
     LIBNAME DSQFMT XPORT "C:\NHANES\DSQFMT.XPT";
     PROC COPY IN= DSOFMT OUT= DSO:
     RUN;
3. SAS program code is provided below which will associate text strings with formatted values for all
format coded variables in these datasets. Assuming all DSQ datasets (DSQFILE1, DSQFILE2,
DSOFILE3, DSOFILE4, DSOFILE5) and the format file (DSOFMT) are located in the SAS library
     LIBNAME DSQ "C:\NHANES\DSQFILE";
     PROC FORMAT CNTLIN=DSO.DSOFMT;
     PROC DATASETS LIB=DSQFILE;
     MODIFY DSQFILE1;
          FORMAT DSD010 DSD010F.;
          FORMAT DSDCOUNT DSDCNTF.:
     MODIFY DSQFILE2;
          FORMAT DSDSUPP $DSDSUPF.;
          FORMAT DSD070 DSD070F.;
          FORMAT DSDMTCH DSDMTCHF.:
          FORMAT DSD100U DSD100UF.;
          FORMAT DSD120U DSD120UF.;
     MODIFY DSQFILE3;
          FORMAT DSDSUPP $DSDSUPF.;
          FORMAT DSDSRCE DSDSRCEF.;
          FORMAT DSDTYPE DSDTYPEF.:
          FORMAT DSDSERVU DSDSRVF.;
          FORMAT DSDSERVA DSDASERF;
     MODIFY DSQFILE4;
          FORMAT DSDSUPP $DSDSUPF.;
          FORMAT DSDINGR $DSDINGF.;
          FORMAT DSDUNIT DSDUNTF.;
          FORMAT DSDCAT DSDCATF.;
          FORMAT DSDBLFLG DSDBLF.:
     MODIFY DSQFILE5;
          FORMAT DSDINGR $DSDINGF.;
          FORMAT DSDBCCAT DSDCATF.;
          FORMAT DSDBCNAM $BCNAMF.;
     QUIT;
```

DSQ:

The use of multiple format statements allows the user to "unselect" any variable from the format process by commenting out its format statement. When a format statement is commented out with an asterisk:

* FORMAT DSDBLFLG \$DSDBLF.;

the variable it contains will display format codes instead of text strings. In the above example the variable DSDBLFLG will show values of only "1" and "2" instead of the text strings "Ingredient is a blend" and "Ingredient is not a blend". Format codes or full text strings can be shown in any combination by commenting/uncommenting and re-running the PROC DATASETS at any time.

To simply obtain a listing of formatted text labels for each formatted variable, data users can use the following SAS code:

OPTIONS LS=240; LIBNAME DSQ "C:\NHANES\DSQFILE"; PROC PRINT DATA=DSQFILE.DSQFMT; RUN:

General Information About NHANES Interview Data

Respondent Rules

In general, persons 16 years of age and older, and emancipated minors were interviewed directly. A small number of NHANES questionnaire sections have different respondent rules. Please review the questionnaire documentation, questionnaires, and interviewer training manuals carefully prior to analyzing the data.

Proxy Rules

A responsible adult provided information for sample persons under 16 years of age and for individuals who could not self-report. The interviewer training manuals and component-specific notes provided with these files provide additional information about the use of respondents.

Automated Data Collection Methodology

Household Interview and Mobile Examination Center (MEC) Interview data were recorded electronically with the use of computerized questionnaire forms that were programmed using Blaise© software. The Household Interview questionnaires were programmed in Blaise© and installed on laptop computers for use in the field. The MEC interviews were also administered in an automated format, but the interview module formats included non-Blaise© software. After data collection was completed, the interview data files were transmitted electronically to a central survey database system.

NHANES Spanish Language Questionnaires

All NHANES questionnaires were translated into Spanish and were administered in computer-assisted personal interview (CAPI) format along with the English language versions.

Household Interview Component Questionnaires:

Screener Questionnaire Family Interview Questionnaire Sample Person Questionnaire

Mobile Examination Center (MEC) Questionnaires:

MEC Computer-Assisted Personal Interview (MEC CAPI)
MEC Audio-Computer-Assisted Self Interview (MEC A-CASI)

The MEC Interview component is a two-part interview that addresses several health-related topics. The personal interview portion is conducted in a private setting by a trained interviewer. The Audio Computerized Self Administered (A-CASI) portion of the interview was conducted in a private room in the MEC without the interviewer being present. (The interviewers are present for a brief "training" session dealing with the use of the personal computer and interview system software) The A-CASI format permits the respondents to hear questions through earphones and to read questions on a computer screen. Respondents progress through the A-CASI questions at their own speed, as they touch the computer screen to indicate their response. The A-CASI portion of the interview consists of five separate sections, each of which deals with a sensitive health risk behavior topic.

Interviewer Training:

All interviewers completed a comprehensive two-week training program. Many of the interviewers had prior interviewing experience. A large percentage of the household interviewers were bilingual in English and Spanish.

The MEC interviewers also received extensive interviewer training on personal and audio-computer-assisted interview administration. This training focused on the specific interview modules that were administered in the MEC dealing with mental health and smoking, drug use, alcohol, and sexual behavior.

NHANES interviewer training included role-playing exercises and practice interviews, all of which were monitored by NCHS and contractor staff. Detailed information about the interviewer training requirements is found in the NHANES Household Interviewer Training Manual.

Interviewer Quality Control Monitoring

Extensive pretesting was completed prior to implementing the questionnaires in the field. A full "dress rehearsal" pilot test was conducted with the field and examination staff to test all of the survey participant contact and interview systems and procedures.

Several types of quality control monitoring methods were implemented to ensure that high quality data were collected during the survey. Interviewer monitoring was a major responsibility for NCHS and contractor staff. Interviewers were frequently accompanied on interviews and observed to verify that the interview protocol was administered correctly. Interviewers were retrained on survey procedures if necessary.

NCHS encouraged the interviewers to provide constructive comments and feedback based on their field experiences. NCHS used field staff and interviewer feedback to improve the questionnaires and survey materials. Survey staff

debriefing and training sessions were conducted annually. NCHS and contractor staff participated in the debriefing meetings. Interviewers were trained on new survey content and protocol changes prior to implementation in the field.

Data collection system consistency checks

The NHANES CAPI systems have built-in edit and range checks for most questions that have open-ended response options. When unusual or unrealistic responses were recorded, the interviewer was alerted immediately and instructed to verify or edit the initial response.

Data Preparation: Reviews, editing, and derived variables

During data preparation, variable frequency counts were checked, questionnaire "skip" patterns were verified, and the reasonableness of responses to the questions were reviewed. If changes were made to the original data, a derived variable was created. The derived variable is essentially the final version of the variable after editing and recoding was performed. The derived variable nomenclature for questionnaire data includes the letter "D" in the third position of the variable name in place of the letter "Q" for the questionnaire item that is customarily used in NHANES data release files. The survey questionnaire codebooks include the names and descriptions of the derived variables.

Check Items and Final Data Release Variables

The codebooks for each survey component include "check item" variables. Check item variables were used internally at NCHS as part of the quality control process to verify that the data collection process was correct. The check item variables are <u>not</u> part of the data release files, however. Analysts would need to re-create these variables to produce check item frequencies.

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Item #	Data File	Component	Item ID	Label
1	ACQ	Acculturation	SEQN	Respondent sequence number
2	ACQ	Acculturation	ACD010A	English usually spoken at home
3	ACQ	Acculturation	ACD010B	Spanish usually spoken at home
4	ACQ	Acculturation	ACD010C	Other language(s) usually spoken at home
5	ACQ	Acculturation	ACQ020	Language(s) read and spoken
6	ACQ	Acculturation	ACQ030	Language(s) used as child
7	ACQ	Acculturation	ACD040	Language(s) usually spoken at home
8	ACQ	Acculturation	ACQ050	Language(s) usually used to think
9	ACQ	Acculturation	ACQ060	Language(s) usually used with friends
10	ACQ	Acculturation	ACD070	Father's country of birth
11	ACQ	Acculturation	ACD080	Mother's country of birth
12	ALQ	Alcohol Use	SEQN	Respondent sequence number
13	ALQ	Alcohol Use	ALQ100	Had at least 12 alcohol drinks/1 yr?
14	ALQ	Alcohol Use	ALQ110	Had at least 12 alcohol drinks/lifetime?
15	ALQ	Alcohol Use	ALQ120Q	How often drink alcohol over past 12 mos
16	ALQ	Alcohol Use	ALQ120U	# days drink alcohol per wk, mo, yr
17	ALQ	Alcohol Use	ALQ130	Avg # alcoholic drinks/day -past 12 mos
18	ALQ	Alcohol Use	ALQ140Q	# days have 5 or more drinks/past 12 mos
19	ALQ	Alcohol Use	ALQ140U	# days per week, month, year?
20	ALQ	Alcohol Use	ALQ150	Ever have 5 or more drinks every day?
21	AUQ	Audiometry	SEQN	Respondent sequence number

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Item #	Data File	Component	Item ID	Label
22	AUQ	Audiometry	AUQ130	General condition of hearing
23	AUQ	Audiometry	AUQ140	When was hearing last tested
24	AUQ	Audiometry	AUQ150	Ever worn a hearing aid
25	AUQ	Audiometry	AUQ160	Now wearing a hearing aid
26	AUQ	Audiometry	AUQ170	Worn hearing aid in past 12 months
27	AUQ	Audiometry	AUQ180	How often wear hearing aid in past year
28	AUQ	Audiometry	AUQ190	Ears ringing, roaring, buzzing past year
29	AUQ	Audiometry	AUQ200	How often ringing, roaring, buzzing
30	AUQ	Audiometry	AUQ210	Firearm noise exposure outside work
31	AUQ	Audiometry	AUQ220	Use ear protection around firearm noise
32	AUQ	Audiometry	AUQ230	Loud noise exposure outside work
33	AUQ	Audiometry	AUQ240	Use ear protection around loud noise
34	BAQ	Balance	SEQN	Respondent sequence number
35	BAQ	Balance	BAQ010	Dizzy/balance/falling problems/past yr
36	BAQ	Balance	BAQ020A	Dizziness problems in past year
37	BAQ	Balance	BAQ020B	Balance problems in past year
38	BAQ	Balance	BAQ020C	Falling problems in past year
39	BAQ	Balance	BAQ030A	How long did dizziness last
40	BAQ	Balance	BAQ030B	How long did balance problem last
41	BAQ	Balance	BAQ040	Get dizzy when turn over in bed
42	BAQ	Balance	BAQ060A	Off balance due to cold or flu

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Item #	Data File	Component	Item ID	Label
43	BAQ	Balance	BAQ060B	Off balance due to injury or accident
44	BAQ	Balance	BAQ060C	Off balance due to drugs or medicine
45	BAQ	Balance	BAQ060D	Off balance due to aging
46	BAQ	Balance	BAQ060E	Off balance due to surgery
47	BAQ	Balance	BAQ060F	Off balance due to hearing problem
48	BAQ	Balance	BAQ060G	Off balance due to vision problem
49	BAQ	Balance	BAQ060H	Nothing related to balance problem
50	BAQ	Balance	BAQ070	Received treatment for dizziness/balance
51	BAQ	Balance	BAQ075	How long ago where you treated
52	BAQ	Balance	BAQ080A	Did treatment involve medication
53	BAQ	Balance	BAQ080B	Did treatment involve surgery to ear
54	BAQ	Balance	BAQ080C	Did treatment involve other type surgery
55	BAQ	Balance	BAQ080D	Did treatment involve exercises
56	BAQ	Balance	BAQ090	Treatment affect on dizziness/balance
57	BAQ	Balance	BAQ100	Blood relative dizziness/balance problem
58	BPQ	Blood Pressure	SEQN	Respondent sequence number
59	BPQ	Blood Pressure	BPQ010	Last blood pressure reading by doctor
60	BPQ	Blood Pressure	BPQ020	Ever told you had high blood pressure
61	BPQ	Blood Pressure	BPQ030	Told had high blood pressure - 2+ times
62	BPQ	Blood Pressure	BPQ040A	Taking prescription for hypertension
63	BPQ	Blood Pressure	BPQ040B	Told to control weight for hypertension

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Item #	Data File	Component	Item ID	Label
64	BPQ	Blood Pressure	BPQ040C	Told to reduce sodium for hypertension
65	BPQ	Blood Pressure	BPQ040D	Told to exercise more for hypertension
66	BPQ	Blood Pressure	BPQ040E	Told to reduce alcohol for hypertension
67	BPQ	Blood Pressure	BPQ040F	Told to do other things for hypertension
68	BPQ	Blood Pressure	BPQ043A	Told to stop smoking for hypertension
69	BPQ	Blood Pressure	BPQ043B	Told to increase potassium for hyprtnsn
70	BPQ	Blood Pressure	BPQ043C	Told of other diet changes for hyprtnsn
71	BPQ	Blood Pressure	BPQ043D	Told to do other things for hyprtnsn
72	BPQ	Blood Pressure	BPQ050A	Now taking prescribed medicine
73	BPQ	Blood Pressure	BPQ050B	Now controlling weight
74	BPQ	Blood Pressure	BPQ050C	Now reducing salt/sodium
75	BPQ	Blood Pressure	BPQ050D	Now exercising more
76	BPQ	Blood Pressure	BPQ050E	Now reducing alcohol consumption
77	BPQ	Blood Pressure	BPQ060	Ever had blood cholesterol checked
78	BPQ	Blood Pressure	BPQ070	When blood cholesterol last checked
79	BPQ	Blood Pressure	BPQ080	Doctor told you - high cholesterol level
80	BPQ	Blood Pressure	BPQ090A	Told to eat less fat for cholesterol
81	BPQ	Blood Pressure	BPQ090B	Told to reduce weight for cholesterol
82	BPQ	Blood Pressure	BPQ090C	Told to exercise more for cholesterol
83	BPQ	Blood Pressure	BPQ090D	Told to take prescriptn for cholesterol
84	BPQ	Blood Pressure	BPQ100A	Now eating fewer high fat foods

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Item #	Data File	Component	Item ID	Label
85	BPQ	Blood Pressure	BPQ100B	Now controlling weight
86	BPQ	Blood Pressure	BPQ100C	Now increasing exercise
87	BPQ	Blood Pressure	BPQ100D	Now taking prescribed medicine
88	BPQ	Blood Pressure	BPQ110A	Eating fewer high fat foods on own
89	BPQ	Blood Pressure	BPQ110B	Controlling weight on own
90	BPQ	Blood Pressure	BPQ110C	Increasing exercise on own
91	BPQ	Blood Pressure	BPQ120	Eating fewer high fat foods on own
92	BPQ	Blood Pressure	BPQ130	Controlling weight on own
93	BPQ	Blood Pressure	BPQ140	Increasing exercise on own
94	CDQ	Cardiovascular Disease	SEQN	Respondent sequence number
95	CDQ	Cardiovascular Disease	CDQ010	Shortness of breath on stairs/inclines
96	CDQ	Cardiovascular Disease	CDQ020	Short of breath walking on level surface
97	CDQ	Cardiovascular Disease	CDQ030	Stop for breath walking at own pace
98	CDQ	Cardiovascular Disease	CDQ040	Stop for breath walking 100 yards
99	CDQ	Cardiovascular Disease	CDQ050	Awakened by trouble breathing
100	CDQ	Cardiovascular Disease	CDQ060	Breathing trouble relieved by sitting up
101	CDQ	Cardiovascular Disease	CDQ070	Sleep on 2+ pillows to help breathe
102	CDQ	Cardiovascular Disease	CDQ080	Had swelling of feet or ankles
103	CDQ	Cardiovascular Disease	CDQ090	Swelling during day or overnight
104	CFQ	Cognitive Functioning	SEQN	Respondent sequence number
105	CFQ	Cognitive Functioning	CFD010	Can do exercise without distraction?

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Item #	Data File	Component	Item ID	Label
106	CFQ	Cognitive Functioning	CFQ020	Usually wear glasses to read?
107	CFQ	Cognitive Functioning	CFD030	Has SP completed sample exercise?
108	CFQ	Cognitive Functioning	CFD040	Reason unable to complete sample
109	CFQ	Cognitive Functioning	CFD050	DSS exercise completion result
110	CFQ	Cognitive Functioning	CFDFINSH	Number complete
111	CFQ	Cognitive Functioning	CFDRIGHT	Score: number correct
112	DBQ	Diet Behavior & Alcohol	SEQN	Respondent sequence number
113	DBQ	Diet Behavior & Alcohol	DBQ010	Ever breastfed or fed breastmilk
114	DBQ	Diet Behavior & Alcohol	DBD020	Age started eating other foods (days)
115	DBQ	Diet Behavior & Alcohol	DBD030	Age stopped breastfeeding(days)
116	DBQ	Diet Behavior & Alcohol	DBD040	Age fed formula daily basis(days)
117	DBQ	Diet Behavior & Alcohol	DBD050	Age when stopped receiving formula(days)
118	DBQ	Diet Behavior & Alcohol	DBD060	Age first fed milk daily basis(days)
119	DBQ	Diet Behavior & Alcohol	DBQ070A	Type of milk first fed - whole milk
120	DBQ	Diet Behavior & Alcohol	DBQ070B	Type of milk first fed - 2% milk
121	DBQ	Diet Behavior & Alcohol	DBQ070C	Type of milk first fed - 1% milk
122	DBQ	Diet Behavior & Alcohol	DBQ070D	Type of milk first fed - skim/nonfat
123	DBQ	Diet Behavior & Alcohol	DBD070J	Type of milk first fed - other
124	DBQ	Diet Behavior & Alcohol	DBD080	Age started eating solid foods(days)
125	DBQ	Diet Behavior & Alcohol	DBD090	# of times/week eat restaurant food
126	DBQ	Diet Behavior & Alcohol	DBQ095	Type of salt used at table

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Item #	Data File	Component	Item ID	Label
127	DBQ	Diet Behavior & Alcohol	DBQ100	How often add salt to food at table
128	DBQ	Diet Behavior & Alcohol	DBQ110	Ever eat poultry
129	DBQ	Diet Behavior & Alcohol	DBQ120	When eat poultry, how often eat skin
130	DBQ	Diet Behavior & Alcohol	DBQ130	Ever eat beef, pork, lamb or veal
131	DBQ	Diet Behavior & Alcohol	DBQ140	When eating meat, ever eat visible fat
132	DBQ	Diet Behavior & Alcohol	DBD195	Past 30 day milk product consumption
133	DBQ	Diet Behavior & Alcohol	DBQ220A	You drink whole or regular milk
134	DBQ	Diet Behavior & Alcohol	DBQ220B	You drink 2% fat milk
135	DBQ	Diet Behavior & Alcohol	DBQ220C	You drink 1% fat milk
136	DBQ	Diet Behavior & Alcohol	DBQ220D	You drink skim, nonfat or .5% milk
137	DBQ	Diet Behavior & Alcohol	DBD220J	You drank another type of milk
138	DBQ	Diet Behavior & Alcohol	DBD235A	How often drank milk age 5-12
139	DBQ	Diet Behavior & Alcohol	DBD235B	How often drank milk age 13-17
140	DBQ	Diet Behavior & Alcohol	DBD235C	How often drank milk age 18-35
141	DBQ	Diet Behavior & Alcohol	ALD240	How often drink beer(per month)
142	DBQ	Diet Behavior & Alcohol	ALD250	How often drink wine(per month)
143	DBQ	Diet Behavior & Alcohol	ALD260	How often drink hard liquor(per month)
144	DBQ	Diet Behavior & Alcohol	DBD270A	Helping of protein food eaten/day
145	DBQ	Diet Behavior & Alcohol	DBD270B	Helping of milk/dairy foods eaten/day
146	DBQ	Diet Behavior & Alcohol	DBD270C	Helping of fruit/fruit juices eaten/day
147	DBQ	Diet Behavior & Alcohol	DBD270D	Helping of vegetables eaten/day

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Item #	Data File	Component	Item ID	Label
148	DBQ	Diet Behavior & Alcohol	DBD270E	Helping of breads/grain foods eaten/day
149	DBQ	Diet Behavior & Alcohol	DBQ300	Community/Government meals delivered
150	DBQ	Diet Behavior & Alcohol	DBQ330	Eat meals at community/senior center
151	DBQ	Diet Behavior & Alcohol	DBD360	Attend kindergarten thru high school
152	DBQ	Diet Behavior & Alcohol	DBD370	School serves school lunches
153	DBQ	Diet Behavior & Alcohol	DBD380	# of times/week get school lunch
154	DBQ	Diet Behavior & Alcohol	DBQ390	School lunch free, reduced or full price
155	DBQ	Diet Behavior & Alcohol	DBD400	School serve complete breakfast each day
156	DBQ	Diet Behavior & Alcohol	DBD410	# of times/week get school breakfast
157	DBQ	Diet Behavior & Alcohol	DBQ420	School breakfast free/reduced/full price
158	DEQ	Dermatology	SEQN	Respondent sequence number
159	DEQ	Dermatology	DEQ010	# moles at least 1/4 inch in diameter
160	DEQ	Dermatology	DEQ020	Natural hair color at age 18
161	DEQ	Dermatology	DEQ030	Skin reaction to sun after non-exposure
162	DEQ	Dermatology	DEQ040	Ever told by doctor you had melanoma
163	DEQ	Dermatology	DEQ050	Close blood relative have melanoma
164	DEQ	Dermatology	DEQ060	Dermatitis, eczema, rash in past year
165	DEQ	Dermatology	DEQ070	Have dermatitis, eczema, rash now
166	DEQ	Dermatology	DED080A	Hands affected by skin condition
167	DEQ	Dermatology	DED080B	Arms affected by skin condition
168	DEQ	Dermatology	DED080C	Head, face or neck skin affected

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Item #	Data File	Component	Item ID	Label
169	DEQ	Dermatology	DED080D	Torso affected by skin condition
170	DEQ	Dermatology	DED080E	Legs affected by skin condition
171	DEQ	Dermatology	DED080F	Shoulder affected by skin condition
172	DEQ	Dermatology	DED080G	Groin affected by skin condition
173	DEQ	Dermatology	DED080H	Buttocks affected by skin condition
174	DEQ	Dermatology	DED080I	Feet affected by skin condition
175	DEQ	Dermatology	DED080J	Other area affected by skin condition
176	DEQ	Dermatology	DEQ090	Chemicals/Substances cause condition
177	DEQ	Dermatology	DEQ110	Substances picked up at work
178	DEQ	Dermatology	DED100A	1st Chemical/substance listed
179	DEQ	Dermatology	DED100B	2nd Chemical/substance listed
180	DEQ	Dermatology	DED100C	3rd Chemical/substance listed
181	DEQ	Dermatology	DED100D	4th Chemical/substance listed
182	DIQ	Diabetes	SEQN	Respondent sequence number
183	DIQ	Diabetes	DIQ010	Doctor told you have diabetes
184	DIQ	Diabetes	DIQ040G	Age when first told you had diabetes
185	DIQ	Diabetes	DIQ040Q	Number of years of age
186	DIQ	Diabetes	DIQ050	Taking insulin now
187	DIQ	Diabetes	DIQ060G	How long taking insulin
188	DIQ	Diabetes	DIQ060Q	Number of mos/yrs taking insulin
189	DIQ	Diabetes	DIQ060U	Unit of measure (month/year)

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Item #	Data File	Component	Item ID	Label
190	DIQ	Diabetes	DIQ070	Take diabetic pills to lower blood sugar
191	DIQ	Diabetes	DIQ080	Diabetes affected eyes/had retinopathy
192	DIQ	Diabetes	DIQ090	Ulcer/sore not healed within 4 weeks
193	DIQ	Diabetes	DIQ100	Numbness in hands/feet-past 3 mos
194	DIQ	Diabetes	DIQ110	Numbness in hands, feet or both
195	DIQ	Diabetes	DIQ120	Pain/tingling in hands/feet - past 3 mos
196	DIQ	Diabetes	DIQ130	Pain/tingling in hands,feet or both
197	DIQ	Diabetes	DIQ140	Pain in either leg while walking
198	DIQ	Diabetes	DIQ150	Pain in calf or calves
199	DSQFILE1	Supplement Counts	SEQN	Respondent sequence number
200	DSQFILE1	Supplement Counts	DSD010	Any dietary supplements taken?
201	DSQFILE1	Supplement Counts	DSDCOUNT	Total # of dietary supplements taken
202	DSQFILE2	Participant's Use of Supplement	SEQN	Respondent sequence number
203	DSQFILE2	Participant's Use of Supplement	DSDSUPID	Supplement id number
204	DSQFILE2	Participant's Use of Supplement	DSDSUPP	Supplement name
205	DSQFILE2	Participant's Use of Supplement	DSD070	Was container seen?
206	DSQFILE2	Participant's Use of Supplement	DSDMTCH	Matching code
207	DSQFILE2	Participant's Use of Supplement	DSD090	How long supplement taken (days)?
208	DSQFILE2	Participant's Use of Supplement	DSD100Q	How often taken past month? (quantity)
209	DSQFILE2	Participant's Use of Supplement	DSD100U	How often taken past month? (unit)
210	DSQFILE2	Participant's Use of Supplement	DSD120Q	How much taken each time? (quantity)

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Item #	Data File	Component	Item ID	Label
211	DSQFILE2	Participant's Use of Supplement	DSD120U	How much taken each time? (unit)
212	DSQFILE2	Participant's Use of Supplement	DSDANTA	Antacid reported as a dietary supplement
213	DSQFILE3	Supplement Information	DSDSUPID	Supplement ID number
214	DSQFILE3	Supplement Information	DSDSUPP	Supplement name
215	DSQFILE3	Supplement Information	DSDSRCE	Supplement information source
216	DSQFILE3	Supplement Information	DSDTYPE	Formulation type
217	DSQFILE3	Supplement Information	DSDSERVQ	Serving size quantity
218	DSQFILE3	Supplement Information	DSDSERVU	Serving size unit
219	DSQFILE3	Supplement Information	DSDSERVA	Alternative serving size
220	DSQFILE3	Supplement Information	DSDCNTV	Count of vitamins in the supplement
221	DSQFILE3	Supplement Information	DSDCNTM	Count of minerals in the supplement
222	DSQFILE3	Supplement Information	DSDCNTA	Count of amino acids in the supplement
223	DSQFILE3	Supplement Information	DSDCNTB	Count of botanicals in the supplement
224	DSQFILE3	Supplement Information	DSDCNTO	Count of other ingredients in the supplement
225	DSQFILE4	Ingredient Information	DSDSUPID	Supplement ID number
226	DSQFILE4	Ingredient Information	DSDSUPP	Supplement name
227	DSQFILE4	Ingredient Information	DSDINGID	Ingredient ID
228	DSQFILE4	Ingredient Information	DSDINGR	Ingredient name
229	DSQFILE4	Ingredient Information	DSDOPER	Ingredient operator
230	DSQFILE4	Ingredient Information	DSDQTY	Ingredient quantity
231	DSQFILE4	Ingredient Information	DSDUNIT	Ingredient unit

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Item #	Data File	Component	Item ID	Label
232	DSQFILE4	Ingredient Information	DSDCAT	Ingredient category
233	DSQFILE4	Ingredient Information	DSDBLFLG	Blend flag
234	DSQFILE5	Supplement Blend	DSDINGID	Ingredient ID
235	DSQFILE5	Supplement Blend	DSDINGR	Ingredient name
236	DSQFILE5	Supplement Blend	DSDBCID	Blend component ID
237	DSQFILE5	Supplement Blend	DSDBCNAM	Blend component name
238	DSQFILE5	Supplement Blend	DSDBCCAT	Blend component category
239	DUQ	Drug Use	SEQN	Respondent sequence number
240	DUQ	Drug Use	DUQ100	Ever used cocaine or other street drug
241	DUQ	Drug Use	DUQ110	#days used street drugs over past year
242	DUQ	Drug Use	DUQ120	Ever used a needle to take street drugs
243	DUQ	Drug Use	DUQ130	#days used needle for street drugs/year
244	ECQ	Early Childhood	SEQN	Respondent sequence number
245	ECQ	Early Childhood	ECQ010	Mother's age when born
246	ECQ	Early Childhood	ECQ020	Mother smoked when pregnant
247	ECQ	Early Childhood	ECQ030	Mother quit smoking while pregnant
248	ECQ	Early Childhood	ECQ040	Mother quit smoking while pregnant (mo)
249	ECQ	Early Childhood	ECQ060	Receive newborn care at health facility
250	ECQ	Early Childhood	ECD070A	Weight at birth, pounds
251	ECQ	Early Childhood	ECD070B	Weight at birth, ounces
252	ECQ	Early Childhood	ECQ080	Weight more/less than 5.5 lbs

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Item #	Data File	Component	Item ID	Label
253	ECQ	Early Childhood	ECQ090	Weight more/less than 9.0 lbs
254	ECQ	Early Childhood	ECD100	Ever attend day care or preschool
255	ECQ	Early Childhood	ECD110	Now attend day care or preschool
256	ECQ	Early Childhood	FSQ121	Now attend headstart
257	ECQ	Early Childhood	ECQ130	Hours spent away from home/weekday day
258	ECQ	Early Childhood	ECQ140	Hours spent away from home/weekend day
259	FSQ	Food Security	SEQN	Respondent sequence number
260	FSQ	Food Security	FSD010	Food adequacy indicator
261	FSQ	Food Security	FSD160	Household WIC received
262	FSQ	Food Security	FSD170N	No. people in HH authorized for fd stmps
263	FSQ	Food Security	FSD180	Authorized for fd stmps in last 12 mos
264	FSQ	Food Security	FSD190	No. mos authorized in last 12 mos
265	FSQ	Food Security	FSD200	Currently authorized for fd stmps
266	FSQ	Food Security	FSD655	Child received WIC in past 12 months
267	FSQ	Food Security	FSD660C	Child currently receives WIC
268	FSQ	Food Security	FSD665	How long child receiving WIC?
269	FSQ	Food Security	FSQ650	Mom received WIC in past 12 months
270	FSQ	Food Security	FSD660M	Mom currently receives WIC
271	FSQ	Food Security	FSD670	How long mom receiving WIC?
272	FSQ	Food Security	HHfdsec	Household food security category
273	FSQ	Food Security	ADfdsec	Adult food security category

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Item #	Data File	Component	Item ID	Label
274	FSQ	Food Security	CHfdsec	Child food security category
275	HIQ	Health Insurance	SEQN	Respondent sequence number
276	HIQ	Health Insurance	HID010	Covered by health insurance
277	HIQ	Health Insurance	HID030A	Covered by private insurance
278	HIQ	Health Insurance	HID030B	Covered by Medicare
279	HIQ	Health Insurance	HID030C	Covered by Medicaid/CHIP
280	HIQ	Health Insurance	HID030D	Covered by other government insurance
281	HIQ	Health Insurance	HID030E	Covered by single service plan
282	HIQ	Health Insurance	HID040	Dental coverage included
283	HIQ	Health Insurance	HIQ210	Time when no insurance in past year?
284	HIQ	Health Insurance	HIQ220	How long since last insured
285	HOQ	Housing Characteristics	SEQN	Respondent sequence number
286	HOQ	Housing Characteristics	HOD010	Type of home
287	HOQ	Housing Characteristics	HOD030	How many apartments in building
288	HOQ	Housing Characteristics	HOD040	When was home built
289	HOQ	Housing Characteristics	HOD050	Number of rooms in home
290	HOQ	Housing Characteristics	HOD060	How many years family lived in home
291	HOQ	Housing Characteristics	HOQ065	Home owned, bought, rented, other
292	HOQ	Housing Characteristics	HOQ070	Source of tap water
293	HOQ	Housing Characteristics	HOQ080	Water treatment devices used or not
294	HOQ	Housing Characteristics	HOD140	Home painted in last 12 months

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Item #	Data File	Component	Item ID	Label
295	HOQ	Housing Characteristics	HOD150	Old paint scraped when home painted?
296	HOQ	Housing Characteristics	HOD160	Paint peeling, flaking, chipping inside
297	HOQ	Housing Characteristics	HOD170	Inside peeling area plus 22x26
298	HOQ	Housing Characteristics	HOD180	Number of rooms 22x26 peeling
299	HOQ	Housing Characteristics	HOD190	Outside paint peeling/flaking/chipping
300	HOQ	Housing Characteristics	HOD210	Outside peeling larger than door?
301	HOQ	Housing Characteristics	HOD220	Window, cabinet or wall renovation
302	HSQ	Health Status	SEQN	Respondent sequence number
303	HSQ	Health Status	HSQ500	SP recent health - over past 4 weeks
304	HSQ	Health Status	HSQ510	SP have stomach or intestinal illness?
305	HSQ	Health Status	HSQ520	SP have flu, pneumonia, ear infection?
306	HSQ	Health Status	HSQ570	SP donated blood in past 12 months?
307	HSQ	Health Status	HSQ580	How long ago was last blood donation?
308	HSQ	Health Status	HSQ590	Blood ever tested for HIV virus?
309	HSQ	Health Status	HSAQUEX	Source of Health Status Data
310	HUQ	Hospital Utilization	SEQN	Respondent sequence number
311	HUQ	Hospital Utilization	HUQ010	General health condition
312	HUQ	Hospital Utilization	HUQ020	Health now compared with 1 year ago
313	HUQ	Hospital Utilization	HUQ030	Routine place to go for healthcare
314	HUQ	Hospital Utilization	HUQ040	Type place most often go for healthcare
315	HUQ	Hospital Utilization	HUQ050	#Times received healthcare over past yr

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Item #	Data File	Component	Item ID	Label
316	HUQ	Hospital Utilization	HUQ060	How long since last healthcare visit
317	HUQ	Hospital Utilization	HUQ070	Overnight hospital patient in last year
318	HUQ	Hospital Utilization	HUD080	#Times overnite hospital patient/last yr
319	HUQ	Hospital Utilization	HUQ090	Seen mental health professional /past yr
320	IMQ	Immunization	SEQN	Respondent sequence number
321	IMQ	Immunization	IMQ010	Received hepatitis A vaccine series
322	IMQ	Immunization	IMQ020	Received hepatitis B 3 dose series
323	IMQ	Immunization	IMQ030	Had pneumonia vaccination
324	KIQ	Kidney	SEQN	Respondent sequence number
325	KIQ	Kidney	KIQ020	Ever told you had weak/failing kidneys
326	KIQ	Kidney	KIQ080	Difficulty starting to urinate
327	KIQ	Kidney	KIQ100	Bladder feel empty after urinating
328	KIQ	Kidney	KIQ120	Ever told you had enlarged prostate
329	KIQ	Kidney	KIQ140	Told it was a benign enlargement
330	KIQ	Kidney	KIQ160	Age first told had benign enlargement
331	KIQ	Kidney	KIQ180	Enlargement due to cancer
332	KIQ	Kidney	KIQ200	Ever told you had prostate cancer
333	KIQ	Kidney	KIQ220	Age when first told had prostate cancer
334	KIQ	Kidney	KIQ240	Ever had surgery on prostate gland
335	KIQ	Kidney	KIQ260	Surgery on prostate but not for cancer
336	KIQ	Kidney	KIQ280	Surgery for cancer of the prostate

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Item #	Data File	Component	Item ID	Label
337	KIQ	Kidney	KIQ300	Radiation treatments for prostate cancer
338	KIQ	Kidney	KIQ320	Blood test to check for prostate cancer
339	KIQ	Kidney	KIQ040	Difficulty controlling bladder
340	KIQ	Kidney	KIQ060	Frequency of bladder control problem
341	KIQ	Kidney	KIQ340	Ever had rectal examination?
342	KIQ	Kidney	KIQ360	Rectal exam check for prostate cancer
343	KIQ	Kidney	KIQ380	Rectal exam check for blood in stool
344	KIQ	Kidney	KIAQUEX	Questions KIQ340, -360, -380: 1=SI , 2=MI
345	MCQ	Medical Conditions	SEQN	Respondent sequence number
346	MCQ	Medical Conditions	MCQ010	Ever been told you have asthma
347	MCQ	Medical Conditions	MCQ020	Age when first had asthma
348	MCQ	Medical Conditions	MCQ030	Still have asthma
349	MCQ	Medical Conditions	MCQ040	Had asthma attack in past year
350	MCQ	Medical Conditions	MCQ050	Emergency care visit for asthma/past yr
351	MCQ	Medical Conditions	MCQ053	Taking treatment for anemia/past 3 mos
352	MCQ	Medical Conditions	MCQ060	Told have attention deficit disorder?
353	MCQ	Medical Conditions	MCQ080	Doctor ever said you were overweight
354	MCQ	Medical Conditions	MCQ083	Ever told you have learning disability
355	MCQ	Medical Conditions	MCQ090	Ever had chickenpox
356	MCQ	Medical Conditions	MCQ092	Ever receive blood transfusion
357	MCQ	Medical Conditions	MCQ093	Year receive blood transfusion

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Item #	Data File	Component	Item ID	Label
358	MCQ	Medical Conditions	MCQ100	Told have high blood pressure
359	MCQ	Medical Conditions	MCQ110	Taking medicine for high blood pressure
360	MCQ	Medical Conditions	MCQ114	Ever tested for lead poisoning
361	MCQ	Medical Conditions	MCQ117Q	How long since lead poisoning test
362	MCQ	Medical Conditions	MCQ117U	Months or years
363	MCQ	Medical Conditions	MCQ120A	Had hay fever in past year
364	MCQ	Medical Conditions	MCQ120B	Had 3 or more ear infections/past year
365	MCQ	Medical Conditions	MCQ120C	Had frequent/severe headaches/past yr
366	MCQ	Medical Conditions	MCQ120D	Stuttering/Stammering in past year
367	MCQ	Medical Conditions	MCQ140	Trouble seeing even with glass/contacts
368	MCQ	Medical Conditions	MCQ147	Menstrual periods started yet?
369	MCQ	Medical Conditions	MCQ148	Age when menstrual periods started
370	MCQ	Medical Conditions	MCQ150G	School days missed from injury/illness
371	MCQ	Medical Conditions	MCQ150Q	# school days missed from injury/illness
372	MCQ	Medical Conditions	MCQ160A	Doctor ever said you had arthritis
373	MCQ	Medical Conditions	MCQ160B	Ever told had congestive heart failure
374	MCQ	Medical Conditions	MCQ160C	Ever told you had coronary heart disease
375	MCQ	Medical Conditions	MCQ160D	Ever told you had angina/angina pectoris
376	MCQ	Medical Conditions	MCQ160E	Ever told you had heart attack
377	MCQ	Medical Conditions	MCQ160F	Ever told you had a stroke
378	MCQ	Medical Conditions	MCQ160G	Ever told you had emphysema

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Item #	Data File	Component	Item ID	Label
379	MCQ	Medical Conditions	MCQ160H	Ever told you had a goiter
380	MCQ	Medical Conditions	MCQ160I	Ever told you had thyroid disease
381	MCQ	Medical Conditions	MCQ160J	Doctor said you were overweight
382	MCQ	Medical Conditions	MCQ160K	Ever told you had chronic bronchitis
383	MCQ	Medical Conditions	MCQ160L	Ever told you had any liver condition
384	MCQ	Medical Conditions	MCQ170H	Do you still have a goiter
385	MCQ	Medical Conditions	MCQ170I	Do you still have thyroid disease
386	MCQ	Medical Conditions	MCQ170K	Do you still have chronic bronchitis
387	MCQ	Medical Conditions	MCQ170L	Do you still have a liver condition
388	MCQ	Medical Conditions	MCQ180A	Age when told you had arthritis
389	MCQ	Medical Conditions	MCQ180B	Age when told you had heart failure
390	MCQ	Medical Conditions	MCQ180C	Age when told had coronary heart disease
391	MCQ	Medical Conditions	MCQ180D	Age when told you had angina pectoris
392	MCQ	Medical Conditions	MCQ180E	Age when told you had heart attack
393	MCQ	Medical Conditions	MCQ180F	Age when told you had a stroke
394	MCQ	Medical Conditions	MCQ180G	Age when told you had emphysema
395	MCQ	Medical Conditions	MCQ180H	Age when told you had a goiter
396	MCQ	Medical Conditions	MCQ180I	Age when told you had thyroid disease
397	MCQ	Medical Conditions	MCQ180K	Age when told you had chronic bronchitis
398	MCQ	Medical Conditions	MCQ180L	Age when told you had a liver condition
399	MCQ	Medical Conditions	MCQ190	Which type of arthritis

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Item #	Data File	Component	Item ID	Label
400	MCQ	Medical Conditions	MCQ200	Ever told had stomach/duod/peptic ulcer
401	MCQ	Medical Conditions	MCQ210	Had ulcer in past year
402	MCQ	Medical Conditions	MCQ220	Ever told you had cancer or malignancy
403	MCQ	Medical Conditions	MCQ230A	What kind of cancer
404	MCQ	Medical Conditions	MCQ230B	What kind of cancer
405	MCQ	Medical Conditions	MCQ230C	What kind of cancer
406	MCQ	Medical Conditions	MCQ230D	What kind of cancer
407	MCQ	Medical Conditions	MCQ240A	Age when bladder cancer first diagnosed
408	MCQ	Medical Conditions	MCQ240B	Age when blood cancer first diagnosed
409	MCQ	Medical Conditions	MCQ240C	Age when bone cancer first diagnosed
410	MCQ	Medical Conditions	MCQ240D	Age when brain cancer first diagnosed
411	MCQ	Medical Conditions	MCQ240E	Age when breast cancer first diagnosed
412	MCQ	Medical Conditions	MCQ240F	Age when cervical cancer first diagnosed
413	MCQ	Medical Conditions	MCQ240G	Age when colon cancer first diagnosed
414	MCQ	Medical Conditions	MCQ240H	Age esophageal cancer first diagnosed
415	MCQ	Medical Conditions	MCQ240I	Age gallbladder cancer first diagnosed
416	MCQ	Medical Conditions	MCQ240J	Age when kidney cancer first diagnosed
417	MCQ	Medical Conditions	MCQ240K	Age larynx/windpipe cancer diagnosed
418	MCQ	Medical Conditions	MCQ240L	Age when leukemia first diagnosed
419	MCQ	Medical Conditions	MCQ240M	Age when liver cancer first diagnosed
420	MCQ	Medical Conditions	MCQ240N	Age when lung cancer first diagnosed

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Item #	Data File	Component	Item ID	Label
421	MCQ	Medical Conditions	MCQ240O	Age lymphoma/Hodgkins' diagnosed
422	MCQ	Medical Conditions	MCQ240P	Age when melanoma first diagnosed
423	MCQ	Medical Conditions	MCQ240Q	Age mouth\tongue\lip cancer diagnosed
424	MCQ	Medical Conditions	MCQ240R	Age nervous system cancer diagnosed
425	MCQ	Medical Conditions	MCQ240S	Age when ovarian cancer first diagnosed
426	MCQ	Medical Conditions	MCQ240T	Age pancreatic cancer first diagnosed
427	MCQ	Medical Conditions	MCQ240U	Age prostate cancer first diagnosed
428	MCQ	Medical Conditions	MCQ240V	Age when rectal cancer first diagnosed
429	MCQ	Medical Conditions	MCQ240W	Age non-melanoma skin cancer diagnosed
430	MCQ	Medical Conditions	MCQ240X	Age unknown skin cancer first diagnosed
431	MCQ	Medical Conditions	MCQ240Y	Age soft tissue cancer first diagnosed
432	MCQ	Medical Conditions	MCQ240Z	Age stomach cancer first diagnosed
433	MCQ	Medical Conditions	MCQ240AA	Age testicular cancer first diagnosed
434	MCQ	Medical Conditions	MCQ240BB	Age when thyroid cancer first diagnosed
435	MCQ	Medical Conditions	MCQ240CC	Age when uterine cancer first diagnosed
436	MCQ	Medical Conditions	MCQ240DD	Age other type of cancer first diagnosed
437	MCQ	Medical Conditions	MCQ245A	Work days missed for illness/maternity
438	MCQ	Medical Conditions	MCQ245B	# of workdays missed
439	MCQ	Medical Conditions	MCQ250A	Blood relatives have diabetes
440	MCQ	Medical Conditions	MCQ250B	Blood relatives have Alzheimer's
441	MCQ	Medical Conditions	MCQ250C	Blood relatives have asthma

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Item #	Data File	Component	Item ID	Label
442	MCQ	Medical Conditions	MCQ250D	Blood relatives have arthritis
443	MCQ	Medical Conditions	MCQ250E	Blood relatives have osteoporosis
444	MCQ	Medical Conditions	MCQ250F	Blood relatives w/hypertension/stroke
445	MCQ	Medical Conditions	MCQ250G	Blood relatives have angina
446	MCQ	Medical Conditions	MCQ260AA	Blood relative-diabetes-mother
447	MCQ	Medical Conditions	MCQ260AB	Blood relative-diabetes-father
448	MCQ	Medical Conditions	MCQ260AC	Blood relative-diabetes-mother's mother
449	MCQ	Medical Conditions	MCQ260AD	Blood relative-diabetes-mother's father
450	MCQ	Medical Conditions	MCQ260AE	Blood relative-diabetes-father's mother
451	MCQ	Medical Conditions	MCQ260AF	Blood relative-diabetes-father's father
452	MCQ	Medical Conditions	MCQ260AG	Blood relative-diabetes-brother
453	MCQ	Medical Conditions	MCQ260AH	Blood relative-diabetes-sister
454	MCQ	Medical Conditions	MCQ260AI	Blood relative-diabetes-other
455	MCQ	Medical Conditions	MCQ260BA	Blood relative-Alzheimer's-mother
456	MCQ	Medical Conditions	MCQ260BB	Blood relative-Alzheimer's-father
457	MCQ	Medical Conditions	MCQ260BC	Blood relative-Alzheimer's-mom's mother
458	MCQ	Medical Conditions	MCQ260BD	Blood relative-Alzheimer's-mom's father
459	MCQ	Medical Conditions	MCQ260BE	Blood relative-Alzheimer's-dad's mother
460	MCQ	Medical Conditions	MCQ260BF	Blood relative-Alzheimer's-dad's father
461	MCQ	Medical Conditions	MCQ260BG	Blood relative-Alzheimer's-brother
462	MCQ	Medical Conditions	MCQ260BH	Blood relative-Alzheimer's-sister

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Item #	Data File	Component	Item ID	Label
463	MCQ	Medical Conditions	MCQ260BI	Blood relative-Alzheimer's-other
464	MCQ	Medical Conditions	MCQ260CA	Blood relative-asthma-mother
465	MCQ	Medical Conditions	MCQ260CB	Blood relative-asthma-father
466	MCQ	Medical Conditions	MCQ260CC	Blood relative-asthma-mother's mother
467	MCQ	Medical Conditions	MCQ260CD	Blood relative-asthma-mother's father
468	MCQ	Medical Conditions	MCQ260CE	Blood relative-asthma-father's mother
469	MCQ	Medical Conditions	MCQ260CF	Blood relative-asthma-father's father
470	MCQ	Medical Conditions	MCQ260CG	Blood relative-asthma-brother
471	MCQ	Medical Conditions	MCQ260CH	Blood relative-asthma-sister
472	MCQ	Medical Conditions	MCQ260CI	Blood relative-asthma-other
473	MCQ	Medical Conditions	MCQ260DA	Blood relative-arthritis-mother
474	MCQ	Medical Conditions	MCQ260DB	Blood relative-arthritis-father
475	MCQ	Medical Conditions	MCQ260DC	Blood relative-arthritis-mother's mother
476	MCQ	Medical Conditions	MCQ260DD	Blood relative-arthritis-mother's father
477	MCQ	Medical Conditions	MCQ260DE	Blood relative-arthritis-father's mother
478	MCQ	Medical Conditions	MCQ260DF	Blood relative-arthritis-father's father
479	MCQ	Medical Conditions	MCQ260DG	Blood relative-arthritis-brother
480	MCQ	Medical Conditions	MCQ260DH	Blood relative-arthritis-sister
481	MCQ	Medical Conditions	MCQ260DI	Blood relative-arthritis-other
482	MCQ	Medical Conditions	MCQ260EA	Blood relative-osteoporosis-mother
483	MCQ	Medical Conditions	MCQ260EB	Blood relative-osteoporosis-father

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Item #	Data File	Component	Item ID	Label
484	MCQ	Medical Conditions	MCQ260EC	Blood relative-osteoporosis-mom's mother
485	MCQ	Medical Conditions	MCQ260ED	Blood relative-osteoporosis-mom's father
486	MCQ	Medical Conditions	MCQ260EE	Blood relative-osteoporosis-dad's mother
487	MCQ	Medical Conditions	MCQ260EF	Blood relative-osteoporosis-dad's father
488	MCQ	Medical Conditions	MCQ260EG	Blood relative-osteoporosis-brother
489	MCQ	Medical Conditions	MCQ260EH	Blood relative-osteoporosis-sister
490	MCQ	Medical Conditions	MCQ260EI	Blood relative-osteoporosis-other
491	MCQ	Medical Conditions	MCQ260FA	Blood relative-hypertension-mother
492	MCQ	Medical Conditions	MCQ260FB	Blood relative-hypertension-father
493	MCQ	Medical Conditions	MCQ260FC	Blood relative-hypertension-mom's mother
494	MCQ	Medical Conditions	MCQ260FD	Blood relative-hypertension-mom's father
495	MCQ	Medical Conditions	MCQ260FE	Blood relative-hypertension-dad's mother
496	MCQ	Medical Conditions	MCQ260FF	Blood relative-hypertension-dad's father
497	MCQ	Medical Conditions	MCQ260FG	Blood relative-hypertension-brother
498	MCQ	Medical Conditions	MCQ260FH	Blood relative-hypertension-sister
499	MCQ	Medical Conditions	MCQ260FI	Blood relative-hypertension-other
500	MCQ	Medical Conditions	MCQ260GA	Blood relative-heart attack-mother
501	MCQ	Medical Conditions	MCQ260GB	Blood relative-heart attack-father
502	MCQ	Medical Conditions	MCQ260GC	Blood relative-heart attack-mom's mother
503	MCQ	Medical Conditions	MCQ260GD	Blood relative-heart attack-mom's father
504	MCQ	Medical Conditions	MCQ260GE	Blood relative-heart attack-dad's mother

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Item #	Data File	Component	Item ID	Label
505	MCQ	Medical Conditions	MCQ260GF	Blood relative-heart attack-dad's father
506	MCQ	Medical Conditions	MCQ260GG	Blood relative-heart attack-brother
507	MCQ	Medical Conditions	MCQ260GH	Blood relative-heart attack-sister
508	MCQ	Medical Conditions	MCQ260GI	Blood relative-heart attack-other
509	MCQ	Medical Conditions	MCQ270	Your mother ever fracture hip
510	MCQ	Medical Conditions	MCQ280	Mother's age when fractured hip
511	MCQ	Medical Conditions	MCQ290	Mother under/over 50 when fracture hip
512	MPQ	Miscellaneous Pain	SEQN	Respondent sequence number
513	MPQ	Miscellaneous Pain	MPQ010	Joint pain/aching/stiffness in past year
514	MPQ	Miscellaneous Pain	MPQ020	Symptoms present for most of month?
515	MPQ	Miscellaneous Pain	MPQ030	Symptoms begin only because of injury
516	MPQ	Miscellaneous Pain	MPD040	#wks have joint pain symptoms
517	MPQ	Miscellaneous Pain	MPD050A	Right shoulder affected
518	MPQ	Miscellaneous Pain	MPD050B	Left shoulder affected
519	MPQ	Miscellaneous Pain	MPD050C	Right elbow affected
520	MPQ	Miscellaneous Pain	MPD050D	Left elbow affected
521	MPQ	Miscellaneous Pain	MPD050E	Right hip affected
522	MPQ	Miscellaneous Pain	MPD050F	Left hip attected
523	MPQ	Miscellaneous Pain	MPD050G	Right wrist affected
524	MPQ	Miscellaneous Pain	MPD050H	Left wrist affected
525	MPQ	Miscellaneous Pain	MPD050I	Right knee affected

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Item #	Data File	Component	Item ID	Label
526	MPQ	Miscellaneous Pain	MPD050J	Left knee affected
527	MPQ	Miscellaneous Pain	MPD050K	Right ankle afftected
528	MPQ	Miscellaneous Pain	MPD050L	Left ankle affected
529	MPQ	Miscellaneous Pain	MPD050M	Right toes affected
530	MPQ	Miscellaneous Pain	MPD050N	Left toes affected
531	MPQ	Miscellaneous Pain	MPD050O	Right fingers/thumb affected
532	MPQ	Miscellaneous Pain	MPD050P	Left fingers/thumb affected
533	MPQ	Miscellaneous Pain	MPD050Q	Other joints affected
534	MPQ	Miscellaneous Pain	MPQ060	Neck pain over last three months
535	MPQ	Miscellaneous Pain	MPQ070	Low back pain
536	MPQ	Miscellaneous Pain	MPQ080	Pain down either leg below knee
537	MPQ	Miscellaneous Pain	MPQ090	Severe headaches or migraines
538	MPQ	Miscellaneous Pain	MPQ100	Pain problem lasting more than 24 hrs
539	MPQ	Miscellaneous Pain	MPQ110	How long experience this pain
540	MPQ	Miscellaneous Pain	MPQ120A	Head affected
541	MPQ	Miscellaneous Pain	MPQ120B	Face/dental affected
542	MPQ	Miscellaneous Pain	MPQ120C	Right shoulder/girdle affected
543	MPQ	Miscellaneous Pain	MPQ120D	Left shoulder/girdle affected
544	MPQ	Miscellaneous Pain	MPQ120E	Right upper arm affected
545	MPQ	Miscellaneous Pain	MPQ120F	Left upper arm affected
546	MPQ	Miscellaneous Pain	MPQ120G	Right mid-arm affected

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Item #	Data File	Component	Item ID	Label
547	MPQ	Miscellaneous Pain	MPQ120H	Left mid-arm affected
548	MPQ	Miscellaneous Pain	MPQ120I	Right lower arm affected
549	MPQ	Miscellaneous Pain	MPQ120J	Left lower arm affected
550	MPQ	Miscellaneous Pain	MPQ120K	Right upper back affected
551	MPQ	Miscellaneous Pain	MPQ120L	Left upper back affected
552	MPQ	Miscellaneous Pain	MPQ120M	Right lower back affected
553	MPQ	Miscellaneous Pain	MPQ120N	Left lower back affected
554	MPQ	Miscellaneous Pain	MPQ1200	Right buttock affected
555	MPQ	Miscellaneous Pain	MPQ120P	Left buttock affected
556	MPQ	Miscellaneous Pain	MPQ120Q	Right upper leg affected
557	MPQ	Miscellaneous Pain	MPQ120R	Left upper leg affected
558	MPQ	Miscellaneous Pain	MPQ120S	Right mid-leg affected
559	MPQ	Miscellaneous Pain	MPQ120T	Left mid-leg affected
560	MPQ	Miscellaneous Pain	MPQ120U	Right lower leg affected
561	MPQ	Miscellaneous Pain	MPQ120V	Left lower leg affected
562	MPQ	Miscellaneous Pain	MPQ120W	Neck affected
563	MPQ	Miscellaneous Pain	MPQ120X	Sternum affected
564	MPQ	Miscellaneous Pain	MPQ120Y	Right chest affected
565	MPQ	Miscellaneous Pain	MPQ120Z	Left chest affected
566	MPQ	Miscellaneous Pain	MPQ120AA	Abdomen affected
567	MPQ	Miscellaneous Pain	MPQ120AB	Spine affected

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Item #	Data File	Component	Item ID	Label
568	MPQ	Miscellaneous Pain	MPQ120AC	Right hand affected
569	MPQ	Miscellaneous Pain	MPQ120AD	Left hand affected
570	MPQ	Miscellaneous Pain	MPQ120AE	Right foot affected
571	MPQ	Miscellaneous Pain	MPQ120AF	Left foot affected
572	OCQ	Occupation	SEQN	Respondent sequence number
573	OCQ	Occupation	OCQ130	Average hours/week of paid/unpaid work
574	OCQ	Occupation	OCQ150	Type of work done last week
575	OCQ	Occupation	OCQ160	Worked at all last week?
576	OCQ	Occupation	OCQ180	Hours worked last week at all jobs
577	OCQ	Occupation	OCQ210	Usually work 35 or more hours per week
578	OCQ	Occupation	OCQ260	Description of job/work situation
579	OCQ	Occupation	OCD270	Number of months working in the main job
580	OCQ	Occupation	OCQ280	Health insurance offered at main job
581	OCQ	Occupation	OCQ290G	Smell tobacco smoke at work
582	OCQ	Occupation	OCQ290Q	# Hrs/day smell tobacco smoke at work
583	OCQ	Occupation	OCQ300	Ever wear protective equipment at work
584	OCQ	Occupation	OCQ310A	Ever wear respirator at work
585	OCQ	Occupation	OCQ310B	Ever wear hearing protection at work
586	OCQ	Occupation	OCQ310C	Ever wear protective gloves at work
587	OCQ	Occupation	OCQ330A	Protective gloves of latex rubber
588	OCQ	Occupation	OCQ330B	Protective gloves of leather

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Item #	Data File	Component	Item ID	Label
589	OCQ	Occupation	OCQ330C	Protective gloves of vinyl
590	OCQ	Occupation	OCQ330D	Protective gloves of cloth
591	OCQ	Occupation	OCQ330E	Protective gloves of something else
592	OCQ	Occupation	OCQ340	Ever exp. job noise 3+mos-SP working
593	OCQ	Occupation	OCQ350	Currently exposed to loud noise at work
594	OCQ	Occupation	OCQ360	Avg # hours loud noise exposure now
595	OCQ	Occupation	OCQ380	Main reason did not work last week
596	OCQ	Occupation	OCD395	Duration of longest work (months)
597	OCQ	Occupation	OCQ420	Ever exp. job noise 3+mos-SP not working
598	OCQ	Occupation	OCQ430	Loud job noise: 3 months on longest job?
599	OCQ	Occupation	OCQ440	# hours/day constant loud noise on job
600	OCQ	Occupation	OCQ450	Wear ear protection during work
601	OCQ	Occupation	OCQ270Q	How long worked at main job
602	OCQ	Occupation	OCQ270U	Unit of measure (day/week/month/year)
603	OHQ	Oral Health	SEQN	Respondent sequence number
604	OHQ	Oral Health	OHQ010	General condition of mouth and teeth
605	OHQ	Oral Health	OHQ020	Limit foods because of teeth problems
606	OHQ	Oral Health	OHQ030	When did you last visit a dentist
607	OHQ	Oral Health	OHQ033	Main reason for last dental visit
608	OHQ	Oral Health	OHQ040	Routine checkups over past 3 yrs
609	OHQ	Oral Health	OHQ050	Routine checkups frequency past 3 yrs

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Item #	Data File	Component	Item ID	Label
610	OHQ	Oral Health	OHQ060	Regular dentist/lab you visit for care
611	OHQ	Oral Health	OHQ070Q	How long use this dentist/lab as regular
612	OHQ	Oral Health	OHQ070U	Unit of measure (days/wks/mos/yrs)
613	OHQ	Oral Health	OHQ080	Sip liquids to aid swallowing foods
614	OHQ	Oral Health	OHQ090	Amount of saliva in mouth
615	OHQ	Oral Health	OHQ100	Difficulties swallowing foods
616	OHQ	Oral Health	OHQ110	Mouth feel dry when eating meal
617	OSQ	Osteoporosis	SEQN	Respondent sequence number
618	OSQ	Osteoporosis	OSQ010A	Broken or fractured a hip
619	OSQ	Osteoporosis	OSQ010B	Broken or fractured a wrist
620	OSQ	Osteoporosis	OSQ010C	Broken or fractured spine
621	OSQ	Osteoporosis	OSQ020A	# Times broken/fractured hip
622	OSQ	Osteoporosis	OSQ020B	# Times broken/fractured wrist
623	OSQ	Osteoporosis	OSQ020C	# Times broken/fractured spine
624	OSQ	Osteoporosis	OSQ030AA	Age when fractured hip 1st time
625	OSQ	Osteoporosis	OSQ040AA	Under/over 50 when fracd. hip 1st time
626	OSQ	Osteoporosis	OSQ050AA	Reason hip fracture occurred 1st time
627	OSQ	Osteoporosis	OSQ030AB	Age when fractured hip 2nd time
628	OSQ	Osteoporosis	OSQ040AB	Under/over 50 when fracd. hip 2nd time
629	OSQ	Osteoporosis	OSQ050AB	Reason hip fracture occurred 2nd time
630	OSQ	Osteoporosis	OSQ030AC	Age when fractured hip 3rd time

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Item #	Data File	Component	Item ID	Label
631	OSQ	Osteoporosis	OSQ040AC	Under/over 50 when fracd. hip 3rd time
632	OSQ	Osteoporosis	OSQ050AC	Reason hip fracture occurred 3rd time
633	OSQ	Osteoporosis	OSQ030BA	Age when fractured wrist 1st time
634	OSQ	Osteoporosis	OSQ040BA	Under/over 50 when fracd. wrist 1st time
635	OSQ	Osteoporosis	OSQ050BA	Reason wrist fracture occurred 1st time
636	OSQ	Osteoporosis	OSQ030BB	Age when fractured wrist 2nd time
637	OSQ	Osteoporosis	OSQ040BB	Under/over 50 when fracd. wrist 2nd time
638	OSQ	Osteoporosis	OSQ050BB	Reason wrist fracture occurred 2nd time
639	OSQ	Osteoporosis	OSQ030BC	Age when fractured wrist 3rd time
640	OSQ	Osteoporosis	OSQ040BC	Under/over 50 when fracd. wrist 3rd time
641	OSQ	Osteoporosis	OSQ050BC	Reason wrist fracture occurred 3rd time
642	OSQ	Osteoporosis	OSQ030BD	Age when fractured wrist 4th time
643	OSQ	Osteoporosis	OSQ040BD	Under/over 50 when fracd. wrist 4th time
644	OSQ	Osteoporosis	OSQ050BD	Reason wrist fracture occurred 4th time
645	OSQ	Osteoporosis	OSQ030BE	Age when fractured wrist 5th time
646	OSQ	Osteoporosis	OSQ040BE	Under/over 50 when fracd. wrist 5th time
647	OSQ	Osteoporosis	OSQ050BE	Reason wrist fracture occurred 5th time
648	OSQ	Osteoporosis	OSQ030BF	Age when fractured wrist 6th time
649	OSQ	Osteoporosis	OSQ040BF	Under/over 50 when fracd. wrist 6th time
650	OSQ	Osteoporosis	OSQ050BF	Reason wrist fracture occurred 6th time
651	OSQ	Osteoporosis	OSQ030BG	Age when fractured wrist 7th time

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Item #	Data File	Component	Item ID	Label
652	OSQ	Osteoporosis	OSQ040BG	Under/over 50 when fracd. wrist 7th time
653	OSQ	Osteoporosis	OSQ050BG	Reason wrist fracture occurred 7th time
654	OSQ	Osteoporosis	OSQ030BH	Age when fractured wrist 8th time
655	OSQ	Osteoporosis	OSQ040BH	Under/over 50 when fracd. wrist 8th time
656	OSQ	Osteoporosis	OSQ050BH	Reason wrist fracture occurred 8th time
657	OSQ	Osteoporosis	OSQ030BI	Age when fractured wrist 9th time
658	OSQ	Osteoporosis	OSQ040BI	Under/over 50 when fracd. wrist 9th time
659	OSQ	Osteoporosis	OSQ050BI	Reason wrist fracture occurred 9th time
660	OSQ	Osteoporosis	OSQ030BJ	Age when fractured wrist 10th time
661	OSQ	Osteoporosis	OSQ040BJ	Under/over 50 when fracd wrist 10th time
662	OSQ	Osteoporosis	OSQ050BJ	Reason wrist fracture occurred 10th time
663	OSQ	Osteoporosis	OSQ030CA	Age when fractured spine 1st time
664	OSQ	Osteoporosis	OSQ040CA	Under/over 50 when fracd. spine 1st time
665	OSQ	Osteoporosis	OSQ050CA	Reason spine fracture occurred 1st time
666	OSQ	Osteoporosis	OSQ030CB	Age when fractured spine 2nd time
667	OSQ	Osteoporosis	OSQ040CB	Under/over 50 when fracd. spine 2nd time
668	OSQ	Osteoporosis	OSQ050CB	Reason spine fracture occurred 2nd time
669	OSQ	Osteoporosis	OSQ030CC	Age when fractured spine 3rd time
670	OSQ	Osteoporosis	OSQ040CC	Under/over 50 when fracd. spine 3rd time
671	OSQ	Osteoporosis	OSQ050CC	Reason spine fracture occurred 3rd time
672	OSQ	Osteoporosis	OSQ030CD	Age when fractured spine 4th time

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Item #	Data File	Component	Item ID	Label
673	OSQ	Osteoporosis	OSQ040CD	Under/over 50 when fracd. spine 4th time
674	OSQ	Osteoporosis	OSQ050CD	Reason spine fracture occurred 4th time
675	OSQ	Osteoporosis	OSQ030CE	Age when fractured spine 5th time
676	OSQ	Osteoporosis	OSQ040CE	Under/over 50 when fracd. spine 5th time
677	OSQ	Osteoporosis	OSQ050CE	Reason spine fracture occurred 5th time
678	OSQ	Osteoporosis	OSQ060	Ever told had osteoporosis/brittle bones
679	OSQ	Osteoporosis	OSQ070	Ever treated for osteoporosis
680	PAQ	Physical Activity	SEQN	Respondent sequence number
681	PAQ	Physical Activity	PAD020	Walked or bicycled over past 30 days
682	PAQ	Physical Activity	PAQ050Q	# times walked or bicycled
683	PAQ	Physical Activity	PAQ050U	Unit of measure (day/week/month)
684	PAQ	Physical Activity	PAD080	How long per day (minutes)
685	PAQ	Physical Activity	PAQ100	Tasks around home/yard past 30 days
686	PAQ	Physical Activity	PAD120	# of times past 30 days
687	PAQ	Physical Activity	PAD160	How long each time (minutes)
688	PAQ	Physical Activity	PAQ180	Avg level of physical activity each day
689	PAQ	Physical Activity	PAD200	Vigorous activity over past 30 days
690	PAQ	Physical Activity	PAD320	Moderate activity over past 30 days
691	PAQ	Physical Activity	PAD440	Muscle strengthening activities
692	PAQ	Physical Activity	PAD460	Number of times past 30 days
693	PAQ	Physical Activity	PAQ480	Daily hours of TV, video or computer use

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Item #	Data File	Component	Item ID	Label
694	PAQ	Physical Activity	PAQ500	Activity comparison last mo - last yr
695	PAQ	Physical Activity	PAQ520	Compare activity w/others same age
696	PAQ	Physical Activity	PAQ540	Compare activity with 10 years ago
697	PAQ	Physical Activity	PAQ560	# time/week you play or exercise hard
698	PAQ	Physical Activity	PAD570	# of hours watch TV or videos yesterday
699	PAQ	Physical Activity	PAQ580	# hours use computer/games yesterday
700	PAQ	Physical Activity	PAAQUEX	Questionnaire source flag for weighting
701	PAQIAF	Physical Activity Individual Activities File	SEQN	Respondent sequence number
702	PAQIAF	Physical Activity Individual Activities File	PADACTIV	Leisure time activity
703	PAQIAF	Physical Activity Individual Activities File	PADLEVEL	Activity level
704	PAQIAF	Physical Activity Individual Activities File	PADTIMES	# of times did activity in past 30 days
705	PAQIAF	Physical Activity Individual Activities File	PADDURAT	Average duration of activity (minutes)
706	PAQIAF	Physical Activity Individual Activities File	PADMETS	MET score for activity
707	PAQIAF	Physical Activity Individual Activities File	PAAQUEX	Questionnaire source flag for weighting
708	PFQ	Physical Functioning	SEQN	Respondent sequence number
709	PFQ	Physical Functioning	PFQ010	Physical,mental,emotional limitations
710	PFQ	Physical Functioning	PFQ015	Able to take part in most type of play
711	PFQ	Physical Functioning	PFQ020	Crawl, walk, run, play limitations

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Item #	Data File	Component	Item ID	Label
712	PFQ	Physical Functioning	PFQ030	Long term impairment/health problem
713	PFQ	Physical Functioning	PFQ040	Receive Special Ed or Early Intervention
714	PFQ	Physical Functioning	PFQ048	Limitations keeping you from working
715	PFQ	Physical Functioning	PFQ050	Limited in amount of work you can do
716	PFQ	Physical Functioning	PFQ055	Need special equipment to walk
717	PFQ	Physical Functioning	PFQ056	Experience confusion/memory problems
718	PFQ	Physical Functioning	PFQ059	Physical, mental, emotional limitations
719	PFQ	Physical Functioning	PFQ060A	Managing money difficulty
720	PFQ	Physical Functioning	PFQ060B	Walking for a quarter mile difficulty
721	PFQ	Physical Functioning	PFQ060C	Walking up ten steps difficulty
722	PFQ	Physical Functioning	PFQ060D	Stooping, crouching, kneeling difficulty
723	PFQ	Physical Functioning	PFQ060E	Lifting or carrying difficulty
724	PFQ	Physical Functioning	PFQ060F	House chore difficulty
725	PFQ	Physical Functioning	PFQ060G	Preparing meals difficulty
726	PFQ	Physical Functioning	PFQ060H	Walking between rooms on same floor
727	PFQ	Physical Functioning	PFQ060I	Standingup from armless chair difficulty
728	PFQ	Physical Functioning	PFQ060J	Getting in and out of bed difficulty
729	PFQ	Physical Functioning	PFQ060K	Using fork, knife, drinking from cup
730	PFQ	Physical Functioning	PFQ060L	Dressing yourself difficulty
731	PFQ	Physical Functioning	PFQ060M	Standing for long periods difficulty
732	PFQ	Physical Functioning	PFQ060N	Sitting for long periods difficulty

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Item #	Data File	Component	Item ID	Label
733	PFQ	Physical Functioning	PFQ060O	Reaching up over head difficulty
734	PFQ	Physical Functioning	PFQ060P	Grasp/holding small objects difficulty
735	PFQ	Physical Functioning	PFQ060Q	Going out to movies, events difficulty
736	PFQ	Physical Functioning	PFQ060R	Attending social event difficulty
737	PFQ	Physical Functioning	PFQ060S	Leisure activity at home difficulty
738	PFQ	Physical Functioning	PFD067A	Health problems causing difficulty
739	PFQ	Physical Functioning	PFD067B	Health problems causing difficulty
740	PFQ	Physical Functioning	PFD067C	Health problems causing difficulty
741	PFQ	Physical Functioning	PFD067D	Health problems causing difficulty
742	PFQ	Physical Functioning	PFD067E	Health problems causing difficulty
743	PFQ	Physical Functioning	PFD069AG	Arthritis or rheumatism problems
744	PFQ	Physical Functioning	PFD069AQ	Number of days/weeks/months/years
745	PFQ	Physical Functioning	PFD069AU	Unit of measure (da/wk/mo/yr)
746	PFQ	Physical Functioning	PFD069BG	Back or neck problems
747	PFQ	Physical Functioning	PFD069BQ	Number of days/weeks/months/years
748	PFQ	Physical Functioning	PFD069BU	Unit of measure (da/wk/mo/yr)
749	PFQ	Physical Functioning	PFQ069CG	Cancer condition
750	PFQ	Physical Functioning	PFQ069CQ	Number of days/weeks/months/years
751	PFQ	Physical Functioning	PFQ069CU	Unit of measure (da/wk/mo/yr)
752	PFQ	Physical Functioning	PFD069DG	Depression, anxiety, emotional problems
753	PFQ	Physical Functioning	PFD069DQ	Number of days/weeks/months/years

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Item #	Data File	Component	Item ID	Label
754	PFQ	Physical Functioning	PFD069DU	Unit of measure (da/wk/mo/yr)
755	PFQ	Physical Functioning	PFQ069EG	Other development problems
756	PFQ	Physical Functioning	PFQ069EQ	Number of days/weeks/months/years
757	PFQ	Physical Functioning	PFQ069EU	Unit of measure (da/wk/mo/yr)
758	PFQ	Physical Functioning	PFQ069FG	Diabetes condition
759	PFQ	Physical Functioning	PFQ069FQ	Number of days/weeks/months/years
760	PFQ	Physical Functioning	PFQ069FU	Unit of measure (da/wk/mo/yr)
761	PFQ	Physical Functioning	PFQ069GG	Fractures, bone, joint injury problems
762	PFQ	Physical Functioning	PFQ069GQ	Number of days/weeks/months/years
763	PFQ	Physical Functioning	PFQ069GU	Unit of measure (da/wk/mo/yr)
764	PFQ	Physical Functioning	PFQ069HG	Hearing problems
765	PFQ	Physical Functioning	PFQ069HQ	Number of days/weeks/months/years
766	PFQ	Physical Functioning	PFQ069HU	Unit of measure (da/wk/mo/yr)
767	PFQ	Physical Functioning	PFD069IG	Heart problems
768	PFQ	Physical Functioning	PFD069IQ	Number of days/weeks/months/years
769	PFQ	Physical Functioning	PFD069IU	Unit of measure (da/wk/mo/yr)
770	PFQ	Physical Functioning	PFD069JG	Hypertension or high blood pressure
771	PFQ	Physical Functioning	PFD069JQ	Number of days/weeks/months/years
772	PFQ	Physical Functioning	PFD069JU	Unit of measure (da/wk/mo/yr)
773	PFQ	Physical Functioning	PFQ069KG	Lung or breathing problems
774	PFQ	Physical Functioning	PFQ069KQ	Number of days/weeks/months/years

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Item #	Data File	Component	Item ID	Label
775	PFQ	Physical Functioning	PFQ069KU	Unit of measure (da/wk/mo/yr)
776	PFQ	Physical Functioning	PFQ069LG	Mental retardation condition
777	PFQ	Physical Functioning	PFQ069LQ	Number of days/weeks/months/years
778	PFQ	Physical Functioning	PFQ069LU	Unit of measure (da/wk/mo/yr)
779	PFQ	Physical Functioning	PFQ069MG	Other injury problems
780	PFQ	Physical Functioning	PFQ069MQ	Number of days/weeks/months/years
781	PFQ	Physical Functioning	PFQ069MU	Unit of measure (da/wk/mo/yr)
782	PFQ	Physical Functioning	PFQ069NG	Senility condition
783	PFQ	Physical Functioning	PFQ069NQ	Number of days/weeks/months/years
784	PFQ	Physical Functioning	PFQ069NU	Unit of measure (da/wk/mo/yr)
785	PFQ	Physical Functioning	PFQ069OG	Stroke problems
786	PFQ	Physical Functioning	PFQ069OQ	Number of days/weeks/months/years
787	PFQ	Physical Functioning	PFQ069OU	Unit of measure (da/wk/mo/yr)
788	PFQ	Physical Functioning	PFD069PG	Vision problems
789	PFQ	Physical Functioning	PFD069PQ	Number of days/weeks/months/years
790	PFQ	Physical Functioning	PFD069PU	Unit of measure (da/wk/mo/yr)
791	PFQ	Physical Functioning	PFD069QG	Weight problems
792	PFQ	Physical Functioning	PFD069QQ	Number of days/weeks/months/years
793	PFQ	Physical Functioning	PFD069QU	Unit of measure (da/wk/mo/yr)
794	PFQ	Physical Functioning	PFD069RG	Other impairment problems
795	PFQ	Physical Functioning	PFD069RQ	Number of days/weeks/months/years

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Item #	Data File	Component	Item ID	Label
796	PFQ	Physical Functioning	PFD069RU	Unit of measure (da/wk/mo/yr)
797	PFQ	Physical Functioning	PFQ090	Require special healthcare equipment
798	PFQ	Physical Functioning	PFQ100	Special eating utensils
799	PFQ	Physical Functioning	PFQ110	Dressing aids or devices
800	PUQ	Pesticide Use	SEQN	Respondent sequence number
801	PUQ	Pesticide Use	PUD010	Pest control in home in past month?
802	PUQ	Pesticide Use	PUD020	Rooms treated for pests?
803	PUQ	Pesticide Use	PUD021	Foundation/outside of building treated?
804	PUQ	Pesticide Use	PUD031	Non-professional treated home?
805	PUQ	Pesticide Use	PUD032	# treatments in home by non-professional
806	PUQ	Pesticide Use	PUD033	Professional treated home?
807	PUQ	Pesticide Use	PUD034	# treatments in home by professional
808	PUQ	Pesticide Use	PUD040	Home have private yard?
809	PUQ	Pesticide Use	PUD060	Pest control in yard in past month?
810	PUQ	Pesticide Use	PUD071	Non-professional treated yard?
811	PUQ	Pesticide Use	PUD072	# treatments in yard by non-professional
812	PUQ	Pesticide Use	PUD073	Professional treated yard?
813	PUQ	Pesticide Use	PUD074	# treatments in yard by professional
814	RDQ	Respiratory Disease	SEQN	Respondent sequence number
815	RDQ	Respiratory Disease	RDQ010	Problems with coughing in past year
816	RDQ	Respiratory Disease	RDQ020G	Episodes of coughing in past year

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Item #	Data File	Component	Item ID	Label
817	RDQ	Respiratory Disease	RDQ020Q	Enter number of episodes
818	RDQ	Respiratory Disease	RDQ030	Coughing most days - over 3 mo period
819	RDQ	Respiratory Disease	RDQ040	# years had cough problem
820	RDQ	Respiratory Disease	RDQ050	Bring up phlegm most days - 3 mo period
821	RDQ	Respiratory Disease	RDQ060	# years bringing up phlegm problem
822	RDQ	Respiratory Disease	RDQ070	Wheezing or whistling in chest - past yr
823	RDQ	Respiratory Disease	RDQ080	# wheezing/whistling attacks past year
824	RDQ	Respiratory Disease	RDQ090	Wheezing disturb sleep in past year
825	RDQ	Respiratory Disease	RDQ100	Chest sound wheezy during exercise
826	RDQ	Respiratory Disease	RDQ110	Wheezing severe enough to limit speech
827	RDQ	Respiratory Disease	RDQ120	Got medical attn for wheezing attack
828	RDQ	Respiratory Disease	RDQ130	Taken medication for wheezing -past yr
829	RDQ	Respiratory Disease	RDQ133	Doctor prescribe wheezing medication
830	RDQ	Respiratory Disease	RDQ135	Limit usual activities due to wheezing
831	RDQ	Respiratory Disease	RDQ137	Miss work or school due to wheezing
832	RDQ	Respiratory Disease	RDQ140	Had dry cough at night in past year
833	RHQ	Reproductive Health	SEQN	Respondent sequence number
834	RHQ	Reproductive Health	RHQ010	Age when first menstrual period occurred
835	RHQ	Reproductive Health	RHQ020	Age range at first menstrual period
836	RHQ	Reproductive Health	RHQ030	Had regular periods in past 12 months
837	RHQ	Reproductive Health	RHQ040	Reason not having regular periods

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Item #	Data File	Component	Item ID	Label
838	RHQ	Reproductive Health	RHQ050	When did SP have last period?
839	RHQ	Reproductive Health	RHQ060	Age at last menstrual period
840	RHQ	Reproductive Health	RHQ070	Age range at last menstrual period
841	RHQ	Reproductive Health	RHD080	Days since last period
842	RHQ	Reproductive Health	RHQ090	Menstrual cycle regularity/last 5 years
843	RHQ	Reproductive Health	RHQ100	Menstrual bleeding rate/last 5 years
844	RHQ	Reproductive Health	RHQ110	Hot flashes, night sweats/last 6 mos?
845	RHQ	Reproductive Health	RHD120	Monthly frequency of hot flashes
846	RHQ	Reproductive Health	RHD130	Ever been pregnant?
847	RHQ	Reproductive Health	RHQ140	Think that you are pregnant now?
848	RHQ	Reproductive Health	RHQ150	What month of pregnancy are you in?
849	RHQ	Reproductive Health	RHQ160	How many times have been pregnant?
850	RHQ	Reproductive Health	RHD170	# pregnancies resulting in live births
851	RHQ	Reproductive Health	RHQ180	Age at first live birth
852	RHQ	Reproductive Health	RHQ190	Age at last live birth
853	RHQ	Reproductive Health	RHQ200	Now breastfeeding a child?
854	RHQ	Reproductive Health	RHQ210	Breastfed any of your children?
855	RHQ	Reproductive Health	RHD230	# of children breastfed at least 1 month
856	RHQ	Reproductive Health	RHQ240A	Reason not breastfed - job/schedule
857	RHQ	Reproductive Health	RHQ240B	Reason not breastfed - mother's phys/med
858	RHQ	Reproductive Health	RHQ240C	Reason not breastfed - child's phys/med

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Item #	Data File	Component	Item ID	Label
859	RHQ	Reproductive Health	RHQ240D	Reason not breastfed - preferred bottle
860	RHQ	Reproductive Health	RHQ240E	Reason not breastfed - didn't know how
861	RHQ	Reproductive Health	RHQ240F	Reason not breastfed - other
862	RHQ	Reproductive Health	RHQ250	Any child weight <5.5 lbs at birth?
863	RHQ	Reproductive Health	RHQ260	# children weighing <5.5 lbs at birth?
864	RHQ	Reproductive Health	RHD270	Number of children born preterm
865	RHQ	Reproductive Health	RHD280	Had a hysterectomy?
866	RHQ	Reproductive Health	RHQ290	Age when had hysterectomy
867	RHQ	Reproductive Health	RHQ300	Had at least one ovary removed?
868	RHQ	Reproductive Health	RHQ310	Were both ovaries removed or only one?
869	RHQ	Reproductive Health	RHQ320	Both ovaries removed at same time?
870	RHQ	Reproductive Health	RHQ330	Age when first/both ovaries removed
871	RHQ	Reproductive Health	RHQ340	Age when second ovary removed
872	RHQ	Reproductive Health	RHD350	Fallopian tubes ever cut/tied/removed
873	RHQ	Reproductive Health	RHQ360	Told by doctor had endometriosis?
874	RHQ	Reproductive Health	RHQ370	Age when first told had endometriosis
875	RHQ	Reproductive Health	RHQ380	Told by doctor had uterine fibroids?
876	RHQ	Reproductive Health	RHQ390	Age when first told had uterine fibroids
877	RHQ	Reproductive Health	RHQ420	Ever taken birth control pills?
878	RHQ	Reproductive Health	RHQ430	Age when started taking birth pills
879	RHQ	Reproductive Health	RHD440	Taking birth control pills now?

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Item #	Data File	Component	Item ID	Label
880	RHQ	Reproductive Health	RHQ450	Age when stopped taking birth pills
881	RHQ	Reproductive Health	RHQ460Q	How long taking birth control pills
882	RHQ	Reproductive Health	RHQ460U	Unit of measure: months, years
883	RHQ	Reproductive Health	RHD470	Brand name of contraceptives
884	RHQ	Reproductive Health	RHQ510	Used DepoProvera or injectables?
885	RHQ	Reproductive Health	RHQ520	Now use DepoProvera or injectables?
886	RHQ	Reproductive Health	RHQ540	Ever use female hormones?
887	RHQ	Reproductive Health	RHQ541A	Hormone pills used
888	RHQ	Reproductive Health	RHQ541B	Hormone patches used
889	RHQ	Reproductive Health	RHQ541C	Hormone cream/suppository/injection used
890	RHQ	Reproductive Health	RHQ550	Having periods when start hormones
891	RHQ	Reproductive Health	RHQ551A	Used estr/progest for menopause
892	RHQ	Reproductive Health	RHQ551B	Used estr/progest for emotions
893	RHQ	Reproductive Health	RHQ551C	Used estr/progest for hysterct/oophorect
894	RHQ	Reproductive Health	RHQ551D	Used estr/progest for osteoporosis
895	RHQ	Reproductive Health	RHQ551E	Used estr/progest for cardiovascular dis
896	RHQ	Reproductive Health	RHQ551F	Used estr/progest for irregular periods
897	RHQ	Reproductive Health	RHQ551G	Used estr/progest for other reasons
898	RHQ	Reproductive Health	RHQ554	Use hormone pills w/estrogen only
899	RHQ	Reproductive Health	RHQ556	Age started estrogen-only pills
900	RHQ	Reproductive Health	RHQ558	Taking estrogen only pills now?

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Item #	Data File	Component	Item ID	Label
901	RHQ	Reproductive Health	RHQ560Q	How long taking estrogen only pills
902	RHQ	Reproductive Health	RHQ560U	Unit of measure: months, years
903	RHQ	Reproductive Health	RHQ562	Used hormone pills w/progestin only
904	RHQ	Reproductive Health	RHQ564	Age started progestin only pills
905	RHQ	Reproductive Health	RHQ566	Taking progestin only pills now?
906	RHQ	Reproductive Health	RHQ568Q	How long taking progestin only pills
907	RHQ	Reproductive Health	RHQ568U	Unit of measure: months, years
908	RHQ	Reproductive Health	RHQ570	Used estrogen/progestin combo pills
909	RHQ	Reproductive Health	RHQ572	Age started estrogen/progestin pills
910	RHQ	Reproductive Health	RHQ574	Taking estrogen/progestin now?
911	RHQ	Reproductive Health	RHQ576Q	How long taking estrogen/progestin
912	RHQ	Reproductive Health	RHQ576U	Unit of measure: months, years
913	RHQ	Reproductive Health	RHQ580	Used estrogen-only patches?
914	RHQ	Reproductive Health	RHQ582	Age started estrogen-only patches
915	RHQ	Reproductive Health	RHQ584	Using estrogen-only patches now?
916	RHQ	Reproductive Health	RHQ586Q	How long using estrogen only patch
917	RHQ	Reproductive Health	RHQ586U	Unit of measure: months, years
918	RHQ	Reproductive Health	RHQ596	Used estrogen/progestin combo patch
919	RHQ	Reproductive Health	RHQ598	Age started estrogen/progestin patch
920	RHQ	Reproductive Health	RHQ600	Use estrogen/progestin patch now?
921	RHQ	Reproductive Health	RHQ602Q	How long use estrogen/progestin patch

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Item #	Data File	Component	Item ID	Label
922	RHQ	Reproductive Health	RHQ602U	Unit of measure: months, years
923	RXQ_ANA	Analgesics/Pain Relievers	SEQN	Respondent sequence number
924	RXQ_ANA	Analgesics/Pain Relievers	RXQ300	Drugs/over counter taken regularly
925	RXQ_ANA	Analgesics/Pain Relievers	RXQ310	Product taken
926	RXQ_ANA	Analgesics/Pain Relievers	RXD320	# years taking product every day
927	RXQ_ANA	Analgesics/Pain Relievers	RXQ330	Currently taking product every day
928	RXQ_ANA	Analgesics/Pain Relievers	RXD331Q	# of pills/doses taken/day
929	RXQ_ANA	Analgesics/Pain Relievers	RXD331U	Unit of measure (pills/doses)
930	RXQ_RX	Prescription Medications	SEQN	Respondent sequence number
931	RXQ_RX	Prescription Medications	RXD295	Number of prescription medicines taken
932	RXQ_RX	Prescription Medications	RXD030	Taken prescription medicine in past month
933	RXQ_RX	Prescription Medications	RXD260	Number of days taken medicine
934	RXQ_RX	Prescription Medications	RXD240B	Standard generic ingredient name
935	RXQ_RX	Prescription Medications	FDACODE1	FDA/NDC drug class code 1
936	RXQ_RX	Prescription Medications	FDACODE2	FDA/NDC drug class code 2
937	RXQ_RX	Prescription Medications	FDACODE3	FDA/NDC drug class code 3
938	RXQ_RX	Prescription Medications	FDACODE4	FDA/NDC drug class code 4
939	RXQ_RX	Prescription Medications	FDACODE5	FDA/NDC drug class code 5
940	RXQ_RX	Prescription Medications	FDACODE6	FDA/NDC drug class code 6
941	RXQ_RX	Prescription Medications	NHCODE	Generic ingredient code
942	RXQ_RX	Prescription Medications	RXQ250	Medicine container seen by interviewer

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Item #	Data File	Component	Item ID	Label
943	RXQ_RX	Prescription Medications	RXQ280	Number of canisters used in past month
944	RXQ_RX	Prescription Medications	RXDDRGID	Generic drug code
945	SMQ	Smoking & Tobacco Use	SEQN	Respondent sequence number
946	SMQ	Smoking & Tobacco Use	SMQ020	Smoked at least 100 cigarettes in life
947	SMQ	Smoking & Tobacco Use	SMD030	Age started smoking cigarettes regularly
948	SMQ	Smoking & Tobacco Use	SMQ040	Do you now smoke cigarettes
949	SMQ	Smoking & Tobacco Use	SMQ050Q	How long since quit smoking cigarettes
950	SMQ	Smoking & Tobacco Use	SMQ050U	Unit of measure (day/week/month/year)
951	SMQ	Smoking & Tobacco Use	SMD055	Age last smoked cigarettes regularly
952	SMQ	Smoking & Tobacco Use	SMD057	# cigarettes smoked per day when quit
953	SMQ	Smoking & Tobacco Use	SMD070	# cigarettes smoked per day now
954	SMQ	Smoking & Tobacco Use	SMD075	How many years smoked this amount
955	SMQ	Smoking & Tobacco Use	SMD080	# days smoked cigs during past 30 days
956	SMQ	Smoking & Tobacco Use	SMD090	Avg # cigarettes/day during past 30 days
957	SMQ	Smoking and Tobacco Use	SMD100BR	Cigarette Brand/sub-brand
958	SMQ	Smoking and Tobacco Use	SMD100FL	Filter type
959	SMQ	Smoking and Tobacco Use	SMD100MN	Menthol indicator
960	SMQ	Smoking and Tobacco Use	SMD100LN	Length
961	SMQ	Smoking and Tobacco Use	SMD100TR	FTC Tar Content
962	SMQ	Smoking and Tobacco Use	SMD100NI	FTC Nicotine Content
963	SMQ	Smoking and Tobacco Use	SMD100CO	FTC Carbon Monoxide Content

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Item #	Data File	Component	Item ID	Label
964	SMQ	Smoking & Tobacco Use	SMQ120	Smoked a pipe at least 20 times in life
965	SMQ	Smoking & Tobacco Use	SMD130	Age started smoking pipes regularly
966	SMQ	Smoking & Tobacco Use	SMQ140	Do you now smoke a pipe
967	SMQ	Smoking & Tobacco Use	SMQ143	# pipefuls of tobacco smoked per day
968	SMQ	Smoking & Tobacco Use	SMQ145	# years smoked this amount of pipes
969	SMQ	Smoking & Tobacco Use	SMQ150	Smoked cigars at least 20 times in life
970	SMQ	Smoking & Tobacco Use	SMD160	Age started smoking cigars regularly
971	SMQ	Smoking & Tobacco Use	SMQ170	Do you now smoke cigars
972	SMQ	Smoking & Tobacco Use	SMQ173	# cigars smokes per day
973	SMQ	Smoking & Tobacco Use	SMQ175	# years smoked this amount of cigars
974	SMQ	Smoking & Tobacco Use	SMQ180	Used snuff at least 20 times in life
975	SMQ	Smoking & Tobacco Use	SMD190	Age started using snuff regularly
976	SMQ	Smoking & Tobacco Use	SMQ200	Do you now use snuff
977	SMQ	Smoking & Tobacco Use	SMD203	# snuff pinches/dips/rubs per day
978	SMQ	Smoking & Tobacco Use	SMQ205	# years used this amount of snuff
979	SMQ	Smoking & Tobacco Use	SMQ210	Used chewing tobacco 20 times in life
980	SMQ	Smoking & Tobacco Use	SMD220	Age started chewing tobacco regularly
981	SMQ	Smoking & Tobacco Use	SMQ230	Do you now use chewing tobacco
982	SMQ	Smoking & Tobacco Use	SMD233	# chewing plugs/wads/chaws per day
983	SMQ	Smoking & Tobacco Use	SMD235	# years used this chewing tobacco amount
984	SMQFAM	Family Smoking	SEQN	Respondent sequence number

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Item #	Data File	Component	Item ID	Label
985	SMQFAM	Family Smoking	SMD410	Does anyone smoke in the home
986	SMQFAM	Family Smoking	SMD415	Total number of smokers in home
987	SMQFAM	Family Smoking	SMD415A	Total # of cigarette smokers in home
988	SMQFAM	Family Smoking	SMD415B	Total # of cigar smokers in home
989	SMQFAM	Family Smoking	SMD415C	Total # of pipe smokers in home
990	SMQFAM	Family Smoking	SMD430	Total # cigarettes smoked in home
991	SMQFAM	Family Smoking	SMD440	Total # cigars smoked in home
992	SMQFAM	Family Smoking	SMD450	Total # pipes smoked in home
993	SMQMEC	Smoking & Tobacco Use	SEQN	Respondent sequence number
994	SMQMEC	Smoking & Tobacco Use	SMQ620	Ever tried cigarette smoking
995	SMQMEC	Smoking & Tobacco Use	SMD630	Age first smoked whole cigarette
996	SMQMEC	Smoking & Tobacco Use	SMQ640	# days smoked cigarettes in past month
997	SMQMEC	Smoking & Tobacco Use	SMQ650	# cigarettes per day during past month
998	SMQMEC	Smoking & Tobacco Use	SMQ660	Brands of cigarettes smoked/past mo
999	SMQMEC	Smoking & Tobacco Use	SMQ664B	Menthol or non-menthol BensonHedges
1000	SMQMEC	Smoking & Tobacco Use	SMQ664C	Menthol or non-menthol Camels
1001	SMQMEC	Smoking & Tobacco Use	SMQ664M	Menthol or non-menthol Marlboro
1002	SMQMEC	Smoking & Tobacco Use	SMQ664O	Menthol or non-menthol other brand
1003	SMQMEC	Smoking & Tobacco Use	SMQ664W	Menthol or non-menthol Winston
1004	SMQMEC	Smoking & Tobacco Use	SMQ666B	Regular, light or ultralite BensonHedges
1005	SMQMEC	Smoking & Tobacco Use	SMQ666C	Regular, light or ultralite Camels

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Item #	Data File	Component	Item ID	Label
1006	SMQMEC	Smoking & Tobacco Use	SMQ666K	Regular, light or ultralite Kools
1007	SMQMEC	Smoking & Tobacco Use	SMQ666M	Regular, light or ultralite Marlboro
1008	SMQMEC	Smoking & Tobacco Use	SMQ666N	Regular, light or ultralite Newport
1009	SMQMEC	Smoking & Tobacco Use	SMQ666O	Regular, light or ultralite other brand
1010	SMQMEC	Smoking & Tobacco Use	SMQ666S	Regular, light or ultralite Salem
1011	SMQMEC	Smoking & Tobacco Use	SMQ666W	Regular, light or ultralite Winston
1012	SMQMEC	Smoking & Tobacco Use	SMQ670	Tried to quit smoking - past 12 months
1013	SMQMEC	Smoking & Tobacco Use	SMD680	Used tobacco or nicotine in last 5 days
1014	SMQMEC	Smoking & Tobacco Use	SMD690A	Used last 5 days - cigarettes
1015	SMQMEC	Smoking & Tobacco Use	SMD690B	Used last 5 days - pipes
1016	SMQMEC	Smoking & Tobacco Use	SMD690C	Used last 5 days - cigars
1017	SMQMEC	Smoking & Tobacco Use	SMD690D	Used last 5 days - chewing tobacco
1018	SMQMEC	Smoking & Tobacco Use	SMQ690E	Used last 5 days - snuff
1019	SMQMEC	Smoking & Tobacco Use	SMD690F	Used last 5 days - patch, gum, other
1020	SMQMEC	Smoking & Tobacco Use	SMD710	# days smoked cigarettes - last 5 days
1021	SMQMEC	Smoking & Tobacco Use	SMD720	# cigarettes smoked/day - last 5 days
1022	SMQMEC	Smoking & Tobacco Use	SMQ725	When did SP smoke last cigarette
1023	SMQMEC	Smoking & Tobacco Use	SMD740	# days smoked pipe - last 5 days
1024	SMQMEC	Smoking & Tobacco Use	SMD750	# pipes smoked/day - last 5 days
1025	SMQMEC	Smoking & Tobacco Use	SMQ755	When did SP smoke last pipe
1026	SMQMEC	Smoking & Tobacco Use	SMD770	# days smoked cigars - last 5 days

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Item #	Data File	Component	Item ID	Label
1027	SMQMEC	Smoking & Tobacco Use	SMD780	# cigars smoked/day - last 5 days
1028	SMQMEC	Smoking & Tobacco Use	SMQ785	When did SP smoke last cigar
1029	SMQMEC	Smoking & Tobacco Use	SMD800	# days used chewing tobacco- last 5 days
1030	SMQMEC	Smoking & Tobacco Use	SMQ815	When did SP last use chewing tobacco
1031	SMQMEC	Smoking & Tobacco Use	SMQ817	# days used snuff over last 5 days
1032	SMQMEC	Smoking & Tobacco Use	SMQ819	When did SP last used snuff
1033	SMQMEC	Smoking & Tobacco Use	SMD830	# days used nicotine aids - last 5 days
1034	SMQMEC	Smoking & Tobacco Use	SMQ840	Last time used nicotine stop smoking aid
1035	SMQMEC	Smoking & Tobacco Use	SMAQUEX	Questionnaire source flag for weighting
1036	SSQ	Social Support	SEQN	Respondent sequence number
1037	SSQ	Social Support	SSQ010	Anyone to help with emotional support
1038	SSQ	Social Support	SSQ020A	Spouse gives most emotional support
1039	SSQ	Social Support	SSQ020B	Daughter gives most emotional support
1040	SSQ	Social Support	SSQ020C	Son gives most emotional support
1041	SSQ	Social Support	SSQ020D	Sibling gives most emotional support
1042	SSQ	Social Support	SSQ020E	Parent gives most emotional support
1043	SSQ	Social Support	SSQ020F	Other relative gives emotional support
1044	SSQ	Social Support	SSQ020G	Neighbors give most emotional support
1045	SSQ	Social Support	SSQ020H	Co-workers give most emotional support
1046	SSQ	Social Support	SSQ020I	Church members give emotional support
1047	SSQ	Social Support	SSQ020J	Club members give most emotional support

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Item #	Data File	Component	Item ID	Label
1048	SSQ	Social Support	SSQ020K	ProfessionIs give most emotional support
1049	SSQ	Social Support	SSQ020L	Friends give most emotional support
1050	SSQ	Social Support	SSQ020M	Others give most emotional support
1051	SSQ	Social Support	SSQ020N	No one gives most emotional support
1052	SSQ	Social Support	SSQ030	Needed more support in past year
1053	SSQ	Social Support	SSQ040	How much more support needed
1054	SSQ	Social Support	SSQ050	Anyone to help with financial support
1055	SSQ	Social Support	SSQ060	Number of close friends
1056	SXQ	Sexual Behavior	SEQN	Respondent sequence number
1057	SXQ	Sexual Behavior	SXQ020	Ever had sexual intercourse
1058	SXQ	Sexual Behavior	SXD030	Age when first had sexual intercourse
1059	SXQ	Sexual Behavior	SXQ100	#men sex intercourse partners/life
1060	SXQ	Sexual Behavior	SXQ120	#men sex intercourse partners/year
1061	SXQ	Sexual Behavior	SXQ130	#women sex intercourse partners/life
1062	SXQ	Sexual Behavior	SXQ150	#women sex intercourse partners/year
1063	SXQ	Sexual Behavior	SXQ170	#women sex intercourse partners/life
1064	SXQ	Sexual Behavior	SXQ190	#women sex intercourse partners/year
1065	SXQ	Sexual Behavior	SXQ200	#men sex intercourse partners/lifetime
1066	SXQ	Sexual Behavior	SXQ220	#men sex intercourse partners/year
1067	SXQ	Sexual Behavior	SXQ240	#sexual intercourse partners/past mo
1068	SXQ	Sexual Behavior	SXQ250	#times had sex without condom/past mo

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Item #	Data File	Component	Item ID	Label
1069	SXQ	Sexual Behavior	SXQ260	Doctor ever told you had genital herpes
1070	SXQ	Sexual Behavior	SXQ265	Doctor ever told you had genital warts
1071	SXQ	Sexual Behavior	SXQ270	Doctor ever told you had gonorrhea
1072	SXQ	Sexual Behavior	SXQ272	Doctor ever told you had chlamydia
1073	SXQ	Sexual Behavior	SXQ280	Are you circumcised or uncircumcised
1074	TBQ	Tuberculosis	SEQN	Respondent sequence number
1075	TBQ	Tuberculosis	TBQ010	Ever had TB/tuberculosis skin test
1076	TBQ	Tuberculosis	TBQ020	Ever told had positive TB skin test
1077	TBQ	Tuberculosis	TBQ030	Prescribed medicine for preventing TB
1078	TBQ	Tuberculosis	TBQ040	Ever told you had active TB
1079	TBQ	Tuberculosis	TBQ050	Prescribed medicine for active TB
1080	TBQ	Tuberculosis	TBQ060	Lived in household TB sick person
1081	VIQ	Vision	SEQN	Respondent sequence number
1082	VIQ	Vision	VIQ030	General condition of eyesight
1083	VIQ	Vision	VIQ040	Time worrying about eyesight
1084	VIQ	Vision	VIQ050A	Difficulty reading ordinary newsprint
1085	VIQ	Vision	VIQ050B	Difficulty with up close work or chores
1086	VIQ	Vision	VIQ050C	Difficulty seeing steps/curbs-dim light
1087	VIQ	Vision	VIQ050D	Difficulty noticing objects to side
1088	VIQ	Vision	VIQ050E	Difficulty findng object on crowdedshelf
1089	VIQ	Vision	VIQ055	Difficulty drivng daytime-familiar place

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Item #	Data File	Component	Item ID	Label
1090	VIQ	Vision	VIQ060	Vision limits how long can do activities
1091	VIQ	Vision	VIQ070	Ever had a cataract operation
1092	VIQ	Vision	VIQ080	Operation in right, left or both eyes
1093	WHQ	Weight History	SEQN	Respondent sequence number
1094	WHQ	Weight History	WHD010	Current Self-reported height (inches)
1095	WHQ	Weight History	WHD020	Current Self-reported weight (pounds)
1096	WHQ	Weight History	WHQ030	How do you consider your weight
1097	WHQ	Weight History	WHD040	Like to weigh more, less or same
1098	WHQ	Weight History	WHD050	Self-reported weight-1 yr ago (pounds)
1099	WHQ	Weight History	WHD060	Weight change intentional
1100	WHQ	Weight History	WHQ070	Tried to lose weight in past year
1101	WHQ	Weight History	WHD080A	Ate less food to lose weight
1102	WHQ	Weight History	WHD080B	Lowered calories to lose weight
1103	WHQ	Weight History	WHQ080C	Ate less fat to lose weight
1104	WHQ	Weight History	WHD080D	Exercised to lose weight
1105	WHQ	Weight History	WHQ080E	Skipped meals to lose weight
1106	WHQ	Weight History	WHD080F	Ate diet products to lose weight
1107	WHQ	Weight History	WHQ080G	Used liquid diet formula to lose weight
1108	WHQ	Weight History	WHQ080H	Joined program to lose weight
1109	WHQ	Weight History	WHQ080I	Took RX diet pills to lose weight
1110	WHQ	Weight History	WHQ080J	Took non-RX suppl. to lose weight

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Item #	Data File	Component	Item ID	Label
1111	WHQ	Weight History	WHQ080K	Took laxatives to lose weight
1112	WHQ	Weight History	WHD080L	Other methods to lose weight
1113	WHQ	Weight History	WHD080M	Drank a lot of water to lose weight
1114	WHQ	Weight History	WHD080N	Followed a special diet
1115	WHQ	Weight History	WHQ090	Tried not to gain weight in past year
1116	WHQ	Weight History	WHQ100A	Ate less to not gain weight
1117	WHQ	Weight History	WHQ100B	Lowered calories to not gain weight
1118	WHQ	Weight History	WHD100C	Ate less fat to not gain weight
1119	WHQ	Weight History	WHD100D	Exercised
1120	WHQ	Weight History	WHQ100E	Skipped meals to not gain weight
1121	WHQ	Weight History	WHD100F	Ate diet foods to not gain weight
1122	WHQ	Weight History	WHQ100G	Used liquid diet formula to not gain
1123	WHQ	Weight History	WHQ100H	Joined program to not gain weight
1124	WHQ	Weight History	WHQ100I	Took RX diet pills to not gain
1125	WHQ	Weight History	WHQ100J	Took non-RX suppl. to not gain weight
1126	WHQ	Weight History	WHQ100K	Took laxatives to not gain weight
1127	WHQ	Weight History	WHD100L	Other methods to lose weight
1128	WHQ	Weight History	WHD100M	Drank a lot of water to not gain weight
1129	WHQ	Weight History	WHD100N	Followed a special diet to lose weight
1130	WHQ	Weight History	WHD110	Self-reported weight-10 yrs ago (pounds)
1131	WHQ	Weight History	WHD120	Self-reported weight - age 25 (pounds)

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Item #	Data File	Component	Item ID	Label
1132	WHQ	Weight History	WHD130	Self-reported height - age 25 (inches)
1133	WHQ	Weight History	WHD140	Self-reported greatest weight(pounds)
1134	WHQ	Weight History	WHD150	Age when heaviest weight
1135	WHQ	Weight History	WHD160	Least self-reported weight since 18(lbs)
1136	WHQ	Weight History	WHD170	Age when lightest weight

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