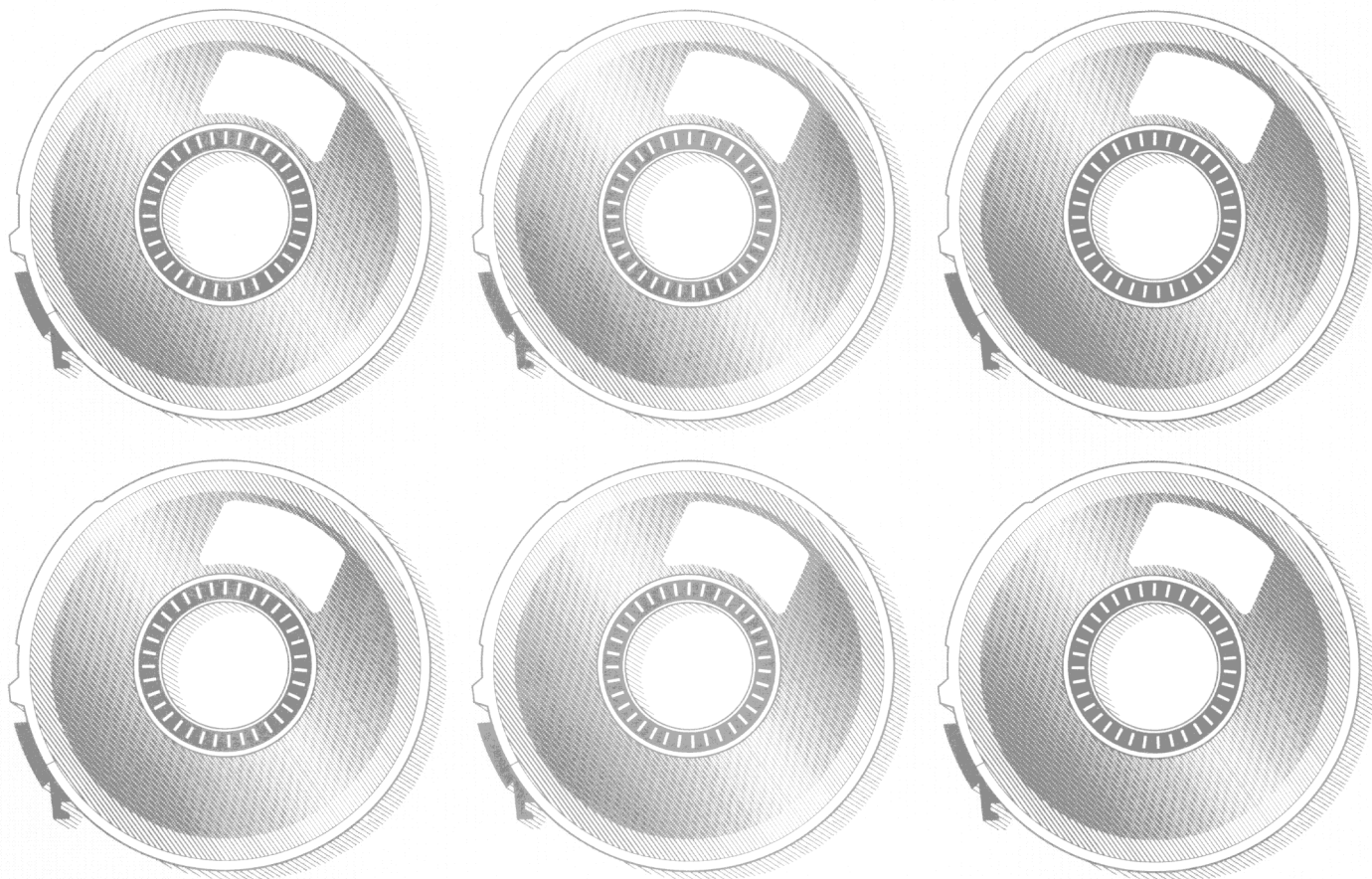

Public Use Data Tape Documentation

Dietary Practices, Food Frequency and Total Nutrient Intakes,
Ages 6 Months-74 Years: Tape Number 6525

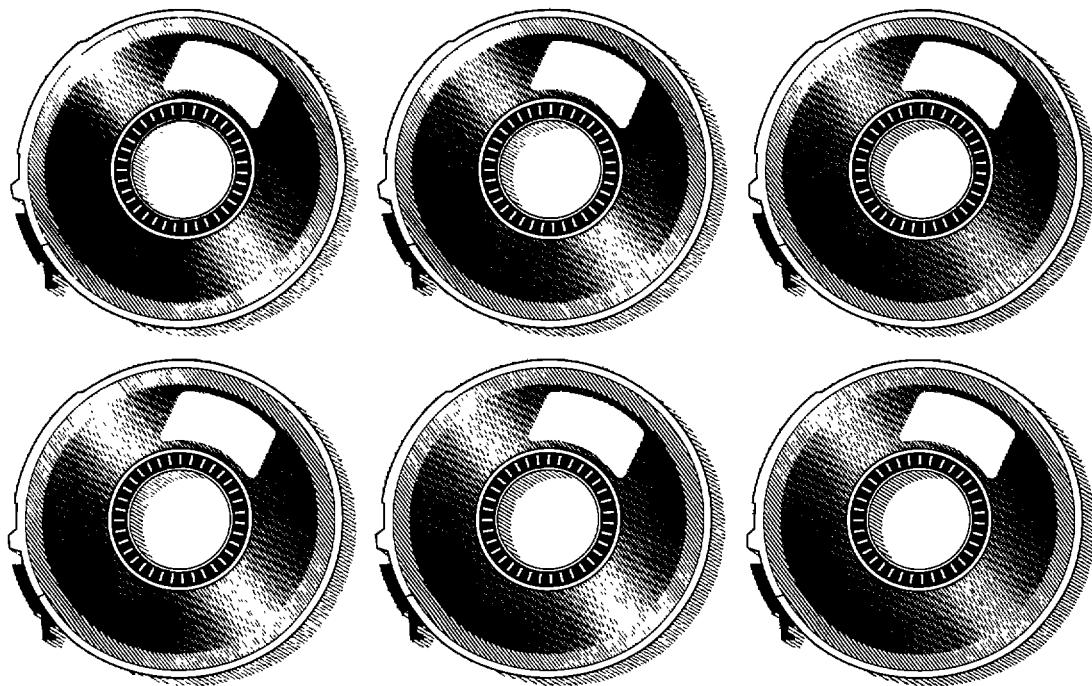
Version 3, Hispanic Health and Nutrition Examination Survey, 1982-1984



Public Use Data Tape Documentation

Dietary Practices, Food Frequency and Total Nutrient Intakes,
Ages 6 Months-74 Years: Tape Number 6525

Version 3, Hispanic Health and Nutrition Examination Survey, 1982-1984



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control
National Center for Health Statistics

Hyattsville, Maryland
November 1991

Hispanic Health and Nutrition Examination Survey

Mexican Americans
Cuban Americans
Puerto Ricans

Tape Number 6525

Dietary Practices, Food Frequency, and Total Nutrient Intakes

Ages 6 Months - 74 Years

Version 3

September 1991

The Hispanic Health and Nutrition Examination Survey (HHANES) was conducted from July 1982 through December 1984. The data on the tape documented here are from all three portions of the survey:

Mexican Americans

Residing in selected counties of Texas, Colorado, New Mexico,
Arizona, and California
Surveyed from July 1982 through November 1983
9,894 persons sampled; 8,554 interviewed; 7,462 examined

Cuban Americans

Residing in Dade County (Miami), Florida
Surveyed from January 1984 through April 1984
2,244 persons sampled; 1,766 interviewed; 1,357 examined

Puerto Ricans

Residing in the New York City area, including parts of New Jersey
and Connecticut
Surveyed from May 1984 through December 1984
3,786 persons sampled; 3,369 interviewed; 2,834 examined

Version 3 includes information about Dietary Practices, Food Frequency consumption and the Total Nutrient Intakes of these selected groups of Hispanics.

The following tape characteristics are those of the version of the tape kept at NCHS and of the tape transmitted to the National Technical Information Service for release to users:

Tape labels: IBM standard
Data set name: HHANES.DU652503 VOL=SER= 053378
Data set organization: Physical sequential
Record format: Fixed block
Record length: 900
Block size: 27000
Density: 6250 BPI
Number of records: 11,653
Data code: EBCDIC

CAUTION

BEFORE USING THIS DATA TAPE,
PLEASE READ THIS PAGE

- o Read the accompanying description of the survey, "The Plan and Operation of the Hispanic Health and Nutrition Examination Survey", DHHS Publication No. (PHS) 85-1321 before conducting analyses of the data on this tape.
- o Two aspects of HHANES, especially, should be taken into account when conducting any analyses: the sample weights and the complex survey design.
- o Analyses should not be conducted on data combined from the three portions of the survey (Mexican-American, Cuban-American, Puerto Rican).
- o HHANES is a survey of Hispanic households and some of the sample persons included on this tape are not of Hispanic origin. A detailed description of the data codes dealing with national origin or ancestry appears in the NOTES section of this document.
- o Examine the range and frequency of values of a variable before conducting an analysis of data. The range may include unusual or unexpected values. The frequency counts may be useful to determine which analyses may be worthwhile.
- o Language of Interview, which may appear several places on this tape, can vary depending on the questionnaire (several used in the survey) and on whether the response was provided by the sample person or by a proxy. For this tape, the language of the dietary interview is located in position 472.
- o For some data items, reference is made to a note. The notes (in a separate section of this document) may be very important in data analyses. Attention to them is strongly urged.

This Public Use Data Tape has been edited very carefully. Numerous consistency and other checks were also performed. Nevertheless, due especially to the large number of data items, some errors may have gone undetected.

Please bring to the attention of NCHS any errors in the data tape or the documentation. Errata sheets will be sent to people who have purchased the data tapes and corrections will be made to subsequently released data tapes.

In publications, please acknowledge NCHS as the original data source. The acknowledgment should include a disclaimer crediting the authors for analyses, interpretations, and conclusions; NCHS should be cited as being responsible for only the collection and processing of the data. In addition, NCHS requests that the acronym HHANES be placed in the abstracts of journal articles and other publications based on data from this survey in order to facilitate the retrieval of such materials through automated bibliographic searches. Please send reprints of journal articles and other publications that include data from this tape to NCHS.

Division of Health Examination Statistics
National Center for Health Statistics
Presidential Building, Room 900
6525 Belcrest Road
Hyattsville, MD 20782

Public Use Data Tapes for the Hispanic Health and Nutrition Examination Survey will be released through the National Technical Information Service (NTIS) as soon as the data have been edited, validated, and documented. A list of NCHS Public Use Data Tapes that can be purchased from NTIS may be obtained by writing the Scientific and Technical Information Branch, NCHS.

Scientific and Technical Information Branch
National Center for Health Statistics
Presidential Building, Room 1064
6525 Belcrest Road
Hyattsville, MD 20782
301-436-8500

CONTENTS

	<u>Page</u>
Section A. Introduction and survey description	1
Section B. Data collection and processing procedures	7
Section C. References	9
Section D. Tape position index	11
Section E. Sociodemographic data - sample person	14
Section F. Sociodemographic data - head of family	22
Section G. Family composition and income data	25
Section H. Residence and household data	28
Section I. Sample weights	31
Section J. Family relationships	32
Section K. Dietary practices	33
Section L. Food frequency	41
Section M. Total nutrient intakes	61
Section N. Notes	65

SECTION A. INTRODUCTION AND SURVEY DESCRIPTION

The National Center for Health Statistics (NCHS) collects, analyzes, and disseminates data on the health status of Americans. The results of surveys, analyses, and studies are made known primarily through publications and the release of computer data tapes. This document contains details required to guide programmers, statistical analysts, and research scientists in the use of a Public Use Data Tape.

From 1960 through 1980 NCHS conducted five population-based, national health examination surveys. Each survey involved collecting data by direct physical examination, the taking of a medical history, and laboratory and clinical tests and measurements. Questionnaires and examination components have been designed to obtain and support analyses of data on certain targeted conditions such as diabetes, hypertension, and anemia. Beginning with the first National Health and Nutrition Examination Survey (NHANES I) a nutrition component was added to obtain information on nutritional status and dietary practices. The numbers of Hispanics in these samples were, however, insufficient to enable adequate estimation of their health conditions. From 1982 through 1984 a Hispanic Health and Nutrition Examination Survey (HHANES) was conducted to obtain data on the health and nutritional status of three Hispanic groups: Mexican Americans from Texas, Colorado, New Mexico, Arizona, and California; Cuban Americans from Dade County, Florida; and Puerto Ricans from the New York City area, including parts of New Jersey and Connecticut.

The general structure of the HHANES sample design was similar to that of the previous National Health and Nutrition Examination Surveys. All of these studies have used complex, multistage, stratified, clustered samples of defined populations. The major difference between HHANES and the previous surveys is that HHANES was a survey of three special subgroups of the population in selected areas of the United States rather than a national probability sample. A detailed presentation of the design specifications is found in Chapter 5 of "Plan and Operation of the Hispanic Health and Nutrition Examination Survey, 1982-84" (Ref. No. 1).

Data collection began with a household interview. Several questionnaires were administered:

- o A Household Screener Questionnaire (HSQ), administered at each selected address, for determining household eligibility and for selecting sample persons.
- o A Family Questionnaire (FQ), administered once for each family containing sample persons, which included sections on family relationships, basic demographic information for sample persons and head of family, Medicare and health insurance coverage, participation in income assistance programs, and housing characteristics.
- o An Adult Sample Person Questionnaire (ASPQ), for persons 12 through 74 years which, depending on age, included sections on health status measures, health services utilization, smoking (20 through 74 years), meal program participation, and acculturation. Information on the use of medicines and vitamins in the past two weeks was also obtained.
- o A Child Sample Person Questionnaire (CSPQ), for sample persons 6 months through 11 years which included sections on a number of health status issues, health care utilization, infant feeding practices, participation in meal programs, school attendance, and language use. Information on the use of medicines and vitamins in the past two weeks was also obtained.

At the Mobile Examination Center two questionnaires were administered and an examination performed:

- o An Adult Sample Person Supplement (ASPS), for sample persons 12 through 74 years, which included sections on alcohol consumption, drug abuse, depression, smoking (12 through 19 years), pesticide exposure, and reproductive history.
- o A Dietary Questionnaire (DQ), for persons 6 months through 74 years, by which trained dietary interviewers collected information about "usual" consumption habits and dietary practices, and recorded foods consumed 24-hours prior to midnight of the interview.
- o An examination which included a variety of tests and procedures. Age at interview and other factors determined which procedures were administered to which examinees. A dentist performed a dental examination and a vision test. Technicians took blood and urine specimens and administered a glucose tolerance test, X-rays, electrocardiograms, and ultrasonographs of the gallbladder. Technicians also performed hearing tests and took a variety of body measurements. A physician performed a medical examination focusing especially on the cardiovascular, gastrointestinal, neurological, and musculoskeletal systems. The physician's impression of overall health, nutritional and weight status, and health care needs were also recorded. Some blood and urine specimen analyses were performed by technicians in the examination center; others were conducted under contract at various laboratories.

Because the HHANES sample is not a simple random one, it is necessary to incorporate sample weights for proper analysis of the data. These sample weights are a composite of individual selection probabilities, adjustments for noncoverage and nonresponse, and poststratification adjustments. The HHANES sample weights, which are necessary for the calculation of point estimates, are located on all data tapes in positions 184-213. Because of the complex sample design and the ratio adjustments used to produce the sample weights, commonly used methods of point and variance estimation and hypothesis testing which assume simple random sampling may give misleading results. In order to provide users with the capability of estimating the complex sample variances in the HHANES data, Strata and Pseudo Primary Sampling Unit (PSU) codes have been provided on all data tapes in positions 214-217. These codes and the sample weights are necessary for the calculation of variances.

There are computer programs available designed for variance estimation for complex sample designs. The balanced repeated replication approach (Ref. No. 2) is used in &REPERR and a linearization approach is used in &PSALMS to calculate variance-covariance matrixes. Both routines are available within the OSIRIS IV library (Ref. No. 3). SURREGR (Ref. No. 4) and SUPERCARP (Ref. No. 5) are programs that calculate variance-covariance matrixes using a linearization approach (Ref. No. 6) (Taylor series expansion). Another program, SESUDAAN (Ref. No. 7) calculates standard errors, variances, and design effects. (Note: This version of SESUDAAN should not be used to obtain variances for totals.) SURREGR and SESUDAAN are special procedures which run data under the SAS system (Ref. No. 8).

Even though the total number of examined persons in this survey is quite large, subclass analyses can lead to estimates that are unstable, particularly estimates of variances. Consequently, analyses of subclasses require that the user pay particular attention to the number of sample persons in the subclass and the number of PSU's that contain at least one sample person in the subclass. Small sample sizes, or a small number of PSU's used in the variance calculations, may produce unstable estimates of the variances.

A more complete discussion of these issues and possible analytic strategies for examining various hypotheses is presented in Chapter 11 of "Plan and Operation of the Hispanic Health and Nutrition Examination Survey, 1982-84" (Ref. No. 1) and in an earlier NCHS methodology (Series 2) publication (Ref. No. 9).

Some users, however, may not have access to the computer programs for estimating complex sample variances or may want to do their preliminary analyses without using them. In addition, variance estimates calculated from HHANES data through use of the programs described previously are likely to be unstable because there were so few sample areas for each portion of HHANES. This instability is not due to there being too few people in the sample but may be due to the fact that the sample was selected from relatively few areas. Therefore, the following discussion is designed to provide an alternative approach to deal with the unavailability of software and the small number of PSU's. The approach is based on using average design effects (Ref. No. 10).

The design effect, defined as the ratio of the variance of a statistic from a complex sample to the variance of the same statistic from a simple random sample of the same size, that is,

$$\text{DESIGN EFFECT (DEFF)} = \frac{\text{COMPLEX SAMPLE VARIANCE}}{\text{SIMPLE RANDOM SAMPLE VARIANCE}}$$

is often used to show the impact of the complex sample design on variances. If the design effect is near 1, the complex sample design has little effect on the variances and the user could consider assuming simple random sampling for the analysis.

Some illustrative design effects for HHANES data on this tape are given in the following tables. The design effects in the tables are the average for the age groups usually presented in NCHS Series 11 publications. If the average design effect for a subgroup was less than 1.0 (implying an improvement over simple random sampling), it was coded as 1.0.

The following guidelines were used in the calculation of the average design effects:

1. Exclude all persons of non-Hispanic origin,
2. Exclude all estimates for large age ranges, such as all ages combined for 'all adults', and
3. Exclude all estimates where the proportion of the subpopulation with the specific characteristic or condition was zero percent or one hundred percent.

Average Design Effects, by Sex, for Selected Variables --
Mexican-American Portion

Variable	Mean or Proportion	Tape Positions	Both Sexes	Male	Female
On a Special Diet	p	414	1.1	1.0	1.2
Use Salt (seldom or never)	p	453-455	3.0	2.3	2.2
Skim Milk (seldom or never)	p	473-475	4.2	2.4	3.0
Whole Milk (seldom or never)	p	76-478	2.3	1.7	1.7
Organ Meat (seldom or never)	p	500-502	1.3	1.0	1.2
Beef (at least once daily)	p	512-514	1.5	1.0	1.4
Bread (1-6 times per week)	p	551-553	2.2	1.4	2.0
Vegetables, all kinds (at least once daily)	p	572-574	1.8	1.8	1.2
Food energy	\bar{x}	667-674	1	1	1.1
Saturated Fat	\bar{x}	691-698	1.1	1.1	1.0
Cholesterol	\bar{x}	715-722	1.3	1.2	1.2
Sodium	\bar{x}	883-890	1.5	1.2	1.1
Calcium	\bar{x}	835-842	2.8	1.9	1.9
Iron	\bar{x}	859-866	1.0	1.0	1.0
Ascorbic Acid	\bar{x}	779-786	1.6	1.1	1.9
Vitamin A (IU)	\bar{x}	747-754	2.4	1.5	1.9

Source: NCHS, HHANES, 1982-84, Tape Number 6525, Version 3.

Average Design Effects, by Sex, for Selected Variables --
Cuban-American Portion.

Variable	Mean or Proportion	Tape Positions	Both Sexes	Male	Female
On a Special Diet	p	414	0.9	1.2	1.0
Use Salt (seldom or never)	p	453-455	1.2	1.3	1.1
Skim Milk (seldom or never)	p	473-475	1.2	1.2	1.1
Whole Milk (seldom or never)	p	476-478	1.6	1.1	1.4
Organ Meat (seldom or never)	p	500-502	1.2	1.0	1.1
Beef (at least once daily)	p	512-514	1.3	1.2	1.1
Bread (1-6 times per week)	p	551-553	1.0	1.3	1.1
Vegetables, all kinds (at least once daily)	p	572-574	1.1	1.0	1.0
Food energy	\bar{x}	667-674	1.0	1.2	1.1
Saturated Fat	\bar{x}	691-698	1.3	1.2	1.3
Cholesterol	\bar{x}	715-722	1.5	1.2	1.2
Sodium	\bar{x}	883-890	1.3	1.2	1.2
Calcium	\bar{x}	835-842	1.1	1.2	1.1
Iron	\bar{x}	859-866	1.2	1.3	1.1
Ascorbic Acid	\bar{x}	779-786	1.3	1.4	1.1
Vitamin A (IU)	\bar{x}	747-754	1.1	1.1	1.0

Source: NCHS, HHANES, 1982-84, Tape Number 6525, Version 3.

Average Design Effects, by Sex, for Selected Variables --
Puerto Rican Portion

Variable	Mean or Proportion	Tape Positions	Both Sexes	Male	Female
On a Special Diet	p	414	1.0	1.5	1.3
Use Salt (seldom or never)	p	453-455	1.1	1.3	1.2
Skim Milk (seldom or never)	p	473-475	3.2	1.2	3.3
Whole Milk (seldom or never)	p	476-478	2.7	1.6	2.0
Organ Meat (seldom or never)	p	500-502	1.8	1.1	1.7
Beef (at least once daily)	p	512-514	1.5	1.3	1.3
Bread (1-6 times per week)	p	551-553	1.2	1.4	1.0
Vegetables, all kinds (at least once daily)	p	572-574	1.4	1.9	1.0
Food energy	\bar{x}	667-674	1.4	1.6	1.1
Saturated Fat	\bar{x}	691-698	1.1	1.3	1.0
Cholesterol	\bar{x}	715-722	1.0	1.2	1.0
Sodium	\bar{x}	883-890	1.0	1.3	1.0
Calcium	\bar{x}	835-842	1.2	1.4	1.0
Iron	\bar{x}	859-866	1.3	1.4	1.4
Ascorbic Acid	\bar{x}	779-786	1.5	1.2	1.2
Vitamin A (IU)	\bar{x}	747-754	1.2	1.2	1.2

Source: NCHS, HHANES, 1982-84, Tape Number 6525, Version 3.

Design effects tend to be larger when age groups are combined, just as they are when the sexes are combined as shown in the tables. The data in the tables give the user an idea of the range in design effects for selected response variables from this data tape. If a response variable is not one shown in the tables take the range into account; it is possible that a user could have one of the higher, rather than one of the lower, design effects.

Suppose, for example, that of the 266 Mexican-Americans males ages 35-44 years in the sample, 40.1 percent drank whole milk seldom or never.

Assuming simple random sampling, the variance for the percent is calculated by converting the percent to a proportion and using the standard formula for the variance of a proportion,

$$V = \frac{pq}{n}$$

This variance (V) multiplied by the design effect (DEFF) provides an estimate of the variance from a complex sample of the same sample size (n). In the example above,

$$V = \frac{(.401)(.599)}{266}$$

= .0009 = variance for a simple random sample

Then, multiplying by the design effect,

$$= (.0009)(1.7)$$

= .0015 = estimated variance for the complex sample

In a similar way, the complex sample variance of a mean can be determined by multiplying the simple random sample variance of the mean by the appropriate design effect.

The user can then proceed with estimating confidence intervals and testing hypotheses in the usual manner.

The user should recognize that this approach does not incorporate the variance covariance matrix. In most cases, this leads to a slight overestimate of the variance because the covariance terms, which are subtracted in the variance of a ratio, in general are positive. Thus, in a borderline case, the null hypothesis would be less likely to be rejected (Ref. No. 11).

Alternative or better approaches may exist or be developed. Users who want to suggest such approaches, or who want the latest information should contact the Scientific and Technical Information Branch (address given in the beginning of this documentation).

SECTION B. DATA COLLECTION AND PROCESSING PROCEDURES

Data presented in Sections E through H and the family relationships data in Section J were collected on the Household Screener and Family Questionnaires. Data presented in Sections K and L were collected on the Dietary Questionnaire which was administered in the mobile examination center. Completed interview schedules were reviewed in the survey's field offices and again at the data processing center of NCHS by clerical editors. The editors checked the forms for completeness, clarity, and compliance with skip patterns, and they coded items such as industry and occupation. At the data processing center the questionnaires were keyed and verified on key-to-disk data entry equipment under the control of programs that checked for valid codes and ranges, compliance with skip patterns, and consistency. After being keyed, data were reedited by analysts for reasonableness and consistency and for compliance with instructions for sampling and questionnaire administration.

The general tape description format is Tape Position X Item X Counts. The item (field) may be a tape descriptor (e.g. Version Number), a sample person descriptor (e.g. Age at Interview), or a question (e.g. Is sample person covered by Medicare?). Where appropriate, data entries are presented by codes. Frequency counts are given for each code. The counts are included to help the user in planning analyses and in verifying that programs account for all data. The data source is given also (e.g., from Family Questionnaire). In some cases, a note is referenced. The notes contain explanations of the item (e.g. how Poverty Index is calculated).

The questionnaire data have undergone many quality control and editing procedures. The responses of sample persons to some questions may appear extreme or illogical. Self-reported data, especially, are subject to a number of sources of variability, including recall and other reporting errors. In the data clean-up process, responses that varied considerably from expected were verified through direct review of the collection form or a copy of it. Such responses may not represent fact, but they are included as recorded in the field. The user must determine if these responses should be included in analyses.

Responses to "other" and "specify" were recoded to existing categories, if possible. For responses that could not be recoded, new code categories were created if the information was deemed analytically useful. Caution should be used in interpreting the data from these new categories because there is no way of knowing which other respondents would have selected one of the new categories if given the option.

For the dietary questionnaires there are two codes for missing information: 8's, and blanks. A code "8", which is labeled as "blank but applicable", is used to indicate that a sample person should have a data value for a particular item but for varying reasons that value is unavailable. Blanks were used to follow skip patterns, i.e., when a question was not supposed to be asked or was not applicable. The "don't know" codes (9, 99, 999) were used only when given as a printed response on the original questionnaire.

The dietary interview in HHANES was administered to all sample persons by a trained interviewer. The dietary questionnaire included three sections - a single 24-Hour Recall, questions on general Dietary Practices, and a Food Frequency. To ascertain "general" dietary practices, questions were asked about the use, type, and duration of special diets, food preparation and eating habits. The Food Frequency was used to collect specific information about daily and weekly food consumption over time (three months prior to the interview). These data included foods eaten on weekends and holidays.

The questionnaire data have undergone numerous quality control and editing procedures. During data collection, randomly chosen Food Frequencies were cross-checked with the respondent's corresponding 24-hour recall for consistency in recall. During data processing, unusual and extreme values were checked and verified and inconsistencies were noted in Section N. For questions with an "other" category, the dietary interviewers wrote the explanation on the dietary form. This information was recoded into new or existing categories.

The Food Frequency Questionnaire consisted of food groups adapted from NHANES II and was expanded to include foods common to Mexican Americans, Cuban Americans and Puerto Ricans. Each of the food groups included foods with similar ingredients and nutrient compositions.

Copies of the questionnaires, both in English and Spanish, can be found in the plan and operation report for HHANES (Ref. No. 1). Detailed information on dietary questionnaire contents or interviewing and quality control techniques is found in the Dietary Interviewer's Instruction Manual (Ref. No. 12), interviewing procedures is contained in the household interviewer's manual (Ref. No. 13) and the mobile examination center interviewer's manual (Ref. No. 14). These manuals are available upon request from:

Division of Health Examination Statistics
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6525 Belcrest Road
Hyattsville, MD 20782
301-436-7080

SECTION C. REFERENCES

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12. National Center for Health Statistics: Instruction Manual Part 15f, Dietary Interviewer's Manual for the Hispanic Health and Nutrition Examination Survey, 1982-84. Hyattsville, MD, 1985.
13. National Center for Health Statistics: Instruction Manual Part 15h, Household Interviewer's Manual for the Hispanic Health and Nutrition Examination Survey, 1982-84. Hyattsville, MD, 1986.
14. National Center for Health Statistics: Instruction Manual Part 15g, Mobile Examination Center Interviewer's Manual for the Hispanic Health and Nutrition Examination Survey, 1982-84. Hyattsville, MD, 1986.

SECTION D. TAPE POSITION INDEX

TAPE POSITIONS 1-400 contain data categories common to all data tapes: sociodemographic data, family composition, family income, residence and household. Sample weights are also in this set of data.

TAPE POSITIONS 401+ contain data categories unique to this data tape.

SOCIODEMOGRAPHIC DATA - SAMPLE PERSON (SECTION E)

1-5	Sample Person Sequence Number
6-15	Survey and Tape Identifiers
16	Examination Status
17	Language of Interview
18-21	Date of Interview
22-25	Date of Examination
26-29	Date of Birth
30-32	Age at Interview
33-38	Age at Examination
39-43	Family Number
44-45	Relationship to Head of Family
46	Sex
47	Race
48-49	National Origin or Ancestry
50-52	Birth Place
53	Eligibility
54-56	Education
57	Marital Status
58	Service in Armed Forces
59-69	Work/Occupation/Employment
70-95	Health Insurance/Health Care Support
96-99	Income Assistance/Public Compensation or Support

SOCIODEMOGRAPHIC DATA - HEAD OF FAMILY (SECTION F)

100	Interview Status
101	Examination Status
102-105	Date of Birth
106-108	Age at Interview
109	Sex
110	Race
111-112	National Origin or Ancestry
113-115	Birth Place
116-118	Education
119	Marital Status
120	Service in Armed Forces
121-131	Work/Occupation/Employment

FAMILY COMPOSITION AND INCOME DATA (SECTION G)

132-133	Number of People in Family
134-135	Number of Sample People in Family
136-138	Combined Family Income
139-143	Per Capita Income
144-146	Poverty Index
147-162	Income, Food Stamps

RESIDENCE AND HOUSEHOLD DATA (SECTION H)

163	Size of Place
164	Standard Metropolitan Statistical Area
165-166	Number of People in Household
167-168	Number of Sample People in Household
169-170	Number of Rooms
171	Kitchen Facilities Access
172-183	Heating/Cooling Equipment

SAMPLE WEIGHTS (SECTION I)

184-189	Examination Final Weight
190-195	Interview Final Weight
196-201	GTT/Ultrasound Weight
202-207	Audiometry/Vision Weight
208-213	Pesticide Weight
214-215	Strata Code
216-217	Pseudo PSU Code

FAMILY RELATIONSHIPS (SECTION J)

218-400	Data not yet available
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DIETARY PRACTICES (SECTION K)

401-404	Tape Number
405-406	Respondent Code
407-412	Date of Recall
413	Day of Recall
414-469	Dietary Practices
414	Special Diets
415-425	Purpose of the Diet
426-438	Type of Diet
439-444	Length of the Diet
445	Source of the Diet
446	Duration of the Diet
447-452	Changes in Eating Habits
453-455	Use of Salt at the Table
456-458	Meals Purchased Outside of the Home
459-461	Use of Convenience Foods
462-463	Use of Herbal Tea
464-465	Who Usually Cooks the Meals at Home
466-467	Fats Used to Fry Foods
468	Breakfast Consumption
469	Snack Consumption

FOOD FREQUENCY (SECTION L)

470-643	Food Frequency
470	Instruction Box for Dietary Frequency
471	Dietary Frequency Completion Code
472	Language of Interview for Dietary Questionnaire
473-490	Dairy Foods
491-493	Mixed Dishes
494-499	Shellfish and Fish
500-502	Organ Meats
503-505	Poultry
506-514	Meats

FOOD FREQUENCY (SECTION L) (continued)

515-517	Eggs
518-520	Soups
521-544	Fats and Oils
545-547	Cold or Hot Cereals
548-559	Grain Products
560-562	Legumes
563-571	Fruits
572-583	Vegetables
584-586	Bananas, Plantains
587-595	Sweets
596-601	Desserts
602-610	Alcoholic Beverages
611-622	Coffee and Tea
623-628	Diet Sodas and Water
629-631	Salty Snacks
632-643	Miscellaneous Items

TOTAL NUTRIENT INTAKES (SECTION M)

649	Completion Code 24-hour recall
650	Is what you ate yesterday the way you usually eat?
651	In what way was what you ate yesterday different from usual?
652-654	Interviewer code
655	Number of missing amounts
656	Number of missing eating occasions
657-658	Number of foods reported
659-666	Water
667-674	Food energy (kilocalories)
675-682	Protein
683-690	Total fat
691-698	Total saturated fatty acids
699-706	Total monounsaturated fatty acids
707-714	Total polyunsaturated fatty acids
715-722	Cholesterol
723-730	Carbohydrate
731-738	Total dietary fiber
739-746	Alcohol
747-754	Vitamin A (International Units)
755-762	Vitamin A (Retinol Equivalents)
763-770	Carotenes
771-778	Vitamin E
779-786	Ascorbic Acid
787-794	Thiamin
795-802	Riboflavin
803-810	Niacin
811-818	Vitamin B ₆
819-826	Folicin
827-834	Vitamin B ₁₂
835-842	Calcium
843-850	Phosphorus
851-858	Magnesium
859-866	Iron
867-874	Zinc
875-882	Copper
883-890	Sodium
891-898	Potassium
899-900	Blank

Position	Item description and code	M	Counts C	P	Source and notes
SECTION E. SOCIODEMOGRAPHIC DATA - SAMPLE PERSON (POS 1-99)					
Source: Family Questionnaire (FQ)					
Household Screener Questionnaire (HSQ)					
1-5	Sample person sequence number				
	00001-09894 Mexican Americans	7462	-	-	
	10002-12238 Cuban Americans	-	1357	-	
	13001-16785 Puerto Ricans	-	-	2834	
6-12	Blank				
13	Portion of survey				
	1 Mexican-American (M)	7462	-	-	
	2 Cuban-American (C)	-	1357	-	
	3 Puerto Rican (P)	-	-	2834	
14	Family Questionnaire missing				
	1 Yes	21	6	10	See Note 1
	2 No	7441	1351	2824	
15	Version number				
	2	7462	1357	2834	
16	Examination status				
	1 Examined	7462	1357	2834	See Note 2
	2 Not examined	0	0	0	
17	Language of interview (Pos. 1-400)				FQ
	1 English	4513	244	1229	
	2 Spanish	2929	1107	1595	
	Blank	20	6	10	
18-19	Date of interview				HSQ 4
	01-12 Month	7462	1357	2834	
20-21	82-84 Year	7462	1357	2834	
22-23	Date of examination				
	From survey control record				
	01-12 Month	7462	1357	2834	
24-25	82-84 Year	7462	1357	2834	
26-27	Date of birth				HSQ 2e
	01-12 Month	7462	1357	2834	
	88 Blank but applicable	0	0	0	
28-29	08-84 Year				
	88 Blank but applicable	7462	1357	2834	
		0	0	0	
30-31	Age at interview (computed)				
	01-74 (See next column for units)	7462	1357	2834	
32	Age at interview units				HSQ 2f
	1 Years	7342	1349	2796	
	2 Months	120	8	38	

Position	Item description and code	M	Counts C	P	Source and notes
	Age at examination (computed) Positions 33-38 are all 0 for non-examined persons.				
33-34	00-75 Years	7462	1357	2834	
35-36	00-11 Months	7462	1357	2834	
37-38	00-30 Days	7462	1357	2834	
39-43	Family number				See Note 3
	00002-03529	7462	-	-	
	04005-04922	-	1357	-	
	07001-08584	-	-	2834	
44-45	What is sample person's relationship to head of family? Sample person is:				HSQ 2b See Note 4
	01 Head of family living alone (1 family with only 1 member)	145	56	113	
	02 Head of family, with no related persons in household (2+ persons in household)	76	23	24	
	03 Head of family, with related persons in household	1582	369	678	
	04 Wife of head (husband living at home and not in Armed Forces)	1299	300	296	
	05 Wife of head (husband living at home and is in Armed Forces)	5	0	0	
	06 Husband of head (wife living at home and not in Armed Forces)	35	12	37	
	07 Husband of head (wife living at home and is in Armed Forces)	0	0	0	
	08 Child of head or head's spouse	3769	484	1437	
	09 Grandchild of head or head's spouse	217	32	115	
	10 Parent of head or head's spouse	57	35	33	
	11 Other relative (includes ex-spouse, daughter-in-law, etc.)	273	46	101	
	12 Foster child	4	0	0	
46	Sex				FQ B-4
	1 Male	3516	636	1237	
	2 Female	3946	721	1597	
47	Observed race				FQ B-5 See Note 5
	1 White	7213	1300	2462	
	2 Black	76	15	152	
	3 Other	8	3	73	
	8 Blank but applicable	72	15	59	
	9 Not observed	72	18	78	
	Blank	21	6	10	
48-49	Sample person's national origin or ancestry.				HSQ 2c See Note 6
	01 Mexican/Mexicano	1641	1	1	
	02 Mexican-American	5202	0	0	
	03 Chicano	102	0	0	
	04 Puerto Rican	7	3	2596	
	05 Boricuan	0	0	36	
	06 Cuban	4	1069	20	
	07 Cuban-American	0	222	0	
	08 Hispano - specify	150	14	26	
	09 Other Latin-American or other Spanish - specify	37	18	41	
	00 Other - specify	276	30	114	
	10 Spanish-American	22	0	0	
	11 Spanish (Spain)	21	0	0	

Position	Item description and code	Counts			Source and notes
		M	C	P	
50-52	In what state or foreign country was sample person born?				FQ B-6 See Note 7
	001-118 State/country code	7403	1345	2771	
	888 Blank but applicable	38	6	53	
	Blank	21	6	10	
53	National origin recode "Hispanic" = Mexican-American in Southwest, Cuban-American in Florida and Puerto Rican in New York City area.				See Note 8
	1 "Hispanic"	7197	1291	2645	
	2 Not "Hispanic"	265	66	189	
54-55	What is the highest grade or year of regular school sample person has ever attended?				FQ B-7
	00 Never attended or kindergarten only	1476	116	446	
	01-08 Elementary grade	3118	556	1090	
	09-12 High school grade	2119	400	1011	
	13-16 College	581	243	225	
	17 Graduate school	70	30	14	
	88 Blank but applicable	77	6	38	
	Blank	21	6	10	
56	Did sample person finish that grade/year?				FQ B-8
	1 Yes	3938	853	1436	
	2 No	1934	368	861	
	8 Blank but applicable	93	14	81	
	Blank	1497	122	456	
57	Is sample person now married, widowed, divorced, separated or has he or she never been married?				FQ B-9
	0 Under 14 years of age	2953	297	1000	
	1 Married - spouse in household	2600	632	660	
	2 Married - spouse not in household	70	17	54	
	3 Widowed	161	50	66	
	4 Divorced	214	92	155	
	5 Separated	159	21	149	
	6 Never married	1265	241	730	
	8 Blank but applicable	19	1	10	
	Blank	21	6	10	
58	Did sample person ever serve in the Armed Forces of the United States?				FQ B-11
	1 Yes	416	27	145	
	2 No	3557	952	1409	
	8 Blank but applicable	7	3	14	
	Blank	3482	375	1266	
59	During the past 2 weeks, did sample person work at any time at a job or business, not counting work around the house?				FQ B-12
	1 Yes	2210	622	613	
	2 No	1751	349	930	
	8 Blank but applicable	19	11	25	
	Blank	3482	375	1266	

Position	Item description and code	M	Counts C	P	Source and notes
60	Even though sample person did not work during those 2 weeks, did he or she have a job or business?				FQ B-13
	1 Yes	46	13	23	
	2 No	1704	334	902	
	8 Blank but applicable	20	13	30	
	Blank	5692	997	1879	
61	Was sample person looking for work or on layoff from a job?				FQ B-14
	1 Yes	217	43	60	
	2 No	1533	304	865	
	8 Blank but applicable	20	13	30	
	Blank	5692	997	1879	
62	Which, looking for work or on layoff from a job or both?				FQ B-15
	1 Looking	146	34	44	
	2 Layoff	46	6	8	
	3 Both	23	2	7	
	8 Blank but applicable	22	14	31	
	Blank	7225	1301	2744	
63-65	What kind of business or industry does sample person work for?				FQ B-19 See Note 9
	010-932 Industry code	2429	665	681	
	990 Blank but applicable	49	18	37	
	Blank	4984	674	2116	
66-68	What kind of work was sample person doing?				FQ B-20 See Note 9
	003-889 Occupation code	2432	666	681	
	999 Blank but applicable	46	17	37	
	Blank	4984	674	2116	
69	Class of worker				FQ B-22
	1 An employee of a private company, business or individual for wages, salary, or commission	1912	543	551	
	2 A Federal government employee	74	6	21	
	3 A State government employee	124	19	17	
	4 A Local government employee	169	17	56	
	5 Self-employed in own incorporated business or professional practice	17	12	7	
	6 Self-employed in own unincorporated business, professional practice, or farm	131	67	27	
	7 Working without pay in family business or farm	3	0	0	
	8 Blank but applicable	46	18	38	
	0 Never worked or never worked at a full-time civilian job lasting 2 weeks or more	2	1	1	
	Blank	4984	674	2116	
70	Is sample person now covered by Medicare?				FQ C-2
	1 Covered	303	107	139	
	2 Not covered	7129	1237	2674	
	8 Blank but applicable	6	6	11	
	9 Don't know	3	1	0	
	Blank	21	6	10	

Position	Item description and code	Counts			Source and notes
		M	C	P	
71	Is sample person now covered by the part of Social Security Medicare which pays for hospital bills?				FQ C-3
	1 Yes	270	100	124	
	2 No	18	4	5	
	8 Blank but applicable	15	6	20	
	9 Don't know	6	3	1	
	Blank	7153	1244	2684	
72	Is sample person now covered by that part of Medicare which pays for doctor's bills? This is the Medicare plan for which he or she or some agency must pay a certain amount each month.				FQ C-4
	1 Yes	269	100	111	
	2 No	17	5	17	
	8 Blank but applicable	15	6	20	
	9 Don't know	8	2	2	
	Blank	7153	1244	2684	
73	Type of Medicare coverage As shown on Medicare card				FQ C-5
	1 Hospital	0	0	0	
	2 Medical	2	0	0	
	3 Card not available	3	0	2	
	4 Hospital and medical	5	3	0	
	8 Blank but applicable	15	6	20	
	Blank	7437	1348	2812	
	<u>HEALTH INSURANCE</u>				See Note 10
74	Is sample person covered by any health insurance plan which pays any part of a hospital, doctor's, or surgeon's bill?				FQ C-11
	1 Yes	4094	818	1011	
	2 No	3326	526	1796	
	8 Blank but applicable	13	7	16	
	9 Don't know	8	0	1	
	Blank	21	6	10	
75	Is sample person covered by a plan that pays any part of hospital expenses?				FQ C-9
	1 Yes	4039	806	955	
	2 No	6	7	9	
	8 Blank but applicable	54	12	55	
	9 Don't know	8	0	8	
	Blank	3355	532	1807	
76	Is sample person covered by a plan that pays any part of a doctor's or surgeon's bills for operations?				FQ C-10
	1 Yes	4034	804	945	
	2 No	22	11	28	
	8 Blank but applicable	36	10	35	
	9 Don't know	15	0	19	
	Blank	3355	532	1807	

Position	Item description and code	M	Counts C	P	Source and notes
	Many people do not carry health insurance for various reasons. Which of these statements describes why sample person is not covered by any health insurance (or Medicare)? (Positions 77-80)				FQ C-13/15 See Note 10
77-78	<u>Main reason</u>				
	01 Care received through Medicaid or welfare	267	31	854	
	02 Unemployed, or reasons related to unemployment	350	40	114	
	03 Can't obtain insurance because of poor health, illness, or age	24	2	15	
	04 Too expensive, can't afford health insurance	1767	280	506	
	05 Dissatisfied with previous insurance	50	3	3	
	06 Don't believe in insurance	31	4	8	
	07 Have been healthy, not much sickness in the family, haven't needed health insurance	206	23	31	
	08 Military dependent, (CHAMPUS), Veteran's benefits	45	1	15	
	09 Some other reason - not specified	2	0	7	
	10 Some other reason - specified	255	35	58	
	88 Blank but applicable	118	34	77	
	Blank	4347	904	1146	
79-80	<u>Second reason</u>				
	00 No second reason reported	2573	339	1374	
	01 Care received through Medicaid or welfare	70	17	58	
	02 Unemployed, or reasons related to unemployment	109	30	30	
	03 Can't obtain insurance because of poor health, illness, or age	4	2	3	
	04 Too expensive, can't afford health insurance	168	20	132	
	05 Dissatisfied with previous insurance	15	1	2	
	06 Don't believe in insurance	18	3	3	
	07 Have been healthy, not much sickness in the family, haven't needed health insurance	47	4	8	
	08 Military dependent, (CHAMPUS), Veteran's benefits	0	0	2	
	09 Some other reason - not specified	0	0	0	
	10 Some other reason - specified	25	8	7	
	88 Blank but applicable	86	29	69	
	Blank	4347	904	1146	
81-87	Blank				
88	During the last 12 months, has sample person received health care which has been or will be paid for by Medicaid?				FQ D-6
	1 Yes	537	101	1076	
	2 No	6859	1242	1708	
	8 Blank but applicable	45	7	40	
	9 Don't know	0	1	0	
	Blank	21	6	10	

Position	Item description and code	Counts			Source and notes
		M	C	P	
89	Does sample person have a Medicaid card?				FQ D-8
	1 Yes	530	104	1144	
	2 No	6872	1232	1647	
	8 Blank but applicable	39	15	33	
	9 Don't know	0	0	0	
	Blank	21	6	10	
90	Status of sample person's Medicaid card?				FQ D-9
	1 Medicaid card seen - current	382	84	832	
	2 Medicaid card seen - expired	7	0	12	
	3 No card seen	128	17	274	
	4 Other card seen	0	0	0	
	5 Other card seen (specify)	5	0	2	
	8 Blank but applicable	47	18	57	
	Blank	6893	1238	1657	
91	Is sample person now covered by any other public assistance program that pays for health care?				FQ D-11
	1 Yes	54	2	29	
	2 No	7376	1348	2780	
	8 Blank but applicable	11	1	15	
	9 Don't know	0	0	0	
	Blank	21	6	10	
92	Does sample person now receive military retirement payments from any branch of the Armed Forces or a pension from the Veteran's Administration? Do not include VA disability compensation.				FQ D-13
	1 Yes	56	4	9	
	2 No	7373	1346	2806	
	8 Blank but applicable	12	1	9	
	9 Don't know	0	0	0	
	Blank	21	6	10	
93	Which does sample person receive; the Armed Forces retirement, the VA pension, or both?				FQ D-14
	1 Armed Forces	16	0	2	
	2 Veteran's Administration	30	0	5	
	3 Both	4	4	1	
	8 Blank but applicable	18	1	10	
	Blank	7394	1352	2816	
94	Is sample person now covered by CHAMP-VA, which is medical insurance for dependents or survivors of disabled veterans?				FQ D-16
	1 Yes	45	4	10	
	2 No	7388	1346	2808	
	8 Blank but applicable	8	1	6	
	9 Don't know	0	0	0	
	Blank	21	6	10	
95	Is sample person now covered by any other program that provides health care for military dependents or survivors of military persons?				FQ D-18
	1 Yes	41	4	8	
	2 No	7387	1346	2804	
	8 Blank but applicable	13	1	12	
	9 Don't know	0	0	0	
	Blank	21	6	10	

Position	Item description and code	M	Counts C	P	Source and notes
96	Is sample person included in the AFDC, "Aid to Families with Dependent Children", assistance payment?				FQ D-2
	1 Yes	394	39	650	
	2 No	7020	1304	2134	
	8 Blank but applicable	27	6	39	
	9 Don't know	0	2	1	
	Blank	21	6	10	
97	Does sample person now receive the "Supplemental Security Income" or "SSI" gold-colored check?				FQ D-4
	1 Yes	131	44	135	
	2 No	7285	1295	2659	
	8 Blank but applicable	25	12	30	
	9 Don't know	0	0	0	
	Blank	21	6	10	
98	Does sample person have a disability related to his or her service in the Armed Forces of the United States?				FQ D-20
	1 Yes	48	2	14	
	2 No	346	20	108	
	8 Blank but applicable	29	8	37	
	Blank	7039	1327	2675	
99	Does sample person now receive compensation for this disability from the Veteran's Administration?				FQ D-21
	1 Yes	31	1	9	
	2 No	17	1	4	
	8 Blank but applicable	29	8	38	
	Blank	7385	1347	2783	

Position	Item description and code	M	Counts C	P	Source and notes
SECTION F. SOCIODEMOGRAPHIC DATA - HEAD OF FAMILY (POS 100-131)					
Source: Family Questionnaire (FQ) Household Screener Questionnaire (HSQ)					
100	Interview and examination status of head of family				See Note 4
	1 Selected as sample person, interviewed on Adult Sample Person Questionnaire, and examined	5523	1076	2098	
	2 Selected as sample person, interviewed on Adult Sample Person Questionnaire, but not examined	338	62	79	
	3 Selected as sample person, not interviewed, and not examined	218	34	23	
	4 Not selected as sample person	1362	179	624	
	Blank	21	6	10	
101	Blank				
	Date of birth.				HSQ 2e
102-103	01-12 Month	7413	1348	2830	
	88 Blank but applicable	49	9	4	
104-105	00-86, 89-99 Year	7440	1353	2832	
	88 Blank but applicable	22	4	2	
106-107	Age at interview 17-95 Years	7462	1357	2834	
108	Blank				
109	Sex				FQ B-4
	1 Male	5982	1069	1331	
	2 Female	1460	282	1493	
	Blank	20	6	10	
110	Observed race				FQ B-5 See Note 5
	1 White	7138	1282	2511	
	2 Black	75	27	165	
	3 Other	6	3	58	
	8 Blank but applicable	106	31	59	
	9 Not observed	117	8	31	
	Blank	20	6	10	
111-112	Head of family's national origin or ancestry.				HSQ 2c See Note 6
	01 Mexican/Mexicano	2068	0	3	
	02 Mexican-American	4523	0	0	
	03 Chicano	97	0	0	
	04 Puerto Rican	19	7	2503	
	05 Boricuan	0	0	29	
	06 Cuban	6	1197	46	
	07 Cuban-American	0	85	2	
	08 Hispano - specify	147	20	37	
	09 Other Latin-American or other Spanish - specify	54	17	39	
	00 Other - specify	513	31	175	
	10 Spanish-American	17	0	0	
	11 Spanish (Spain)	18	0	0	

Position	Item description and code	M	Counts C	P	Source and notes
113-115	In what state or foreign country was head of family born?				FQ B-6 See Note 7
	001-118 State/country code	7362	1331	2762	
	888 Blank but applicable	80	20	62	
	Blank	20	6	10	
116-117	What is the highest grade or year of regular school head of family has ever attended?				FQ B-7
	00 Never attended or kindergarten only	250	7	35	
	01-08 Elementary grade	2959	511	889	
	09-12 High school grade	2896	411	1445	
	13-16 College	1002	336	363	
	17 Graduate school	170	57	41	
	88 Blank but applicable	165	29	51	
	Blank	20	6	10	
118	Did head of family finish that grade/year?				FQ B-8
	1 Yes	5710	1171	2210	
	2 No	1316	137	492	
	8 Blank but applicable	166	36	87	
	Blank	270	13	45	
119	Is the head of family now married, widowed, divorced, separated or has he or she never been married?				FQ B-9
	0 Under 14	0	0	0	
	1 Married - spouse in household	5706	1059	1295	
	2 Married - spouse not in household	129	9	129	
	3 Widowed	333	48	133	
	4 Divorced	492	136	376	
	5 Separated	388	28	452	
	6 Never married	320	56	418	
	8 Blank but applicable	74	15	21	
	Blank	20	6	10	
120	Did head of family ever serve in the Armed Forces of the United States?				FQ B-11
	1 Yes	1478	64	383	
	2 No	5883	1265	2400	
	8 Blank but applicable	81	22	41	
	Blank	20	6	10	
121	During the past 2 weeks, did head of family work at any time at a job or business, not counting work around the house?				FQ B-12
	1 Yes	5443	1019	1283	
	2 No	1923	305	1504	
	8 Blank but applicable	76	27	37	
	Blank	20	6	10	
122	Even though head of family did not work during those 2 weeks, did he or she have a job or business?				FQ B-13
	1 Yes	101	19	28	
	2 No	1822	286	1476	
	8 Blank but applicable	76	27	37	
	Blank	5463	1025	1293	

Position	Item description and code	M	Counts C	P	Source and notes
123	Was head of family looking for work or on layoff from a job?				FQ B-14
	1 Yes	510	61	118	
	2 No	1413	244	1384	
	8 Blank but applicable	76	27	39	
	Blank	5463	1025	1293	
124	Which, looking for work or on layoff from a job or both?				FQ B-15
	1 Looking	270	43	69	
	2 Layoff	151	12	26	
	3 Both	85	3	17	
	8 Blank but applicable	80	30	45	
	Blank	6876	1269	2677	
125-127	What kind of business or industry does head of family work for?				FQ B-19 See Note 9
	010-932 Industry code	5980	1080	1395	
	990 Blank but applicable	118	28	62	
	Blank	1364	249	1377	
128-130	What kind of work was head of family doing?				FQ B-20 See Note 9
	003-889 Occupation code	5988	1080	1391	
	999 Blank but applicable	110	28	66	
	Blank	1364	249	1377	
131	Class of worker				FQ B-22
	1 Employee of a private company, business or individual for wages, salary, or commission	4702	842	1058	
	2 A Federal government employee	219	4	45	
	3 A State government employee	246	12	54	
	4 A Local government employee	359	22	169	
	5 Self-employed in own incorporated business or professional practice	49	25	14	
	6 Self-employed in own unincorporated business, professional practice, or farm	420	171	56	
	7 Working without pay in family business or farm	0	0	0	
	8 Blank but applicable	99	32	60	
	0 Never worked or never worked at a full-time civilian job lasting 2 weeks or more	4	0	1	
	Blank	1364	249	1377	

Position	Item description and code	M	Counts C	P	Source and notes
SECTION G. FAMILY COMPOSITION AND INCOME DATA (POS 132-162)					
Source: Family Questionnaire (FQ)					
132-133	Number of persons in family (computed) 01-18 Persons	7462	1357	2834	
134-135	Number of sample persons in family (computed) 01-13 Persons	7462	1357	2834	
136	Was the total combined family income during the past 12 months more or less than \$20,000? Include money from jobs, Social Security, retirement income, unemployment payments, public assistance, and so forth. Also include income net from interest, dividends, income from business, farm or rent, and any other money income received.				FQ E-10
	1 \$20,000 or more	2353	536	578	
	2 Less than \$20,000	4856	795	2193	
	7 Refused information	31	1	7	
	8 Blank but applicable	202	19	46	
	Blank	20	6	10	
137-138	Of those income groups, which best represents the total combined family income during the past 12 months? Include wages, salaries, and other items we just talked about. (in dollars)				FQ E-11
	01 Less than 1,000	40	8	7	
	02 1,000 - 1,999	107	10	33	
	03 2,000 - 2,999	143	25	68	
	04 3,000 - 3,999	182	28	132	
	05 4,000 - 4,999	184	34	250	
	06 5,000 - 5,999	234	45	202	
	07 6,000 - 6,999	312	35	213	
	08 7,000 - 7,999	314	46	169	
	09 8,000 - 8,999	284	42	106	
	10 9,000 - 9,999	263	52	125	
	11 10,000 - 10,999	282	72	139	
	12 11,000 - 11,999	250	47	75	
	13 12,000 - 12,999	296	54	100	
	14 13,000 - 13,999	186	32	64	
	15 14,000 - 14,999	254	25	66	
	16 15,000 - 15,999	208	36	77	
	17 16,000 - 16,999	209	34	51	
	18 17,000 - 17,999	231	37	66	
	19 18,000 - 18,999	333	28	82	
	20 19,000 - 19,999	240	55	79	
	21 20,000 - 24,999	694	148	152	
	22 25,000 - 29,999	585	83	124	
	23 30,000 - 34,999	358	78	92	
	24 35,000 - 39,999	257	64	43	
	25 40,000 - 44,999	192	48	36	
	26 45,000 - 49,999	84	43	30	
	27 50,000 and over	107	55	54	
	77 Refused information	76	10	43	
	88 Blank but applicable	537	77	146	
	Blank	20	6	10	

Position	Item description and code	Counts			Source and notes
		M	C	P	
139-143	Per capita income (computed) 00083-50000 Dollars	6829	1264	2636	See Note 11
	88888 Blank but applicable	613	87	189	
	Blank	20	6	9	
144-146	Poverty index (computed) Decimal not shown on tape. 0.04-9.78	6829	1264	2636	See Note 12
	999 Blank but applicable	613	87	189	
	Blank	20	6	9	
147	Did any member of this family receive any Government food stamps in any of the past 12 months?				FQ E-12
	1 Yes	1651	234	1344	
	2 No	5783	1115	1474	
	8 Blank but applicable	8	2	6	
	Blank	20	6	10	
148-149	In how many months of the past 12 months did any member of this family receive food stamps?				FQ E-13
	01-12 Months	1631	234	1335	
	88 Blank but applicable	28	2	15	
	Blank	5803	1121	1484	
150	Did this family receive any government food stamps last month?				FQ E-14
	1 Yes	1345	187	1290	
	2 No	303	47	50	
	8 Blank but applicable	11	2	10	
	Blank	5803	1121	1484	
151-152	In which month did any member of this family last receive food stamps?				FQ E-15
	01-12 Month	298	47	50	
	88 Blank but applicable	16	2	10	
	Blank	7148	1308	2774	
153-154	For how many persons were those food stamps authorized?				FQ E-16
	01-13 Persons	1641	234	1337	
	88 Blank but applicable	18	2	13	
	Blank	5803	1121	1484	
155-157	What was the total face value of those food stamps received by this family in that month?				FQ E-17
	010-520 Dollars	1567	230	1325	
	888 Blank but applicable	92	6	25	
	Blank	5803	1121	1484	
158	Did this family spend more for food in that month than the value of your food stamps?				FQ E-18
	1 Yes	1405	194	1279	
	2 No	231	40	64	
	8 Blank but applicable	23	2	7	
	Blank	5803	1121	1484	

Position	Item description and code	M	Counts C	P	Source and notes
159-161	How much more?				FQ E-19
	003-880 Dollars	1314	182	1258	
	888 Blank but applicable	114	14	28	
	Blank	6034	1161	1548	
162	Is your family receiving food stamps at the present time?				FQ E-20
	1 Yes	1273	175	1269	
	2 No	6153	1171	1542	
	8 Blank but applicable	16	5	13	
	Blank	20	6	10	

Position	Item description and code	Counts			Source and notes
		M	C	P	
SECTION H. RESIDENCE AND HOUSEHOLD DATA (POS 163-183)					
Source: Family Questionnaire (FQ)					
Household Screener Questionnaire (HSQ)					
163	Size of place				See Note 13
	1 1 million or more	1049	0	2070	
	2 500,000 - 999,999	844	0	0	
	3 250,000 - 499,999	884	467	0	
	4 100,000 - 249,999	203	364	368	
	5 50,000 - 99,999	1277	70	76	
	6 25,000 - 49,999	785	205	216	
	7 10,000 - 24,999	746	120	79	
	8 200 - 9,999	1003	88	24	
	9 Not in a place	671	43	1	
164	Standard Metropolitan Statistical Area				See Note 13
	1 In SMSA, in central city	3707	467	2465	
	2 In SMSA, not in central city	2854	890	369	
	4 Not in SMSA	901	0	0	
165-166	Number of persons in household 01-18 Persons	7462	1357	2834	HSQ 1a
167-168	Number of sample persons in household (computed) 01-13 Persons	7462	1357	2834	
169-170	How many rooms are in this home? Count the kitchen, but not the bathroom.				FQ E-1
	01-14 Rooms	7433	1350	2816	
	88 Blank but applicable	9	1	8	
	Blank	20	6	10	
171	Do you have access to complete kitchen facilities in this home; that is, a kitchen sink with piped water, a refrigerator and a range or cookstove?				FQ E-2
	1 Yes	7136	1315	2548	
	2 No	83	10	18	
	8 Blank but applicable	223	26	258	
	Blank	20	6	10	
172-173	What is the main fuel used for heating this home?				FQ E-3 See Note 14
	00 No fuel used	538	231	16	
	01 Oil	4	0	1988	
	02 Natural gas	5955	78	718	
	03 Electricity	604	1027	37	
	04 Bottled gas (propane)	174	2	0	
	05 Kerosene	13	3	0	
	06 Wood	98	3	0	
	07 Coal	0	0	14	
	08 Other, not specified	0	0	2	
	09 Other, specified	11	0	8	
	88 Blank but applicable	45	7	41	
	Blank	20	6	10	

Position	Item description and code	M	Counts C	P	Source and notes
174-175	What is the main heating equipment for this home?				FQ E-4 See Note 14
	00 No heating equipment used	538	231	20	
	01 Steam or hot water with radiators or convectors	44	5	1450	
	02 Central warm air furnace with ducts to individual rooms, or central heat pump	2677	542	180	
	03 Built-in electric units (permanently installed in wall, ceiling, or baseboard)	474	323	63	
	04 Floor, wall or pipeless furnace	1598	46	21	
	05 Room heaters with flue or vent, burning oil, gas, or kerosene	805	17	596	
	06 Room heaters without flue or vent, burning oil, gas, or kerosene	847	6	425	
	07 Heating stove burning wood, coal or coke	88	0	9	
	08 Fireplace(s)	91	4	0	
	09 Portable electric heater(s)	139	137	4	
	10 Other, not specified	0	0	0	
	11 Other, specified	114	35	16	
	88 Blank but applicable	1	5	23	
	99 Don't know	26	0	17	
	Blank	20	6	10	
176-177	Are any other types of equipment used for heating this home?				FQ E-5 See Note 14
	00 No other heating equipment used	6057	1073	2350	
	01 Steam or hot water with radiators or convectors	0	0	13	
	02 Central warm air furnace with ducts to individual rooms, or central heat pump	11	15	7	
	03 Built-in electric units (permanently installed in wall, ceiling, or baseboard)	24	0	2	
	04 Floor, wall or pipeless furnace	11	0	0	
	05 Room heaters with flue or vent, burning oil, gas, or kerosene	22	0	3	
	06 Room heaters without flue or vent, burning oil, gas, or kerosene	22	1	29	
	07 Heating stove burning wood, coal or coke	70	0	8	
	08 Fireplace(s)	449	8	9	
	09 Portable electric heater(s)	186	18	351	
	10 Other, not specified	4	2	3	
	11 Other, specified	18	2	4	
	88 Blank but applicable	30	1	25	
	Blank	558	237	30	
178-179	What is the main fuel used by this additional equipment?				FQ E-6 See Note 14
	00 No fuel used	2	0	2	
	01 Oil	0	0	20	
	02 Natural gas	96	2	27	
	03 Electricity	214	35	345	
	04 Bottled gas (propane)	9	0	1	
	05 Kerosene	2	0	25	
	06 Wood	471	8	11	
	07 Coal	2	0	0	
	08 Other, not specified	0	0	0	
	09 Other, specified	7	0	0	
	88 Blank but applicable	44	2	23	
	Blank	6615	1310	2380	

Position	Item description and code	M	Counts C	P	Source and notes
180-181	What is the main fuel used for cooking in this home?				FQ E-7
	00 No fuel used	21	4	4	
	01 Oil	14	0	31	
	02 Natural gas	5899	253	2603	
	03 Electricity	1295	1083	148	
	04 Bottled gas (propane)	182	8	12	
	05 Kerosene	0	0	3	
	06 Wood	0	0	0	
	07 Coal	0	0	0	
	08 Other, not specified	0	0	0	
	09 Other, specified	14	1	0	
	88 Blank but applicable	17	2	23	
	Blank	20	6	10	
182	Do you have air-conditioning - either individual room units, a central system or evaporative cooling?				FQ E-8
	1 Yes	3583	1254	653	
	2 No	3845	96	2153	
	8 Blank but applicable	14	1	18	
	Blank	20	6	10	
183	Which do you have?				FQ E-9
	1 Individual room unit	1625	583	613	
	2 Central air-conditioning	1233	660	22	
	3 Evaporative cooling	719	6	10	
	8 Blank but applicable	20	6	26	
	Blank	3865	102	2163	

Position	Item description and code	M	Counts C	P	Source and notes
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SECTION I. SAMPLE WEIGHTS (POS 184-217)

184-189	Examined final weight				
	000439-002711	7462	-	-	
	000223-000891	-	1357	-	
	000177-002000	-	-	2834	

190-195	Interview final weight				
	000447-002096	7462	-	-	
	000176-000604	-	1357	-	
	000175-001220	-	-	2834	

GTT/ULTRASOUND, AUDIOMETRY/VISION, PESTICIDE WEIGHTS

By design, only some of the persons in the sample were included in the GTT/ultrasound, audiometry/vision, and pesticide components of the survey. Tape positions for those persons not part of these subsamples are BLANK.

196-201	GTT/ultrasound weight				
	000843-005302	1777	-	-	
	000469-001685	-	449	-	
	000349-003110	-	-	667	
	Blank	5685	908	2167	

202-207	Audiometry/vision weight				
	000507-006283	4431	-	-	
	000223-001600	-	804	-	
	000264-003123	-	-	1759	
	Blank	3031	553	1075	

208-213	Pesticide weight				
	000872-005584	2465	-	-	
	000441-001600	-	568	-	
	000343-003117	-	-	1012	
	Blank	4997	789	1822	

214-215	Strata code				
	01-08	7462	1357	2834	

216-217	Pseudo PSU code				
	01-02	7462	1357	2834	

Position	Item description and code	M	Counts C	P	Source and notes
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SECTION J. FAMILY RELATIONSHIPS (POS 218-400)

Source: Adult Sample Person Questionnaire
Family Questionnaire

218-400 **Blank**
Data not yet available.

Position	Item description and code	M	Counts C	P	Source and notes
SECTION K. DIETARY PRACTICES (POS 401-469)					
401-404	Tape number 6525	7462	1357	2834	
405-406	Respondent code				See Note 15
	01 Sample person	4965	1127	2013	
	02 Spouse	5	2	1	
	03 Parent	1681	143	587	
	04 Grandparent	21	4	15	
	05 Combination of above	661	72	208	
	06 Siblings and/or other family members	91	7	6	
	07 Babysitter or maid, alone or with family member	14	0	0	
	08 School authority, alone or with a family member	10	1	1	
	88 Blank, but applicable	9	0	0	
	Blank	5	1	3	
407-408	Date of recall 01-12 Month	7458	1356	2831	
	Blank	4	1	3	
409-410	01-31 Day	7458	1356	2831	
	Blank	4	1	3	
411-412	82 Year	2506	0	0	
	83	4952	0	0	
	84	0	1356	2831	
	Blank	4	1	3	
413	Day of recall				
	1 Sunday	0	56	31	
	2 Monday	1478	234	479	
	3 Tuesday	1355	139	484	
	4 Wednesday	1496	246	493	
	5 Thursday	1219	110	436	
	6 Friday	1908	430	865	
	7 Saturday	0	141	43	
	8 Blank, but applicable	2	0	0	
	Blank	4	1	3	
414	Are you on a special diet?				DQ 4
	1 Yes	399	127	194	
	2 No	7057	1227	2623	
	8 Blank, but applicable	0	0	13	
	9 Unknown	1	2	1	
	Blank	5	1	3	
415	What is the purpose of this diet? (Positions 415-425) Respondents answering this question may have reported more than one purpose for the diet.				DQ 5
	To lose weight				
	1 Yes	196	56	66	
	8 Blank, but applicable	0	0	15	
	9 Unknown	1	2	0	
	Blank	7265	1299	2753	

Position	Item description and code	M	Counts C	P	Source and notes
416	<u>To gain weight</u>				
	1 Yes	4	0	1	
	8 Blank, but applicable	0	0	15	
	9 Unknown	1	2	0	
	Blank	7457	1355	2818	
417	<u>For diabetes</u>				
	1 Yes	103	17	45	
	8 Blank, but applicable	0	0	15	
	9 Unknown	1	2	0	
	Blank	7358	1338	2774	
418	<u>For kidney failure</u>				
	1 Yes	3	0	1	
	8 Blank, but applicable	0	0	15	
	9 Unknown	1	2	0	
	Blank	7458	1355	2818	
419	<u>For ulcers</u>				
	1 Yes	3	5	6	
	8 Blank, but applicable	0	0	15	
	9 Unknown	1	2	0	
	Blank	7458	1350	2813	
420	<u>For diverticulitis</u>				
	1 Yes	1	1	3	
	8 Blank, but applicable	0	0	15	
	9 Unknown	1	2	0	
	Blank	7460	1354	2816	
421	<u>For allergies</u>				
	1 Yes	6	2	2	
	8 Blank, but applicable	0	0	15	
	9 Unknown	1	2	0	
	Blank	7455	1353	2817	
422	<u>For heart trouble</u>				
	1 Yes	23	10	18	
	8 Blank, but applicable	0	0	15	
	9 Unknown	1	2	0	
	Blank	7438	1345	2801	
423	<u>For high blood pressure</u>				
	1 Yes	74	22	34	
	8 Blank, but applicable	0	0	15	
	9 Unknown	1	2	0	
	Blank	7387	1333	2785	
424	<u>For pregnancy</u>				
	1 Yes	4	3	1	
	8 Blank, but applicable	0	0	15	
	9 Unknown	1	2	0	
	Blank	7457	1352	2818	

Position	Item description and code	M	Counts C	P	Source and notes
425	<u>Other</u>				See Note 15
	1 To maintain weight	14	0	0	
	2 For elevated serum cholesterol	10	7	6	
	3 To maintain good health	5	2	1	
	4 For hypoglycemia	5	1	1	
	5 For arthritis	4	0	2	
	6 For better digestion	4	0	0	
	7 "Other"	39	19	30	
	8 Blank, but applicable	0	0	15	
	9 Unknown	3	7	7	
	Blank	7378	1321	2772	
	What kind of diet is it? (Positions 426-438)				DQ 6
	Respondents answering this question may have reported more than one kind of diet.				
426	<u>High protein</u>				
	1 Yes	18	2	6	
	8 Blank, but applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7442	1353	2813	
427	<u>High calorie</u>				
	1 Yes	4	0	2	
	8 Blank, but applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7456	1355	2817	
428	<u>Low fat</u>				
	1 Yes	131	62	68	
	8 Blank, but applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7329	1293	2751	
429	<u>Low protein</u>				
	1 Yes	6	2	4	
	8 Blank, but applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7454	1353	2815	
430	<u>Low salt</u>				
	1 Yes	111	49	77	
	8 Blank, but applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7349	1306	2742	
431	<u>Low carbohydrate</u>				
	1 Yes	74	16	26	
	8 Blank, but applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7386	1339	2793	
432	<u>Low sugar</u>				
	1 Yes	163	31	62	
	8 Blank, but applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7297	1324	2757	

Position	Item description and code	Counts			Source and notes
		M	C	P	
433	<u>Low calorie</u>				
	1 Yes	102	21	49	
	8 Blank, but applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7358	1334	2770	
434	<u>Low cholesterol</u>				
	1 Yes	30	7	17	
	8 Blank, not applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7430	1348	2802	
435	<u>Vegetarian with eggs, milk, etc.</u>				
	1 Yes	2	0	1	
	8 Blank, but applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7458	1355	2818	
436	<u>Vegetarian with no eggs, milk, etc.</u>				
	1 Yes	0	0	0	
	8 Blank, but applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7460	1355	2819	
437	<u>A bland diet</u>				
	1 Yes	6	4	12	
	8 Blank, but applicable	0	0	15	
	9 Unknown	2	2	0	
	Blank	7454	1351	2807	
438	<u>Some other diet</u>				See Note 15
	1 Diet or fluid pills	5	0	0	
	2 Modifications of food intakes	123	46	50	
	3 Weight reduction programs	18	3	3	
	4 "Other"	12	1	7	
	8 Blank, but applicable	0	0	15	
	9 Unknown	5	8	6	
	Blank	7299	1299	2753	
	How long have you been on this diet? (Positions 439-444)				DQ 7
	The duration may cover more than one diet reported and it does not indicate consistent use.				
439-440	00-12 Weeks	99	38	31	
	88 Blank, but applicable	1	1	14	
	99 Unknown	3	2	0	
	Blank	7359	1316	2789	
441-442	01-18 Months	130	29	78	
	88 Blank, but applicable	0	1	14	
	99 Unknown	2	2	0	
	Blank	7330	1325	2742	
443-444	01-64 Years	168	59	85	
	88 Blank, but applicable	0	1	14	
	99 Unknown	3	2	0	
	Blank	7291	1295	2735	

Position	Item description and code	M	Counts C	P	Source and notes
445	Was this diet prescribed by a health professional, such as a doctor, dietitian or nurse?				DQ 8
	1 Yes	254	85	145	
	2 No	144	41	49	
	8 Blank, but applicable	1	1	14	
	9 Unknown	1	2	0	
	Blank	7062	1228	2626	
446	Did you go off this diet often, once in a while, rarely or never?				DQ 9
	1 Often	87	16	38	
	2 Once in a while	168	55	97	
	3 Rarely or never	142	55	58	
	8 Blank, but applicable	1	1	14	
	9 Unknown	2	2	1	
	Blank	7062	1228	2626	
447	Has your way of eating changed in the past three months?				DQ 10
	1 Yes	1679	246	793	
	2 No	5769	1107	2022	
	8 Blank, but applicable	6	1	16	
	9 Unknown	3	2	0	
	Blank	5	1	3	
448	How has your way of eating changed?				DQ 11 See Note 15
	1 Eat less	726	85	342	
	2 Eat more	424	61	231	
	3 Other	519	100	218	
	8 Blank, but applicable	15	1	18	
	9 Unknown	4	2	0	
	Blank	5774	1108	2025	
	How long ago was this change? (Positions 449-452)				DQ 12
449-450	00-11 Weeks	435	89	198	
	88 Blank, but applicable	7	1	16	
	99 Unknown	4	2	0	
	Blank	7016	1265	2620	
451-452	01-03 Months	1242	157	595	
	88 Blank, but applicable	7	1	12	
	99 Unknown	4	2	0	
	Blank	6209	1197	2227	

Position	Item description and code	M	Counts C	P	Source and notes
How often do you salt your food at the table?					
453-454	<u>Number of times (01-15)</u>	3426	295	875	
	00 None or never	3511	988	1730	
	77 Less than once a week	496	68	200	
	88 Blank, but applicable	5	2	17	
	99 Unknown	19	3	9	
	Blank	5	1	3	
455	<u>Interval</u>				
	0 Never, number of times must be 00	3511	988	1730	
	1 Daily	2626	191	523	
	2 Weekly	800	104	352	
	7 Less than once a week, number of times must be 77	496	68	200	
	8 Blank, but applicable	5	2	17	
	9 Unknown, number of times must be 99	19	3	9	
	Blank	5	1	3	
Including lunch how often do you buy a meal outside the home? Free or purchased lunches are included.					DQ 33
456-457	<u>Number of times (01-21)</u>	4595	826	1581	
	00 None or never	1220	257	629	
	77 Less than once a week	1623	266	593	
	88 Blank, but applicable	7	2	17	
	99 Unknown	12	5	11	
	Blank	5	1	3	
458	<u>Interval</u>				
	0 Never, number of times must be 00	1220	257	629	
	1 Daily	472	160	334	
	2 Weekly	4123	666	1247	
	7 Less than once a week, number of times must be 77	1623	266	593	
	8 Blank, but applicable	7	2	17	
	9 Unknown, number of times must be 99	12	5	11	
	Blank	5	1	3	
How often do you eat frozen or canned ready-fixed meals such as TV dinners?					DQ 34
459-460	<u>Number of times (01-07)</u>	666	116	352	
	00 None or never	5301	1039	1995	
	77 Less than once a week	1453	192	455	
	88 Blank, but applicable	5	2	18	
	99 Unknown	32	7	11	
	Blank	5	1	3	
461	<u>Interval</u>				
	0 Never, number of times must be 00	5301	1039	1995	
	1 Daily	16	10	29	
	2 Weekly	650	106	323	
	7 Less than once a week, number of times must be 77	1453	192	455	
	8 Blank, but applicable	5	2	18	
	9 Unknown, number of times must be 99	32	7	11	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
462	Do you drink any type of herb tea when you don't feel well?				DQ 35
	1 Yes	1860	321	742	
	2 No	5587	1029	2062	
	8 Blank, but applicable	7	1	11	
	9 Unknown	3	5	16	
	Blank	5	1	3	
463	For what kind(s) of illness do you take herb tea?				DQ 36 See Note 15
	1 Psychological or stress related	103	33	51	
	2 Headache only	18	4	9	
	3 Colds, flu, fever and virus related symptoms	422	23	270	
	4 Stomach ache only	808	168	171	
	5 Other physiological reasons, e.g. menstrual cramps, or health conditions related to the heart; liver, etc.	107	32	52	
	6 Combination of above	396	59	185	
	8 Blank, but applicable	4	3	0	
	9 Unknown	2	5	4	
	Blank	5602	1030	2092	
464-465	Who usually prepares the food at your house?				DQ 37
	01 Self	2023	448	814	
	02 Self and other	186	62	76	
	03 Mother	3482	450	1376	
	04 Father	72	6	22	
	05 Husband	34	10	13	
	06 Wife	1124	261	297	
	07 Mother-in-law	9	8	8	
	08 Daughter	47	10	22	
	09 Daughter-in-law	6	0	2	
	10 Grandparent	156	55	88	
	11 Siblings and/or other family members	217	26	59	
	12 Combination of above	29	6	6	
	13 Other	65	11	25	
	88 Blank, but applicable	5	1	11	
	99 Unknown	2	2	12	
	Blank	5	1	3	
466-467	What do you usually use when you fry foods?				DQ 38 See Note 15
	01 Lard	1534	49	126	
	02 Oil	4145	1176	2476	
	03 Butter	143	13	24	
	04 Margarine	138	23	24	
	05 Shortening	1218	12	37	
	06 Meat or bacon drippings	47	2	3	
	07 Vegetable "sprays"	63	4	13	
	08 Combination of the above	9	1	2	
	09 Never eats fried foods	43	29	63	
	88 Blank, but applicable	5	1	11	
	99 Unknown or don't know	112	46	52	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
468	How often do you eat breakfast--everyday, sometimes, rarely or never?				DQ 39
	1 Everyday	4796	1013	1836	
	2 Sometimes	1591	161	552	
	3 Rarely or never	1055	177	417	
	4 Other, not specified	2	0	1	
	5 Other, specified	1	1	1	
	8 Blank, but applicable	10	2	12	
	9 Unknown	2	2	12	
	Blank	5	1	3	
469	Including evening snacks, how often do you eat between meals--everyday, sometimes, rarely or never?				DQ 40
	1 Everyday	3294	602	1438	
	2 Sometimes	2675	349	872	
	3 Rarely or never	1477	400	495	
	4 Other, not specified	0	1	1	
	5 Other, specified	0	0	2	
	8 Blank, but applicable	8	2	11	
	9 Unknown	3	2	12	
	Blank	5	1	3	

Position	Item description and code	Counts			Source and notes
		M	C	P	
SECTION L. FOOD FREQUENCY (POS 470-643)					
470	Instruction box for dietary frequency				See Note 16
	1 No diet change	5739	1107	2022	
	2 Diet change 2 months or more	863	119	423	
	3 Diet change less than 2 months	845	127	371	
	8 Blank, but applicable	10	3	15	
	Blank	5	1	3	
471	Dietary frequency completion code				DQ 31 See Note 17
	1 Satisfactory	7419	1342	2785	
	2 Unsatisfactory	25	3	20	
	3 Refusal	12	11	26	
	8 Blank, but applicable	1	0	0	
	Blank	5	1	3	
472	Language of interview for Dietary Questionnaire				
	1 English	4919	504	1722	
	2 Spanish	2375	809	951	
	3 Mixed	155	42	143	
	8 Blank, but applicable	8	1	15	
	Blank	5	1	3	
Food Group Categories and Reported Consumption					
Extreme daily and weekly frequency counts in each food group were cross-checked with the respondent's 24-hour recall. Some persons may have confused frequency with quantity, i.e. water reported 60 times on the frequency reflected the consumption of 60 ounces on the recall. These extremes were not changed.					
Skim Milk, Low Fat Milk, Buttermilk					
DQ 13a					
473-474	<u>Number of times (01-16)</u>	1799	348	309	
	00 None or never	5092	921	2370	
	77 Less than once a week	368	66	102	
	88 Blank, but applicable	22	6	24	
	99 Unknown	176	15	26	
	Blank	5	1	3	
475	<u>Interval</u>				
	0 Never, number of times must be 00	5092	921	2370	
	1 Daily	1111	259	170	
	2 Weekly	688	89	139	
	7 Less than once a week, number of times must be 77	368	66	102	
	8 Blank, but applicable	22	6	24	
	9 Unknown, number of times must be 99	176	15	26	
	Blank	5	1	3	

Position	Item description and code	Counts			Source and notes
		M	C	P	
	Whole Milk				DQ 13b
476-477	<u>Number of times (01-12)</u>	5285	902	2343	
	00 None or never	1517	351	282	
	77 Less than once a week	594	88	158	
	88 Blank, but applicable	22	6	24	
	99 Unknown	39	9	24	
	Blank	5	1	3	
478	<u>Interval</u>				
	0 Never, number of times must be 00	1517	351	282	
	1 Daily	3822	750	1953	
	2 Weekly	1463	152	390	
	7 Less than once a week, number of times must be 77	594	88	158	
	8 Blank, but applicable	22	6	24	
	9 Unknown, number of times must be 99	39	9	24	
	Blank	5	1	3	
	Ice Cream, Ice Milk				DQ 13c
479-480	<u>Number of times (01-12)</u>	3702	541	1325	
	00 None or never	1393	383	632	
	77 Less than once a week	2329	420	834	
	88 Blank, but applicable	23	6	25	
	99 Unknown	10	6	15	
	Blank	5	1	3	
481	<u>Interval</u>				
	0 Never, number of times must be 00	1393	383	632	
	1 Daily	378	79	209	
	2 Weekly	3324	462	1116	
	7 Less than once a week, number of times must be 77	2329	420	834	
	8 Blank, but applicable	23	6	25	
	9 Unknown, number of times must be 99	10	6	15	
	Blank	5	1	3	
	Puddings made with milk				DQ 13d
482-483	<u>Number of times (01-07)</u>	885	200	383	
	00 None or never	4718	741	1787	
	77 Less than once a week	1771	404	622	
	88 Blank, but applicable	23	6	27	
	99 Unknown	60	5	12	
	Blank	5	1	3	
484	<u>Interval</u>				
	0 Never, number of times must be 00	4718	741	1787	
	1 Daily	28	11	24	
	2 Weekly	857	189	359	
	7 Less than once a week, number of times must be 77	1771	404	622	
	8 Blank, but applicable	23	6	27	
	9 Unknown, number of times must be 99	60	5	12	
	Blank	5	1	3	

Position	Item description and code	Counts			Source and notes
		M	C	P	
	Cheese including cottage cheese				DQ 13e
485-486	<u>Number of times (01-20)</u>	5648	889	2001	
	00 None or never	791	204	402	
	77 Less than once a week	984	246	390	
	88 Blank, but applicable	24	7	27	
	99 Unknown	10	10	11	
	Blank	5	1	3	
487	<u>Interval</u>				
	0 Never, number of times must be 00	791	204	402	
	1 Daily	1163	266	510	
	2 Weekly	4485	623	1491	
	7 Less than once a week, number of times must be 77	984	246	390	
	8 Blank, but applicable	24	7	27	
	9 Unknown, number of times must be 99	10	10	11	
	Blank	5	1	3	
	Yogurt				DQ 13f
488-489	<u>Number of times (01-06)</u>	878	278	432	
	00 None or never	5313	844	1986	
	77 Less than once a week	913	221	353	
	88 Blank, but applicable	28	6	28	
	99 Unknown	325	7	32	
	Blank	5	1	3	
490	<u>Interval</u>				
	0 Never, number of times must be 00	5313	844	1986	
	1 Daily	99	50	51	
	2 Weekly	779	228	381	
	7 Less than once a week, number of times must be 77	913	221	353	
	8 Blank, but applicable	28	6	28	
	9 Unknown, number of times must be 99	325	7	32	
	Blank	5	1	3	
	Mixed Dishes				DQ 14
491-492	<u>Number of times (01-25)</u>	5565	805	2199	
	00 None or never	439	150	174	
	77 Less than once a week	1414	384	416	
	88 Blank, but applicable	25	6	28	
	99 Unknown	14	11	14	
	Blank	5	1	3	
493	<u>Interval</u>				
	0 Never, number of times must be 00	439	150	174	
	1 Daily	983	123	395	
	2 Weekly	4582	682	1804	
	7 Less than once a week, number of times must be 77	1414	384	416	
	8 Blank, but applicable	25	6	28	
	9 Unknown, number of times must be 99	14	11	14	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Shellfish				DQ 15a
494-495	<u>Number of times (01-06)</u>	1249	193	517	
	00 None or never	3898	561	1391	
	77 Less than once a week	2277	590	882	
	88 Blank, but applicable	25	6	27	
	99 Unknown	8	6	14	
	Blank	5	1	3	
496	<u>Interval</u>				
	0 Never, number of times must be 00	3898	561	1391	
	1 Daily	9	2	9	
	2 Weekly	1240	191	508	
	7 Less than once a week, number of times must be 77	2277	590	882	
	8 Blank, but applicable	25	6	27	
	9 Unknown, number of times must be 99	8	6	14	
	Blank	5	1	3	
	Fish				DQ 15b
497-498	<u>Number of times (01-11)</u>	3292	598	1371	
	00 None or never	1535	306	555	
	77 Less than once a week	2595	440	866	
	88 Blank, but applicable	26	28		
	99 Unknown	9	6	11	
	Blank	5	1	3	
499	<u>Interval</u>				
	0 Never, number of times must be 00	1535	306	555	
	1 Daily	33	15	28	
	2 Weekly	3259	583	1343	
	7 Less than once a week, number of times must be 77	2595	440	866	
	8 Blank, but applicable	26	6	28	
	9 Unknown, number of times must be 99	9	6	11	
	Blank	5	1	3	
	Organ Meats				DQ 16
500-501	<u>Number of times (01-05)</u>	1375	79	321	
	00 None or never	3606	981	1989	
	77 Less than once a week	2442	281	480	
	88 Blank, but applicable	25	6	27	
	99 Unknown	9	9	14	
	Blank	5	1	3	
502	<u>Interval</u>				
	0 Never, number of times must be 00	3606	981	1989	
	1 Daily	3	0	3	
	2 Weekly	1372	79	318	
	7 Less than once a week, number of times must be 77	2442	281	480	
	8 Blank, but applicable	25	6	27	
	9 Unknown, number of times must be 99	9	9	14	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Poultry				DQ 17
503-504	<u>Number of times (01-10)</u>	6025	1215	2527	
	00 None or never	211	27	65	
	77 Less than once a week	1188	103	201	
	88 Blank, but applicable	26	6	28	
	99 Unknown	7	5	10	
	Blank	5	1	3	
505	<u>Interval</u>				
	0 Never, number of times must be 00	211	27	65	
	1 Daily	133	47	142	
	2 Weekly	5892	1168	2385	
	7 Less than once a week, number of times must be 77	1188	103	201	
	8 Blank, but applicable	26	6	28	
	9 Unknown, number of times must be 99	7	5	10	
	Blank	5	1	3	
	Luncheon Meats, Processed Meats				DQ 8a
506-507	<u>Number of times (01-08)</u>	4978	620	1815	
	00 None or never	1099	452	523	
	77 Less than once a week	1339	273	451	
	88 Blank, but applicable	26	6	28	
	99 Unknown	15	5	14	
	Blank	5	1	3	
508	<u>Interval</u>				
	0 Never, number of times must be 00	1099	452	523	
	1 Daily	706	67	232	
	2 Weekly	4272	553	1583	
	7 Less than once a week, number of times must be 77	1339	273	451	
	8 Blank, but applicable	26	6	28	
	9 Unknown, number of times must be 99	15	5	14	
	Blank	5	1	3	
	Pork, Ham				DQ 18b
509-510	<u>Number of times (01-10)</u>	3827	824	1660	
	00 None or never	1639	179	562	
	77 Less than once a week	1947	339	565	
	88 Blank, but applicable	26	6	28	
	99 Unknown	18	8	16	
	Blank	5	1	3	
511	<u>Interval</u>				
	0 Never, number of times must be 00	1639	179	562	
	1 Daily	168	50	105	
	2 Weekly	3659	774	1555	
	7 Less than once a week, number of times must be 77	1947	339	565	
	8 Blank, but applicable	26	6	28	
	9 Unknown, number of times must be 99	18	8	16	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Beef (including hamburger), Lamb or Veal				DQ 18c
512-513	<u>Number of times (01-12)</u>	6730	1267	2218	
	00 None or never	162	20	180	
	77 Less than once a week	524	58	393	
	88 Blank, but applicable	28	6	28	
	99 Unknown	13	5	12	
	Blank	5	1	3	
514	<u>Interval</u>				
	0 Never, number of times must be 00	162	20	180	
	1 Daily	1069	207	109	
	2 Weekly	5661	1060	2109	
	7 Less than once a week, number of times must be 77	524	58	393	
	8 Blank, but applicable	28	6	28	
	9 Unknown, number of times must be 99	13	5	12	
	Blank	5	1	3	
	Eggs				DQ 19
515-516	<u>Number of times (01-15)</u>	6572	945	2201	
	00 None or never	382	164	294	
	77 Less than once a week	463	236	293	
	88 Blank, but applicable	28	6	28	
	99 Unknown	12	5	15	
	Blank	5	1	3	
517	<u>Interval</u>				
	0 Never, number of times must be 00	382	164	294	
	1 Daily	2678	145	623	
	2 Weekly	3894	800	1578	
	7 Less than once a week, number of times must be 77	463	236	293	
	8 Blank, but applicable	28	6	28	
	9 Unknown, number of times must be 99	12	5	15	
	Blank	5	1	3	
	Soups				DQ 20
518-519	<u>Number of times (01-08)</u>	4334	743	1439	
	00 None or never	1189	243	576	
	77 Less than once a week	1893	358	775	
	88 Blank, but applicable	28	6	30	
	99 Unknown	13	6	11	
	Blank	5	1	3	
520	<u>Interval</u>				
	0 Never, number of times must be 00	1189	243	576	
	1 Daily	343	57	115	
	2 Weekly	3991	686	1324	
	7 Less than once a week, number of times must be 77	1893	358	775	
	8 Blank, but applicable	28	6	30	
	9 Unknown, number of times must be 99	13	6	11	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Margarine, Vegetable Oil				DQ 21a
521-522	<u>Number of times (01-10)</u>	4302	746	1466	See Note 18
	00 None or never	2296	447	1017	
	77 Less than once a week	753	133	298	
	88 Blank, but applicable	28	9	30	
	99 Unknown	78	21	20	
	Blank	5	1	3	
523	<u>Interval</u>				
	0 Never, number of times must be 00	2296	447	1017	
	1 Daily	1408	367	518	
	2 Weekly	2894	379	948	
	7 Less than once a week, number of times must be 77	753	133	298	
	8 Blank, but applicable	28	9	30	
	9 Unknown, number of times must be 99	78	21	20	
	Blank	5	1	3	
	Butter, Cream Cheese				DQ 21b
524-525	<u>Number of times (01-08)</u>	2868	569	1314	See Note 18
	00 None or never	3361	523	1139	
	77 Less than once a week	1067	240	322	
	88 Blank, but applicable	28	9	30	
	99 Unknown	133	15	26	
	Blank	5	1	3	
526	<u>Interval</u>				
	0 Never, number of times must be 00	3361	523	1139	
	1 Daily	648	152	387	
	2 Weekly	2220	417	927	
	7 Less than once a week, number of times must be 77	1067	240	322	
	8 Blank, but applicable	28	9	30	
	9 Unknown, number of times must be 99	133	15	26	
	Blank	5	1	3	
	Non-dairy Coffee Creamer				DQ 21c
527-528	<u>Number of times (01-25)</u>	821	168	105	See Note 18
	00 None or never	6304	1119	2623	
	77 Less than once a week	272	51	58	
	88 Blank, but applicable	29	9	30	
	99 Unknown	31	9	15	
	Blank	5	1	3	
529	<u>Interval</u>				
	0 Never, number of times must be 00	6304	1119	2623	
	1 Daily	450	101	43	
	2 Weekly	371	67	62	
	7 Less than once a week, number of times must be 77	272	51	58	
	8 Blank, but applicable	29	9	30	
	9 Unknown, number of times must be 99	31	9	15	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Cream				DQ 21d
530-531	<u>Number of times (01-15)</u>	1175	97	111	See Note 18
	00 None or never	5249	1145	2579	
	77 Less than once a week	966	95	99	
	88 Blank, but applicable	29	9	30	
	99 Unknown	38	10	12	
	Blank	5	1	3	
532	<u>Interval</u>				
	0 Never, number of times must be 00	5249	1145	2579	
	1 Daily	140	23	35	
	2 Weekly	1035	74	76	
	7 Less than once a week, number of times must be 77	966	95	99	
	8 Blank, but applicable	29	9	30	
	9 Unknown, number of times must be 99	38	10	12	
	Blank	5	1	3	
	Bacon, Salt Pork				DQ 21e
533-534	<u>Number of times (01-07)</u>	3597	307	891	See Note 18
	00 None or never	2316	787	1424	
	77 Less than once a week	1500	246	474	
	88 Blank, but applicable	29	9	31	
	99 Unknown	15	7	11	
	Blank	5	1	3	
535	<u>Interval</u>				
	0 Never, number of times must be 00	2316	787	1424	
	1 Daily	240	13	55	
	2 Weekly	3357	294	836	
	7 Less than once a week, number of times must be 77	1500	246	474	
	8 Blank, but applicable	29	9	31	
	9 Unknown, number of times must be 99	15	7	11	
	Blank	5	1	3	
	Mayonnaise, Salad Dressing				DQ 21f
536-537	<u>Number of times (01-10)</u>	5103	604	1728	See Note 18
	00 None or never	1353	519	683	
	77 Less than once a week	953	218	375	
	88 Blank, but applicable	29	9	31	
	99 Unknown	19	6	14	
	Blank	5	1	3	
538	<u>Interval</u>				
	0 Never, number of times must be 00	1353	519	683	
	1 Daily	841	96	298	
	2 Weekly	4262	508	1430	
	7 Less than once a week, number of times must be 77	953	218	375	
	8 Blank, but applicable	29	9	31	
	9 Unknown, number of times must be 99	19	6	14	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Peanut Butter				DQ 21g
539-540	<u>Number of times (01-10)</u>	2595	154	800	See Note 18
	00 None or never	3429	1050	1588	
	77 Less than once a week	1396	138	400	
	88 Blank, but applicable	29	9	31	
	99 Unknown	8	5	12	
	Blank	5	1	3	
541	<u>Interval</u>				
	0 Never, number of times must be 00	3429	1050	1588	
	1 Daily	377	30	139	
	2 Weekly	2218	124	661	
	7 Less than once a week, number of times must be 77	1396	138	400	
	8 Blank, but applicable	29	9	31	
	9 Unknown, number of times must be 99	8	5	12	
	Blank	5	1	3	
	Avocado, Olives				DQ 21h
542-543	<u>Number of times (01-10)</u>	3145	412	1029	
	00 None or never	2195	523	1139	
	77 Less than once a week	2078	404	617	
	88 Blank, but applicable	31	9	33	
	99 Unknown	8	8	13	
	Blank	5	1	3	
544	<u>Interval</u>				
	0 Never, number of times must be 00	2195	523	1139	
	1 Daily	170	63	96	
	2 Weekly	2975	349	933	
	7 Less than once a week, number of times must be 77	2078	404	617	
	8 Blank, but applicable	31	9	33	
	9 Unknown, number of times must be 99	8	8	13	
	Blank	5	1	3	
	Cold Cereals, Hot Cereals				DQ 22a
545-546	<u>Number of times (01-15)</u>	4907	525	1864	
	00 None or never	1618	662	642	
	77 Less than once a week	892	153	283	
	88 Blank but applicable	29	9	31	
	99 Unknown	11	7	11	
	Blank	5	1	3	
547	<u>Interval</u>				
	0 Never, number of times must be 00	1618	662	642	
	1 Daily	1193	199	598	
	2 Weekly	3714	326	1266	
	7 Less than once a week, number of times must be 77	892	153	283	
	8 Blank, but applicable	29	9	31	
	9 Unknown, number of times must be 99	11	7	11	
	Blank	5	1	3	

Position	Item description and code	Counts			Source and notes
		M	C	P	
	Rice, Pasta				DQ 22b
548-549	<u>Number of times (01-10)</u>	5957	1196	2600	
	00 None or never	380	47	51	
	77 Less than once a week	1083	99	138	
	88 Blank, but applicable	30	9	31	
	99 Unknown	7	5	11	
	Blank	5	1	3	
550	<u>Interval</u>				
	0 Never, number of times must be 00	380	47	51	
	1 Daily	732	609	850	
	2 Weekly	5225	587	1750	
	7 Less than once a week, number of times must be 77	1083	99	138	
	8 Blank, but applicable	30	9	31	
	9 Unknown, number of times must be 99	7	5	11	
	Blank	5	1	3	
	Breads				DQ 22c
551-552	<u>Number of times (01-18)</u>	6647	1260	2604	
	00 None or never	295	38	87	
	77 Less than once a week	470	44	95	
	88 Blank, but applicable	30	9	30	
	99 Unknown	15	5	15	
	Blank	5	1	3	
553	<u>Interval</u>				
	0 Never, number of times must be 00	295	38	87	
	1 Daily	3361	839	-1453	
	2 Weekly	3286	421	1151	
	7 Less than once a week, number of times must be 77	470	44	95	
	8 Blank, but applicable	30	9	30	
	9 Unknown, number of times must be 99	15	5	15	
	Blank	5	1	3	
	Corn Tortillas				DQ 22d
554-555	<u>Number of times (01-15)</u>	5007	49	149	
	00 None or never	1155	1167	2383	
	77 Less than once a week	1255	123	248	
	88 Blank, but applicable	30	9	31	
	99 Unknown	10	8	20	
	Blank	5	1	3	
556	<u>Interval</u>				
	0 Never, number of times must be 00	1155	1167	2383	
	1 Daily	2233	0	11	
	2 Weekly	2774	49	138	
	7 Less than once a week, number of times must be 77	1255	123	248	
	8 Blank, but applicable	30	9	31	
	9 Unknown, number of times must be 99	10	8	20	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Flour Tortillas				DQ 22e
557-558	<u>Number of times (01-15)</u>	5320	17	95	
	00 None or never	1004	1225	2516	
	77 Less than once a week	1092	95	169	
	88 Blank, but applicable	30	9	32	
	99 Unknown	11	10	19	
	Blank	5	1	3	
559	<u>Interval</u>				
	0 Never, number of times must be 00	1004	1225	2516	
	1 Daily	1898	0	0	
	2 Weekly	3422	17	95	
	7 Less than once a week, number of times must be 77	1092	95	169	
	8 Blank, but applicable	30	9	32	
	9 Unknown, number of times must be 99	11	10	19	
	Blank	5	1	3	
	Legumes				DQ 23
560-561	<u>Number of times (01-15)</u>	6066	889	2138	
	00 None or never	447	189	381	
	77 Less than once a week	906	264	265	
	88 Blank, but applicable	30	9	36	
	99 Unknown	8	5	11	
	Blank	5	1	3	
562	<u>Interval</u>				
	0 Never, number of times must be 00	447	189	381	
	1 Daily	1859	122	518	
	2 Weekly	4207	767	1620	
	7 Less than once a week, number of times must be 77	906	264	265	
	8 Blank, but applicable	30	9	36	
	9 Unknown, number of times must be 99	8	5	11	
	Blank	5	1	3	
	Fruits, All Kinds				DQ 24a
563-564	<u>Number of times (01-20)</u>	6794	1219	2557	
	00 None or never	154	38	52	
	77 Less than once a week	464	86	175	
	88 Blank, but applicable	32	8	36	
	99 Unknown	13	5	11	
	Blank	5	1	3	
565	<u>Interval</u>				
	0 Never, number of times must be 00	154	38	52	
	1 Daily	3388	703	1347	
	2 Weekly	3406	516	1210	
	7 Less than once a week, number of times must be 77	464	86	175	
	8 Blank, but applicable	32	8	36	
	9 Unknown, number of times must be 99	13	5	11	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Citrus Fruits or Juice				DQ 24b
566-567	<u>Number of times (01-20)</u>	5728	990	2212	
	00 None or never	782	226	322	
	77 Less than once a week	899	123	249	
	88 Blank, but applicable	32	9	37	
	99 Unknown	16	8	11	
	Blank	5	1	3	
568	<u>Interval</u>				
	0 Never, number of times must be 00	782	226	322	
	1 Daily	1883	522	1004	
	2 Weekly	3845	468	1208	
	7 Less than once a week, number of times must be 77	899	123	249	
	8 Blank, but applicable	32	9	37	
	9 Unknown, number of times must be 99	16	8	11	
	Blank	5	1	3	
	Deep Yellow or Orange Fruit				DQ 24c
569-570	<u>Number of times 1-20</u>	3565	439	1254	
	00 None or never	1974	530	908	
	77 Less than once a week	1870	373	619	
	88 Blank, but applicable	32	7	36	
	99 Unknown	16	7	14	
	Blank	5	1	3	
571	<u>Interval</u>				
	0 Never, number of times must be 00	1974	530	908	
	1 Daily	488	64	155	
	2 Weekly	3077	375	1099	
	7 Less than once a week, number of times must be 77	1870	373	619	
	8 Blank, but applicable	32	7	36	
	9 Unknown, number of times must be 99	16	7	14	
	Blank	5	1	3	
	Vegetables, All Kinds				DQ 24d
572-573	<u>Number of times (01-15)</u>	6611	1171	2303	
	00 None or never	189	54	137	
	77 Less than once a week	617	117	342	
	88 Blank, but applicable	32	9	37	
	99 Unknown	8	5	12	
	Blank	5	1	3	
574	<u>Interval</u>				
	0 Never, number of times must be 00	189	54	137	
	1 Daily	2565	522	715	
	2 Weekly	4046	649	1588	
	7 Less than once a week, number of times must be 77	617	117	342	
	8 Blank, but applicable	32	9	37	
	9 Unknown, number of times must be 99	8	5	12	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Vegetables, Bright Orange, or Dark Green				DQ 24e
575-576	<u>Number of times (01-15)</u>	5175	741	1356	
	00 None or never	1250	402	1053	
	77 Less than once a week	990	199	374	
	88 Blank, but applicable	32	9	37	
	99 Unknown	10	5	11	
	Blank	5	1	3	
577	<u>Interval</u>				
	0 Never, number of times must be 00	1250	402	1053	
	1 Daily	949	125	209	
	2 Weekly	4226	616	1147	
	7 Less than once a week, number of times must be 77	990	199	374	
	8 Blank, but applicable	32	9	37	
	9 Unknown, number of times must be 99	10	5	11	
	Blank	5	1	3	
	Vegetables (other)				DQ 24f
578-579	<u>Number of times (01-15)</u>	5511	979	1834	
	00 None or never	1016	236	654	
	77 Less than once a week	886	126	295	
	88 Blank, but applicable	32	9	37	
	99 Unknown	12	6	11	
	Blank	5	1	3	
580	<u>Interval</u>				
	0 Never, number of times must be 00	1016	236	654	
	1 Daily	1802	331	403	
	2 Weekly	3709	648	1431	
	7 Less than once a week, number of times must be 77	886	126	295	
	8 Blank, but applicable	32	9	37	
	9 Unknown, number of times must be 99	12	6	11	
	Blank	5	1	3	
	Potatoes				DQ 24g
581-582	<u>Number of times (01-10)</u>	6467	1125	2266	
	00 None or never	240	80	170	
	77 Less than once a week	709	137	344	
	88 Blank, but applicable	33	9	37	
	99 Unknown	8	5	14	
	Blank	5	1	3	
583	<u>Interval</u>				
	0 Never, number of times must be 00	240	80	170	
	1 Daily	744	146	236	
	2 Weekly	5723	979	2030	
	7 Less than once a week, number of times must be 77	709	137	344	
	8 Blank, but applicable	33	9	37	
	9 Unknown, number of times must be 99	8	5	14	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Bananas, Plantains				DQ 24h
584-585	<u>Number of times (01-22)</u>	5111	1068	2003	
	00 None or never	969	128	315	
	77 Less than once a week	1337	146	466	
	88 Blank, but applicable	33	9	37	
	99 Unknown	7	5	10	
	Blank	5	1	3	
	<u>Interval</u>				
586	0 Never, number of times must be 00	969	128	315	
	1 Daily	1034	305	242	
	2 Weekly	4077	763	1761	
	7 Less than once a week, number of times must be 77	1337	146	466	
	8 Blank, but applicable	33	9	37	
	9 Unknown, number of times must be 99	7	5	10	
	Blank	5	1	3	
	Candy, Syrup, Jelly, Honey, Molasses				DQ 25a
587-588	<u>Number of times (01-10)</u>	4452	620	1473	
	00 None or never	1712	502	974	
	77 Less than once a week	1251	220	334	
	88 Blank, but applicable	31	9	37	
	99 Unknown	11	5	13	
	Blank	5	1	3	
	<u>Interval</u>				
589	0 Never, number of times must be 00	1712	502	974	
	1 Daily	1083	212	525	
	2 Weekly	3369	408	548	
	7 Less than once a week, number of times must be 77	1251	220	334	
	8 Blank, but applicable	31	9	37	
	9 Unknown, number of times must be 99	11	5	13	
	Blank	5	1	3	
	Sugar (added on foods and to all beverages)				DQ 25b
590-591	<u>Number of times (01-20)</u>	4560	897	1775	
	00 None or never	2306	389	856	
	77 Less than once a week	546	45	148	
	88 Blank, but applicable	31	9	37	
	99 Unknown	14	16	15	
	Blank	5	1	3	
	<u>Interval</u>				
592	0 Never, number of times must be 00	2306	389	856	
	1 Daily	2619	775	1259	
	2 Weekly	1941	122	516	
	7 Less than once a week, number of times must be 77	546	45	148	
	8 Blank, but applicable	31	19	37	
	9 Unknown, number of times must be 99	14	16	15	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Sodas (excluding diet sodas)				DQ 25c
593-594	<u>Number of times (01-15)</u>	5132	769	1848	
	00 None or never	1374	427	647	
	77 Less than once a week	907	144	282	
	88 Blank, but applicable	32	9	39	
	99 Unknown	12	7	15	
	Blank	5	1	3	
595	<u>Interval</u>				
	0 Never, number of times must be 00	1374	427	647	
	1 Daily	1919	408	871	
	2 Weekly	3213	361	977	
	7 Less than once a week, number of times must be 77	907	144	282	
	8 Blank, but applicable	32	9	39	
	9 Unknown, number of times must be 99	12	7	15	
	Blank	5	1	3	
	Cake, Cookies, Doughnuts, Pastries				DQ 26a
596-597	<u>Number of times (01-20)</u>	5176	722	1920	
	00 None or never	915	386	491	
	77 Less than once a week	1327	229	371	
	88 Blank, but applicable	32	9	37	
	99 Unknown	7	10	12	
	Blank	5	1	3	
598	<u>Interval</u>				
	0 Never, number of times must be 00	915	386	491	
	1 Daily	1039	170	575	
	2 Weekly	4137	552	1345	
	7 Less than once a week, number of times must be 77	1327	229	371	
	8 Blank, but applicable	32	9	37	
	9 Unknown, number of times must be 99	7	10	12	
	Blank	5	1	3	
	Pies, Fruit Puddings, Jello, Sherbets				DQ 26b
599-600	<u>Number of times (01-07)</u>	2702	564	952	
	00 None or never	2736	477	1287	
	77 Less than once a week	1960	297	544	
	88 Blank, but applicable	36	9	38	
	99 Unknown	23	9	10	
	Blank	5	1	3	
601	<u>Interval</u>				
	0 Never, number of times must be 00	2736	477	1287	
	1 Daily	140	78	87	
	2 Weekly	2562	486	865	
	7 Less than once a week, number of times must be 77	1960	297	544	
	8 Blank, but applicable	36	9	38	
	9 Unknown, number of times must be 99	23	9	10	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Beer				DQ 27a
602-603	<u>Number of times (01-24)</u>	1384	252	392	
	00 None or never	5323	927	2179	
	77 Less than once a week	709	163	212	
	88 Blank, but applicable	32	9	37	
	99 Unknown	9	5	11	
	Blank	5	1	3	
604	<u>Interval</u>				
	0 Never, number of times must be 00	5323	927	2179	
	1 Daily	349	61	90	
	2 Weekly	1035	191	302	
	7 Less than once a week, number of times must be 77	709	163	212	
	8 Blank, but applicable	32	9	37	
	9 Unknown, number of times must be 99	9	5	11	
	Blank	5	1	3	
	Wine, Sangria				DQ 27b
605-606	<u>Number of times (01-10)</u>	290	128	128	
	00 None or never	6554	931	2388	
	77 Less than once a week	570	283	268	
	88 Blank, but applicable	32	9	37	
	99 Unknown	11	5	10	
	Blank	5	1	3	
607	<u>Interval</u>				
	0 Never, number of times must be 00	6554	931	2388	
	1 Daily	30	8	8	
	2 Weekly	260	120	120	
	7 Less than once a week, number of times must be 77	570	283	-268	
	8 Blank, but applicable	32	9	37	
	9 Unknown, number of times must be 99	11	5	10	
	Blank	5	1	3	
	Liquor				DQ 27c
608-609	<u>Number of times (01-10)</u>	362	154	189	
	00 None or never	6246	977	2390	
	77 Less than once a week	807	209	205	
	88 Blank, but applicable	33	9	37	
	99 Unknown	9	7	10	
	Blank	5	1	3	
610	<u>Interval</u>				
	0 Never, number of times must be 00	6246	977	2390	
	1 Daily	30	34	23	
	2 Weekly	332	120	166	
	7 Less than once a week, number of times must be 77	807	209	205	
	8 Blank, but applicable	33	9	37	
	9 Unknown, number of times must be 99	9	7	10	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Decaffeinated Coffee				DQ 28a
611-612	<u>Number of times (01-20)</u>	856	206	313	
	00 None or never	6247	1075	2361	
	77 Less than once a week	273	58	106	
	88 Blank, but applicable	31	9	37	
	99 Unknown	50	8	14	
	Blank	5	1	3	
613	<u>Interval</u>				
	0 Never, number of times must be 00	6247	1075	2361	
	1 Daily	518	130	173	
	2 Weekly	338	76	140	
	7 Less than once a week, number of times must be 77	273	58	106	
	8 Blank, but applicable	31	9	37	
	9 Unknown, number of times must be 99	50	8	14	
	Blank	5	1	3	
	Coffee (excluding decaffeinated)				DQ 28b
614-615	<u>Number of times (01-60)</u>	2807	903	1438	
	00 None or never	4151	379	1199	
	77 Less than once a week	440	56	143	
	88 Blank, but applicable	31	9	37	
	99 Unknown	28	9	14	
	Blank	5	1	3	
616	<u>Interval</u>				
	0 Never, number of times must be 00	4151	379	1199	
	1 Daily	1928	772	1075	
	2 Weekly	879	131	363	
	7 Less than once a week, number of times must be 77	440	56	143	
	8 Blank, but applicable	31	9	37	
	9 Unknown, number of times must be 99	28	9	14	
	Blank	5	1	3	
	Herbal Teas				DQ 28c
617-618	<u>Number of times (01-12)</u>	727	113	231	
	00 None or never	5643	1067	2300	
	77 Less than once a week	1022	160	248	
	88 Blank, but applicable	31	9	37	
	99 Unknown	34	7	15	
	Blank	5	1	3	
619	<u>Interval</u>				
	0 Never, number of times must be 00	5643	1067	2300	
	1 Daily	168	32	65	
	2 Weekly	559	81	166	
	7 Less than once a week, number of times must be 77	1022	160	248	
	8 Blank, but applicable	31	9	37	
	9 Unknown, number of times must be 99	34	7	15	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Tea (excluding herbal)				DQ 28d
620-621	<u>Number of times (01-10)</u>	2454	180	561	
	00 None or never	3996	1023	1832	
	77 Less than once a week	961	136	388	
	88 Blank, but applicable	32	9	37	
	99 Unknown	14	8	13	
	Blank	5	1	3	
622	<u>Interval</u>				
	0 Never, number of times must be 00	3996	1023	1832	
	1 Daily	769	66	167	
	2 Weekly	1685	114	394	
	7 Less than once a week, number of times must be 77	961	136	388	
	8 Blank, but applicable	32	9	37	
	9 Unknown, number of times must be 99	14	8	13	
	Blank	5	1	3	
	Diet Sodas				DQ 28e
623-624	<u>Number of times (01-12)</u>	760	120	219	
	00 None or never	6276	1175	2462	
	77 Less than once a week	381	47	102	
	88 Blank, but applicable	31	9	37	
	99 Unknown	9	5	11	
	Blank	5	1	3	
625	<u>Interval</u>				
	0 Never, number of times must be 00	6276	1175	2462	
	1 Daily	248	50	82	
	2 Weekly	512	70	137	
	7 Less than once a week, number of times must be 77	381	47	102	
	8 Blank, but applicable	31	9	37	
	9 Unknown, number of times must be 99	9	5	11	
	Blank	5	1	3	
	Water				DQ 28f
626-627	<u>Number of times (01-50)</u>	7196	1297	2625	
	00 None or never	113	23	91	
	77 Less than once a week	65	14	53	
	88 Blank, but applicable	31	9	37	
	99 Unknown	52	13	25	
	Blank	5	1	3	
628	<u>Interval</u>				
	0 Never, number of times must be 00	113	23	91	
	1 Daily	6733	1249	2407	
	2 Weekly	463	48	218	
	7 Less than once a week, number of times must be 77	65	14	53	
	8 Blank, but applicable	31	9	37	
	9 Unknown, number of times must be 99	52	13	25	
	Blank	5	1	3	

Position	Item description and code	M	Counts C	P	Source and notes
	Potato Chips, Tortilla Chips, etc.				DQ 29
629-630	<u>Number of times (01-11)</u>	4620	542	1469	
	00 None or never	1401	507	885	
	77 Less than once a week	1397	290	429	
	88 Blank, but applicable	32	9	38	
	99 Unknown	7	8	10	
	Blank	5	1	3	
631	<u>Interval</u>				
	0 Never, number of times must be 00	1401	507	885	
	1 Daily	609	63	309	
	2 Weekly	4011	479	1160	
	7 Less than once a week, number of times must be 77	1397	290	429	
	8 Blank, but applicable	32	9	38	
	9 Unknown, number of times must be 99	7	8	10	
	Blank	5	1	3	
632-633	Cocoa or Chocolate added to drinks				DQ 30a
	<u>Number of times (01-15)</u>	2079	296	1034	
	00 None or never	4192	892	1461	
	77 Less than once a week	1142	153	287	
	88 Blank, but applicable	31	9	37	
	99 Unknown	13	6	12	
	Blank	5	1	3	
634	<u>Interval</u>				
	0 Never, number of times must be 00	4192	892	1461	
	1 Daily	425	125	393	
	2 Weekly	1654	171	641	
	7 Less than once a week, number of times must be 77	1142	153	287	
	8 Blank, but applicable	31	9	37	
	9 Unknown, number of times must be 99	13	6	12	
	Blank	5	1	3	
	Mustard, Soy Sauce, Tabasco Sauce, etc.				DQ 30b
635-636	<u>Number of times (01-10)</u>	2988	216	592	
	00 None or never	3332	985	1871	
	77 Less than once a week	1079	140	320	
	88 Blank, but applicable	31	9	38	
	99 Unknown	27	6	10	
	Blank	5	1	3	
637	<u>Interval</u>				
	0 Never, number of times must be 00	3332	985	1871	
	1 Daily	346	22	54	
	2 Weekly	2642	194	538	
	7 Less than once a week, number of times must be 77	1079	140	320	
	8 Blank, but applicable	31	9	38	
	9 Unknown, number of times must be 99	27	6	10	
	Blank	5	1	3	

Position	Item description and code	Counts			Source and notes
		M	C	P	
	Fruit Flavored Drinks				DQ 30c
638-639	<u>Number of times (01-14)</u>	4254	252	1531	
	00 None or never	2150	941	922	
	77 Less than once a week	1009	146	324	
	88 Blank, but applicable	32	9	37	
	99 Unknown	12	8	17	
	Blank	5	1	3	
640	<u>Interval</u>				
	0 Never, number of times must be 00	2150	941	922	
	1 Daily	1427	75	519	
	2 Weekly	2827	177	1012	
	7 Less than once a week, number of times must be 77	1009	146	324	
	8 Blank, but applicable	32	9	37	
	9 Unknown, number of times must be 99	12	8	17	
	Blank	5	1	3	
	Artificial Sweeteners				DQ 30d
641-642	<u>Number of times (01-25)</u>	612	101	180	
	00 None or never	6514	1220	2540	
	77 Less than once a week	216	14	61	
	88 Blank, but applicable	32	10	37	
	99 Unknown	83	11	13	
	Blank	5	1	3	
643	<u>Interval</u>				
	0 Never, number of times must be 00	6514	1220	2540	
	1 Daily	311	67	90	
	2 Weekly	301	34	90	
	7 Less than once a week, number of times must be 77	216	14	61	
	8 Blank, but applicable	32	10	37	
	9 Unknown, number of times must be 99	83	11	13	
	Blank	5	1	3	
644-648	Blank	7462	1357	2834	

Position	Item description and code	M	Counts C	P	Source and notes
SECTION M. TOTAL NUTRIENT INTAKES (POS 649-898)					
Source: Dietary Questionnaire - 24-Hour Recall					
649	24-Hour Recall Completion Code				
	1 Satisfactory	7393	1350	2798	See Note 19
	2 Unsatisfactory	40	3	12	
	3 Refusal	0	1	9	
	4 Not interviewed	12	2	13	
	5 Breast feeding child	17	1	2	
650	Is what you ate yesterday the way you usually eat?				
	1 Yes	4883	913	1808	See Note 20
	2 No	2536	439	996	
	8 Blank, but applicable	4	0	2	
	9 Unknown	9	1	3	
	Blank	30	4	25	
651	In what way was what you ate yesterday different from usual?				
	1 Ate less	652	95	275	See Note 21
	2 Ate more	249	40	117	
	3 Other	1619	304	595	
	8 Blank, but applicable	15	0	8	
	9 Unknown	14	1	6	
	Blank	4913	917	1833	
652-654	Interviewer code				
	300-302, 353-359	7459	1354	2831	
	888 Blank, but applicable	0	1	0	
	Blank	3	2	3	
655	Number of missing amounts				
	0-4, 8	7430	1353	2809	See Note 22
	Blank	32	4	25	
656	Number of missing eating occasions				
	0-4	7430	1353	2809	See Note 23
	Blank	32	4	25	
657-658	Number of foods reported				
	01-50	7430	1353	2809	See Note 24
	Blank	32	4	25	

Position	Item description and code	M	Counts C	P	Source and notes
<p>The nutrient data base for Hispanic HANES was developed for NCHS by the Human Nutrition Information Service of the USDA and can be obtained from NTIS. For information about the data base and instructions for ordering it, call USDA at 301-436-8507 and request a copy of USDA/HNIS Administrative Report No. 378.</p>					
659-666	Water Decimal not shown on tape 000020.99-015303.68 Blank	7430 32	1353 4	2809 25	See Note 25
667-674	Food energy Decimal not shown on tape 000036.51-010257.58 Kilocalories Blank	7430 32	1353 4	2809 25	
675-682	Protein Decimal not shown on tape 000000.00-000623.37 grams Blank	7430 32	1353 4	2809 25	
683-690	Total fat Decimal not shown on tape 000000.00-000471.60 grams Blank	7430 32	1353 4	2809 25	
691-698	Total saturated fatty acids Decimal not shown on tape 000000.00-000189.51 grams Blank	7430 32	1353 4	2809 25	
699-706	Total monounsaturated fatty acids Decimal not shown on tape 000000.00-000197.54 grams Blank	7430 32	1353 4	2809 25	
707-714	Total polyunsaturated fatty acids Decimal not shown on tape 000000.00-000117.50 grams Blank	7430 32	1353 4	2809 25	
715-722	Cholesterol Decimal not shown on tape 000000.00-007175.89 milligrams Blank	7430 32	1353 4	2809 25	
723-730	Carbohydrate Decimal not shown on tape 000004.33-001294.56 grams Blank	7430 32	1353 4	2809 25	
731-738	Total dietary fiber Decimal not shown on tape 000000.00-000128.28 grams Blank	7430 32	1353 4	2809 25	

Position	Item description and code	M	Counts C	P	Source and notes
739-746	Alcohol Decimal not shown on tape 000000.00-000340.70 grams Blank	7430 32	1353 4	2809 25	
747-754	Vitamin A Decimal not shown on tape 000000.00-204684.11 International Units Blank	7430 32	1353 4	2809 25	
755-762	Vitamin A Decimal not shown on tape 000000.00-060811.66 Retinol Equivalents Blank	7430 32	1353 4	2809 25	
763-770	Carotenes Decimal not shown on tape 000000.00-015805.30 Retinol Equivalents Blank	7430 32	1353 4	2809 25	
771-778	Vitamin E Decimal not shown on tape 000000.00-000308.10 Alphatocopherol Equivalents Blank	7430 32	1353 4	2809 25	
779-786	Ascorbic acid Decimal not shown on tape 000000.00-002342.60 milligrams Blank	7430 32	1353 4	2809 25	
787-794	Thiamin Decimal not shown on tape 000000.00-000011.75 milligrams Blank	7430 32	1353 4	2809 25	
795-802	Riboflavin Decimal not shown on Tape 000000.00-000024.06 milligrams Blank	7430 32	1353 4	2809 25	
803-810	Niacin Decimal not shown on tape 000000.00-000153.15 milligrams Blank	7430 32	1353 4	2809 25	
811-818	Vitamin B6 Decimal not shown on tape 000000.00-000015.22 milligrams Blank	7430 32	1353 4	2809 25	

Position	Item description and code	M	Counts C	P	Source and notes
819-826	Folacin Decimal not shown on tape 000000.00-002943.90 micrograms Blank	7430 32	1353 4	2809 25	
827-834	Vitamin B12 Decimal not shown on tape 000000.00-000631.23 micrograms Blank	7430 32	1353 4	2809 25	
835-842	Calcium Decimal not shown on tape 000001.86-009017.45 milligrams Blank	7430 32	1353 4	2809 25	
843-850	Phosphorus Decimal not shown on tape 000000.00-009831.12 milligrams Blank	7430 32	1353 4	2809 25	
851-858	Magnesium Decimal not shown on tape 000000.00-001513.10 milligrams Blank	7430 32	1353 4	2809 25	
859-866	Iron Decimal not shown on tape 000000.06-000131.09 milligrams Blank	7430 32	1353 4	2809 25	
867-874	Zinc Decimal not shown on tape 000000.02-000707.65 milligrams Blank	7430 32	1353 4	2809 25	
875-882	Copper Decimal not shown on tape 000000.01-000033.79 milligrams Blank	7430 32	1353 4	2809 25	
883-890	Sodium Decimal not shown on tape 000001.95-027201.30 milligrams Blank	7430 32	1353 4	2809 25	
891-898	Potassium Decimal not shown on tape 000001.86-018104.22 milligrams Blank	7430 32	1353 4	2809 25	
899-900	Blank	7462	1357	2834	

SECTION N. NOTES

1. Family Questionnaire Missing

A Family Questionnaire was to be completed for each eligible family in a household with sample persons. However, a few Family Questionnaires are missing. Data records for sample persons in families with missing questionnaires are flagged with a code = 1, and all family data are blank. Data records for sample persons in families with a Family Questionnaire are flagged with a code = 2.

During the Mexican-American portion of the HHANES survey, a Family Questionnaire continuation booklet containing sample person information was lost for one sample person. Therefore, the sociodemographic data for this sample person are missing. The reference person, family composition, income, residence, and household data for this person were obtained from another person in the household.

2. Examination Status

Not all sample persons consented to come to a Mobile Examination Center to participate in the examination phase of the survey. In certain rare instances (less than 0.1%), sample persons who came to the Mobile Examination Centers did not participate in sufficient components of the examination to be considered as "examined." This data field contains code = 1 for those persons who participated fully in the examination phase, and code = 2 for those who did not come to the examination center or who did not satisfactorily complete the examination.

3. Family Number

In HHANES, all household members who were related by blood, marriage, or adoption were considered to be one "family." All sample persons in the same family unit have the same computer-generated family unit code.

4. Head of FamilyRelationship of Sample Person to Head of Family (Pos. 44-45)

Each family containing sample persons has a designated "head of family," and the relationship of each sample person to the head of his or her family is coded in tape positions 44-45. The first three categories of this variable describe the "head" of three different kinds of families.

- o Code '01' identifies sample persons who lived alone (i.e., "head" of one-person families, no unrelated individuals living in the household).
- o Code '02' identifies sample persons who lived only with unrelated persons.
- o Code '03' identifies sample persons who were "heads" of families containing at least one other person (whether or not the household included additional families unrelated to the sample person).

Sociodemographic Data (Pos. 100-131)

This data tape includes some sociodemographic data about the head of each sample person's family (Section F). Because there can only be one "head" per family, the data in this section (positions 100-131) are the same for all sample persons in the same family (i.e., with the same family number codes in positions 39-43). If the sample person is the head of his or her family, the data in positions 100-131 are the same as in the corresponding positions in Section E.

5. Observed Race

"Race" was observed by the interviewer for all sample persons actually seen. Rules for classification of observed race were consistent with those used in the NHANES II and the National Health Interview Survey at that time. The categories were coded as follows:

White Includes Spanish origin persons unless they are definitely Black, Indian or other nonwhite.
Black Black or Negro.
Other Race other than White or Black, including Japanese, Chinese, American Indian, Korean, Eskimo.

6. National Origin or Ancestry

The value for national origin or ancestry is based on Item 2c in the Household Screener Questionnaire and was reported by the household respondent for all household members. In the Mexican-American portion of the survey, if "other Latin-American or other Spanish" (code 9) or "Other" (code 0) was recorded and the specified origin was "Spanish-American" or "Spanish (Spain)", a code of 10 or 11, respectively, was assigned. In all three portions of the survey, if more than one category was reported, the first appropriate "Hispanic" code, if any, was assigned (codes 1, 2, 3, 8, 10, or 11 in the Mexican-American portion; codes 6 or 7 in the Cuban-American portion; codes 4 or 5 in the Puerto Rican portion). If none of these codes was recorded, the first category entered was coded.

7. Codes for States and Foreign Countries

Code	State or Foreign Country
001	Alabama
002	Alaska
004	Arizona
005	Arkansas
006	California
008	Colorado
009	Connecticut
010	Delaware
011	District of Columbia
012	Florida
013	Georgia
015	Hawaii
016	Idaho
017	Illinois
018	Indiana
019	Iowa
020	Kansas
021	Kentucky
022	Louisiana
023	Maine
024	Maryland

Codes for States and Foreign Countries (continued)

Code	State or Foreign Country
025	Massachusetts
026	Michigan
027	Minnesota
028	Mississippi
029	Missouri
030	Montana
031	Nebraska
032	Nevada
033	New Hampshire
034	New Jersey
035	New Mexico
036	New York
037	North Carolina
038	North Dakota
039	Ohio
040	Oklahoma
041	Oregon
042	Pennsylvania
044	Rhode Island
045	South Carolina
046	South Dakota
047	Tennessee
048	Texas
049	Utah
050	Vermont
051	Virginia
053	Washington
054	West Virginia
055	Wisconsin
056	Wyoming
060	American Samoa
093	Canada
061	Canal Zone
062	Canton and Enderbury Islands
091	Central America
095	Costa Rica
063	Cuba
064	Dominican Republic
065	El Salvador
062	Enderbury Islands
087	Germany
066	Guam
068	Guatemala
069	Haiti
088	Honduras
070	Jamaica
090	Japan
067	Johnston Atoll
080	Mexico
071	Midway Islands
081	Nicaragua
096	Palestine
097	Austria
098	Lebanon
099	Chile
100	Philippines

Codes for States and Foreign Countries (continued)

Code	State or Foreign Country
101	Brazil
102	Holland
103	Colombia
082	Panama
072	Puerto Rico
092	Saudi Arabia
083	Spain
094	Taiwan
089	Turkey
084	Uruguay
085	Venezuela
073	Ryukyu Islands, Southern
074	Swan Islands
075	Trust Territories of the Pacific Islands (includes Caroline, Mariana and Marshall Island groups)
076	U. S. miscellaneous Caribbean Islands (includes Navassa Islands, Quito Sueno Bank, Roncador Cay, Serrana Bank and Serranilla Bank)
077	U. S. miscellaneous Pacific Islands (includes Kingman Reef Howland, Baker & Jarvis Islands, and Palmyra Atoll)
086	United States
078	Virgin Islands
079	Wake Island
104	Azores
105	Peru
106	England
107	Vietnam
108	Italy
109	Ecuador
110	North America
111	Surinam
112	Argentina
113	Portugal
114	Trinidad
115	Egypt
116	Sudan
117	British Honduras
118	China
888	Blank but applicable

8. National origin recode

In the HHANES, if any household member was identified as "Hispanic" (as defined below), all household members, regardless of origin, were eligible to be selected as sample persons. The national origin recode specifies whether a sample person is considered to be "Hispanic" or "not Hispanic" for purposes of analysis. "Hispanic" is defined as:

Mexican-American in the Southwest portion of the survey;
Cuban-American in the Dade County, Florida portion; or
Puerto Rican in the New York City area portion.

The recode was assigned as follows:

A. Southwest portion

- 1) If the original national origin or ancestry code on the Household Screener Questionnaire was 1, 2, 3, 8, 10, or 11, then National origin recode = 1;
- 2) If national origin or ancestry was 4, 5, 6, 7, 9, or 0 but the person specified Mexican/Mexicano, Chicano, or Mexican-American self-identification on the Adult Sample Person Questionnaire (question M10), or the person was the biological child of a household member with Recode equal to 1 (as determined by questions A-1/A-11 on the Family Questionnaire), then National origin recode = 1;
- 3) In all other cases, National origin recode = 2.

B. Dade County, Florida portion

- 1) If the original national origin or ancestry code was 6 or 7, then National origin recode = 1;
- 2) In all other cases, National origin recode = 2;

C. New York City area portion

- 1) If the original national origin or ancestry code was 4 or 5, then National origin recode = 1;
- 2) If national origin or ancestry was 1, 2, 3, 6, 7, 8, 9, or 0 but the person specified Boricuan or Puerto Rican self-identification on the Adult Sample Person Questionnaire (question M10), or the person was the biological child of a household member with Recode equal to 1 (as determined by questions A-1/A-11 on the Family Questionnaire), then National origin recode = 1;
- 3) In all other cases, National origin recode = 2;

The national origin recode may be used in analysis in one of two ways:

- a. Selecting on Recode = 1 will restrict analysis to "Hispanics" only. In this case, in the Southwest portion of the survey, the weighted estimates by age and sex will approximately equal U.S. Bureau of Census population estimates of the number of Mexican Americans and a small proportion of other Hispanics assumed to be Hispano in the five Southwest States (Arizona, California, Colorado, New Mexico, and Texas) at the midpoint of the Mexican-American portion of HHANES - March 1983. The weighted estimates of Cuban Americans represents an independent estimate of the number of Cuban Americans in Dade County at the midpoint, February 1984. The weighted estimates of Puerto Ricans represents an independent estimate of the number of Puerto Ricans in the sample counties in New York, New Jersey, and Connecticut at the midpoint of the Puerto Rican portion - September 1984.

- b. Using Recode greater than 0, that is, all sample persons, will include "Hispanic" and "not Hispanic" persons and the Southwest weighted estimates by age and sex will overestimate the U.S. Bureau of the Census population estimates of Mexican Americans and other Hispanics by about 4.5 percent. In Dade County, using recode greater than 0 will increase the weighted estimates by about 5.3 percent over that for Cuban Americans only, using recode greater than 0 for the New York area will increase the weighted estimates by about 9.2 percent over that for Puerto Ricans only.

9. Industry and Occupation Code

Family Questionnaire questions B-12 through B-15 (see page 117 or 139 of Ref. No. 1 in Section C) identified sample persons 17 years old or older who were in the labor force working for pay at a job or business or who worked without pay in a family business or farm operated by a related member of the household without receiving wages or salary for work performed.

Questions B-17 through B-22 provided a full description of sample persons' current or most recent job or business. The detail asked for in these questions was necessary to properly and accurately code each occupation and industry. Interviewers were trained to define a job as a definite arrangement for regular work for pay every week or every month. This included arrangements for either regular part-time or regular full-time work. If a sample person was absent from his or her regular job, worked at more than one job, was on layoff from a job or was looking for work during the two week reference period, interviewers were trained to use the following criteria to determine the job described:

- a. If a sample person worked at more than one job during the two week reference period or operated a farm or business and also worked for someone else, the job at which he or she worked the most hours was described. If the sample person worked the same number of hours at all jobs, the job at which he or she had been employed the longest was entered. If the sample person was employed at all jobs the same length of time, the job the sample person considered the main job was entered.
- b. If a sample person was absent from his or her regular job all of the two week reference period, but worked temporarily at another job, the job at which the sample person actually worked was described, not the job from which he or she was absent.
- c. If a sample person had a job but did not work at all during the two week reference period, the job he or she held was described.
- d. If a sample person was on layoff during the two week reference period, the job from which he or she was laid off, regardless of whether a full-time or part-time job, was described.
- e. If a sample person was looking for work or waiting to begin a new job within 30 days of the interview, the last full-time civilian job which lasted two consecutive weeks or more was described.

The 1980 census of population Alphabetical Index of Industries and Occupations was used in the coding of both industry and occupation. This book has Library of Congress Number 80-18360, and is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 for \$3.00. Its Stock Number is 003024049-2.

10. Health Insurance

- a. In the Health Insurance section of the Family Questionnaire, up to three separate health insurance plans could be reported for a family. Each sample person could have been covered by any combination of the three, or by none at all. In order to simplify the health insurance coverage data, the information on all reported plans was combined to a single variable for each sample person, i.e., whether or not the person is covered by any plan (position 74). For all persons covered by at least one plan, information on the type of coverage is then indicated: position 75 specifies whether any of the sample person's plans pays hospital expenses and position 76 specifies whether any of the sample person's plans pays doctor's or surgeon's bills.
- b. For all sample persons who were not covered by Medicare or any health insurance plan, the reasons for not being covered were ascertained. Positions 77-78 contain the main or only reason reported. For persons with one or more additional reasons, the first (lowest) code entered on the questionnaire was coded in positions 79-80.

11. Per Capita Income

Per capita income was computed by dividing the total combined family income by the number of people in the family.

12. Poverty Index

The poverty index is a ratio of two components. The numerator is the midpoint of the income bracket reported for each family in the Family Questionnaire (E-11). Respondents were asked to report total combined family income during the 12 months preceding the interview. The denominator is a poverty threshold which varied with the number of persons in the family, the adult/child composition of the family, the age of the reference person, and the month and the year in which the family was interviewed.

(Note 12 continues on next page)

Poverty thresholds published in Bureau of the Census reports* are based on calendar years and were adjusted to reflect differences caused by inflation between calendar years and 12 month income reference periods to which question E-11 referred. Average Consumer Price Indexes for all Urban consumers (CPI-U) for the calendar year for which the poverty thresholds were published (see table below) and for the 12 months representing the income reference period for the respondent were calculated. The percentage difference between these two numbers represents the inflation between these two periods and was applied to the poverty threshold appropriate for the family (based on the characteristics listed above). For example, for a family interviewed in November, 1983, the 1982 poverty threshold was updated to reflect inflation by multiplying by the percent change in the average CPI-U for the 12 month reference period, which would have been November, 1982 through October, 1983, over the calendar year January through December, 1982, in this example. To compute poverty indexes, the midpoint of the total combined family income bracket was divided by the updated poverty threshold.

Average Consumer Price Index, all Urban consumers (CPI-U),
U. S. city average, 1981-84

Month	Year			
	1981	1982	1983	1984
January	260.5	282.5	293.1	305.2
February	263.2	283.4	293.2	306.6
March	265.1	283.1	293.4	307.3
April	266.8	284.3	295.5	308.8
May	269.0	287.1	297.1	309.7
June	271.3	290.6	298.1	310.7
July	274.4	292.2	299.3	311.7
August	276.5	292.8	300.3	313.0
September	279.3	293.3	301.8	
October	279.9	294.1	302.6	
November	280.7	293.6	303.1	
December	281.5	292.4	303.5	
Average	272.4	289.1	298.4	

Source: U.S. Department of Labor, Bureau of Labor Statistics

* U.S. Bureau of the Census, Current Population Reports, Series P-60, No. 138, "Characteristics of the Population Below the Poverty Level: 1981", U.S. Government Printing Office, Washington, D.C., March 1983.

U.S. Bureau of the Census, Current Population Reports, Series P-60, No. 144, "Characteristics of the Population Below the Poverty Level: 1982", U.S. Government Printing Office, Washington, D.C., March 1984.

Members of families with incomes equal to or greater than poverty thresholds have poverty indexes equal to or greater than 1.0 and can be described as "at or above poverty"; those with incomes less than the poverty threshold have indexes less than 1.0 and can be described as "below poverty".

Poverty thresholds used were computed on a national basis only. No attempt was made to adjust these thresholds for regional, State, or other variations in the cost of living. None of the noncash public welfare benefits such as food stamp bonuses were included in the income of the low income families receiving these benefits.

13. Size of Place and SMSA

Codes for size of place and SMSA were obtained from Bureau of Census summary tape files (STF1B).

A place is a concentration of population. Most places are incorporated as cities, towns, villages or boroughs, but others are defined by the Bureau of the Census around definite residential nuclei with dense, city-type street patterns, with, ideally, at least 1,000 persons per square mile. The boundaries of Census defined places may not coincide with civil divisions.

A Standard Metropolitan Statistical Area (SMSA) is a large population nucleus and nearby communities which have a high degree of economic and social integration with that nucleus. Generally, an SMSA includes one or more central cities, all urbanized areas around the city or cities, and the remainder of the county or counties in which the urbanized areas are located. SMSAs are designated by the Office of Management and Budget.

The same place size and SMSA codes were assigned to all persons in the same segment (for the definition of segments see Ref. No. 1 in Section C). In a few cases segments were divided by place boundaries. In these cases codes were assigned after inspecting segment maps. If the segment was predominantly in one place, then the place code for that place was used. If the segment was approximately evenly divided, the code for the larger place was used.

14. Home Heating

Questions E-3 through E-6, pertaining to the main fuel and equipment used for heating the home, appear to have codes which are inconsistent. It has been verified that these are the codes that were recorded on the original document; that is, codes that appear inconsistent were not incorrectly keyed.

15. Recode of Open-ended Questions

Some of the "other" or "specify" responses to this question were recoded to existing categories, if possible. For responses that couldn't be recoded, new code categories were created if the information was deemed analytically useful. Caution should be used in interpreting the data from these new categories because there is no way of knowing which other respondents would have selected one of the new categories if given the option.

16. Instruction box for the dietary frequency

- 1) Respondent has had no diet change, recall period is the past 3 months.
- 2) Respondent's diet change is 2 months or more, recall period is the past 2-3 months.
- 3) Respondent's diet change is less than 2 months, recall period is 3 months prior to the start of the diet.

Note: This question was cross-checked with DQ4 and DQ7 for consistency.

17. Completion code

- 1 Satisfactory: used by the interviewer when the respondent gave sufficient information about foods usually eaten in each of the food group categories.
- 2 Unsatisfactory: used when the respondent could not provide information about foods usually consumed in most of the food group categories. Generally, problems occurred with the elderly, the poor, persons who were inebriated, and persons who were unable to mentally or physically complete the interview. Explanations for using this code were written on the questionnaire but were not keyed on the tape.
- 3 Refusal: used when either the respondent verbally refused to cooperate or the interviewer judged the respondent's attitude as uncooperative.
- 8 Blank but applicable: used to indicate that the food frequency was partially completed.

Blank used to indicate that the entire dietary practices and food frequency data are missing.

18. Fats and oils

Use of fats and oils in questions 21a-21h of the dietary questionnaire does not include use in cooking or baking.

19. 24-hour recall completion code

- 1 Satisfactory: used by the interviewer if in his/her opinion the respondent gave sufficient and reliable information about foods consumed during the day prior to the examination.
- 2 Unsatisfactory: used when the interviewer judged that the information from the respondent was incomplete or unreliable or the respondent started the interview but for some reason was unable to complete it. For example, if the respondent was confused, inebriated or mentally or physically unable to complete the interview, the recall was coded as unsatisfactory. These recall data are included only for accounting purposes and users are strongly encouraged to exclude these data from all analyses.
- 3 Refusal: used when the respondent refused to answer the questions or complete the recall.
- 4 Not interviewed: this code was created at NCHS if the respondent did not receive a dietary interview.

5 Breastfeeding child; this code was created at NCHS if the respondent's recall contained human milk since it was impossible to calculate total nutrient intakes. As a result, total nutrient intakes for these sample persons are blank.

20. Self-perceived usual consumption

This question addresses self-perceived usual consumption on the day of recall. Because it is a self-perception, it should be used with caution to eliminate individuals from the analytic sample.

21. How consumption on day of recall was unusual

If the respondent said that consumption on the day of recall was unusual, the interviewer was required to ask this question and record the response verbatim. There were many different ways in which the respondent could have interpreted this question. Because it is a self-perception, it should be used with caution to eliminate individuals from the analytic sample. These responses were categorized and coded at NCHS to the following:

- 1 Ate less
- 2 Ate more
- 3 Other

22. Number of missing amounts

The number of foods for each sample person for which the amount consumed was not completely recorded and the nutrient content of that food could not be calculated and added to the summed total nutrient intake for that person. Less than 0.5 percent of sample persons had one such food. Even fewer (0.27 percent) had two or more foods where amounts were missing and most of the cases with two missing amounts and all cases with more than two missing amounts had an unsatisfactory completion code. Because missing amounts occurred infrequently, total nutrient intakes were summed for persons with missing amounts. This variable is included so that users can use more restrictive exclusion criteria for their analysis if they wish.

23. Number of missing eating occasions

In order to use standardized probing for eating occasions, the interviewers were required to ask about and enter information for each sample person for four eating occasions--breakfast, lunch, between meals and dinner. This variable gives the number of times that an eating occasion was missing for each sample person and for which it is not known if the interviewer forgot to ask about an eating occasion or if the eating occasion was skipped. All recalls with missing eating occasions and satisfactory completion codes were checked and appeared to be reasonable. Because missing amounts occurred infrequently, total nutrient intakes were summed for persons with missing eating occasions. This variable is included so that users can use more restrictive exclusion criteria for their analysis if they wish.

24. Number of foods reported

The number of foods reported by each sample person. This variable can be used in conjunction with the number of missing amounts and eating occasions so that users can use more strict exclusion criteria for their analysis if they wish.

25. Nutrient Data Base

The nutrient data base for Hispanic HANES was developed for NCHS by the Human Nutrition Information Service of the USDA and can be obtained from NTIS. For information about the data base and instructions for ordering it, call USDA at 301-436-8507 and request a copy of USDA/NHIS Administrative Report No. 378.

The data base is a combination of two USDA survey nutrient data bases:

- 1) Release 2.1, used with the 1985-86 CSFII
- 2) Working version of Release 4.0, September 1990, used with the 1987-88 NFCS

Most of the food composition values come from one of the two data bases with the following additions/modifications:

- 1) Some new foods were added; mainly 20-25 Mexican American foods or mixed dishes (e.g. sopa seca, salsas, stews, cheeses).
- 2) Some recipes were revised because they better reflected ingredients, recipes and preparations used among Mexican Americans.

The decision to use data from a particular survey was made on a food-specific basis with the goal of providing the best representation of foods available during 1982-84. For instance, the data for eggs was drawn from the 1987-88 data base because better nutrient data were available due mostly to improved analytic methods. However, most of the beef data come from the 1985-86 data base since retail trimming practices reflected in the data base values were more applicable to the HHANES time frame.

