

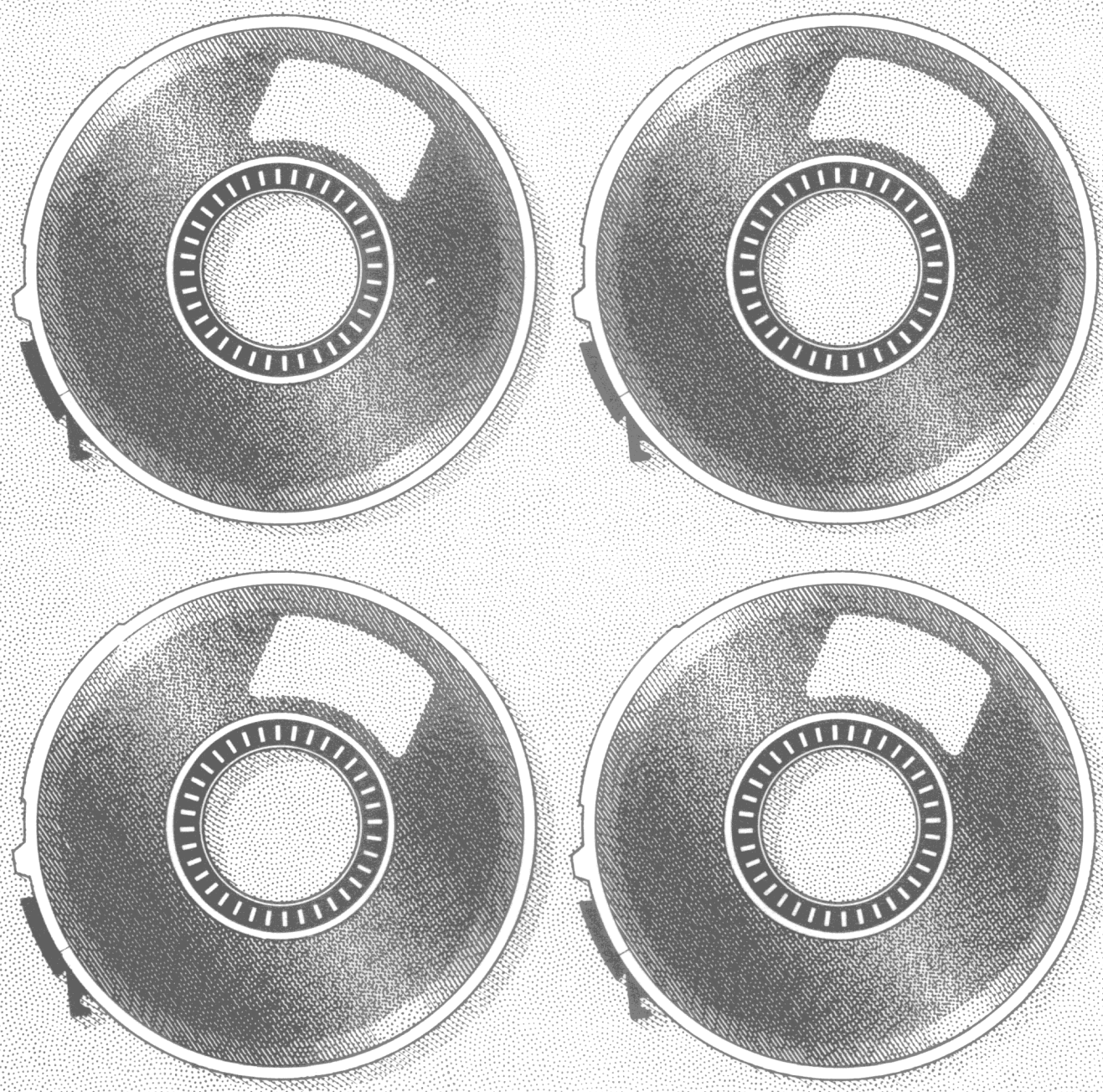


Public Use Data Tape Documentation

Gallbladder Ultrasound Data
Ages 20-74 Years
Tape Number 6504, Version 1

Hispanic Health and Nutrition Examination Survey, 1982-1984

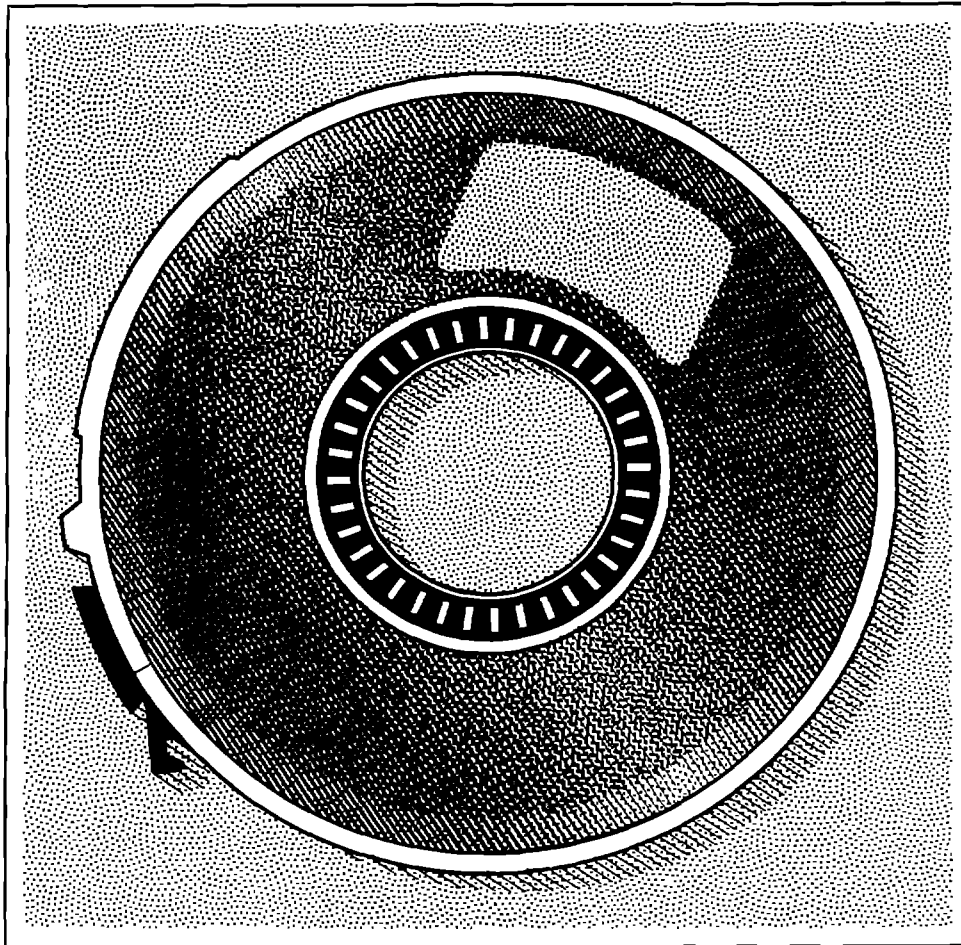
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES • Public Health Service • Centers for Disease Control • National Center for Health Statistics



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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
January 1989

Hispanic Health and Nutrition Examination Survey

Mexican Americans
Cuban Americans
Puerto Ricans

Tape Number 6504

GALLBLADDER ULTRASOUND DATA

Ages 20 Years - 74 Years

Version 1

November 1988

The Hispanic Health and Nutrition Examination Survey (HHANES) was conducted from July 1982 through December 1984. The following information shows the total number of persons ages 6 months to 74 years sampled, interviewed and examined in each of the 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

The data on the tape documented here are for all examined persons ages 20 years to 74 years

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.DU650401
Data set organization: Physical sequential
Record format: Fixed block
Record length: 560
Block size: 24080
Density: 6250 BPI
Number of records: 5815
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.
- 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.
- o For some data items, the number of sample persons with a positive response is very small. In these instances, it may not be possible to produce a reliable population estimate.

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
Center Building, Room 2-58
3700 East-West Highway
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
Center Building, Room 1-57
3700 East-West Highway
Hyattsville, MD 20782
301-436-8500

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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 or '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.

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.

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

Variable	Mean or Proportion	Tape Positions	Both Sexes	Male	Female
Ever had gallstones	p	402	1.0	1.2	1.2
Ever had surgery for gallstones	p	404	1.0	1.1	1.3
Pain in abdomen	p	423	1.1	1.2	1.0
Length of gall bladder	\bar{x}	492-494	1.3	1.2	1.0
Gallbladder exam conclusion	p	549	1.1	1.4	1.0

Source: NCHS, HHANES, 1982-84, Tape Number 6504, Version 1.

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

Variable	Mean or Proportion	Tape Positions	Both Sexes	Male	Female
Ever had gallstones	p	402	1.0	1.1	1.0
Ever had surgery for gallstones	p	404	1.0	1.0	1.0
Pain in abdomen	p	423	1.0	1.0	1.2
Length of gall bladder	\bar{x}	492-494	1.0	1.0	1.0
Gallbladder exam conclusion	p	549	1.0	1.0	1.0

Source: NCHS, HHANES, 1982-84, Tape Number 6504, Version 1.

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

Variable	Mean or Proportion	Tape Positions	Both Sexes	Male	Female
Ever had gallstones	p	402	1.0	1.0	1.3
Ever had surgery for gallstones	p	404	1.5	1.0	1.4
Pain in abdomen	p	423	1.4	1.0	1.4
Length of gall bladder	\bar{x}	492-494	1.2	1.1	1.0
Gallbladder exam conclusion	p	549	1.0	1.0	1.0

Source: NCHS, HHANES, 1982-84, Tape Number 6504, Version 1.

Suppose, for example, that of the 270 Mexican-American males: ages 45-54 years, 4 percent reported that they had been told by a doctor that they gallstones. Suppose, also, that the average maximal length of their gallbladders was 66.2 millimeters.

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,

$$V = \frac{(.04) (.96)}{270}$$

=.00014 = variance for a simple random sample

Then, multiplying by the design effect,

$$= (.00014) (1.2)$$

= .00017 = estimated variance for the complex sample

In a similar way, the complex sample variance of the mean maximal length of the gallbladder is determined by multiplying the simple random sample variance of the mean by the appropriate design effect -- in this example, 1.2.

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 Section K were collected on the Adult Sample Person Questionnaire. These interview schedules were administered in sample persons' households. 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).

Gallbladder ultrasonography and the oral glucose tolerance test were offered to every person in a randomly selected half sample of adults. Although examination sessions were conducted at all times of the day, the ultrasound examination and the oral glucose tolerance test were performed only in the morning examination sessions so that subjects could meet the fasting requirements of the study. The protocol for the oral glucose tolerance test required an overnight fast of 10-16 hours, while the protocol for gallbladder ultrasonography required a fast of at least six hours. In the Southwest and Dade County, Florida, ultrasonography was not performed on those who arrived at the Mobile Examination Centers in a nonfasting condition. However, a change in protocol was instituted in the New York City area sample of Puerto Ricans upon consultation with the study radiologists. In this Puerto Rican sample, ultrasonography was performed on those who came to the Mobile Examination Centers in a nonfasting condition. This change in protocol had no effect upon the findings of this study.

Real time ultrasonography of the gallbladder was performed by health technicians using an instrument with a 3 MHz rotary mechanical sector scanning transducer (Advanced Technology Laboratories, Bellevue, Washington). Technicians also inspected the abdomen for surgical scars.

Health technicians received training in ultrasonography of the gallbladder at the Johns Hopkins Medical Institutions. To insure that adequate examinations were performed, the technicians' performance was spot checked by a radiologist and a senior certified ultrasound technician during pilot studies and throughout the main study. Additionally, still images (Southwest) and video tapes (Dade County, Florida and the New York City area) of ultrasound examinations were reviewed by two radiologists at the Johns Hopkins Medical Institutions. All positive cases recorded on still films in the Southwest and a sample of films from those with normal gallbladders were reviewed by two radiologists, but in the other areas every available video tape of real time images (96.6 percent) was reviewed.

Examinations were conducted with persons in both supine and left decubitus positions. A diagnosis of gallstones (category 1) was made by commonly used criteria of echoes within the gallbladder with distal shadowing or movement of echoes with change in the person's position (Simeone 1981). If echoes internal to the gallbladder were seen but no shadowing or movement was detected, then it was concluded that the person probably had an irregularity of the contour of the gallbladder wall or sludge but no gallstones (category 2). If a scar in the right upper quadrant or epigastric region was not seen, and the anatomical landmarks were observed but the gallbladder was not observed or was very small or barely visible, then category 3 was recorded, suggesting agenesis of the gallbladder, congenitally small gallbladder, failure of the sample person to fast as requested or possibly an abnormally small, scarred and contracted gallbladder. If a right upper quadrant or epigastric scar was observed and the gallbladder was not seen, it was concluded that a cholecystectomy has been performed (category 4). Inadequate visualization of the biliary region (category 6) was concluded if any one of the anatomical landmarks was not observed (liver margin, portal vein at the liver hilum and the intrahepatic right portal vein). A classification of normal gallbladder (category 5) was made if none of the above criteria applied.

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 adult sample person questionnaires there are three codes for missing information: 7's, 8's, and blanks. In a few questions, 7's were used when the question was not applicable. 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.

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 interviewing and examination procedures is contained in the household interviewer's manual (Ref. No. 12) and the examination staff procedures manual (Ref. No. 13). These manuals are available upon request from:

Division of Health Examination Statistics
National Center for Health Statistics
Center Building, Room 2-58
3700 East-West Highway
Hyattsville, MD 20782
301-436-7080

SECTION C. REFERENCES

1. National Center for Health Statistics: Maurer, K. R. and others: Plan and Operation of the Hispanic Health and Nutrition Examination Survey, 1982-84. Vital and Health Statistics. Series 1, No. 19. DHHS Pub. No. (PHS) 85-1321. Public Health Service. Washington. U.S. Government Printing Office. Sept., 1985.
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12. 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.
13. National Center for Health Statistics: Instruction Manual Part 15a, Examination Staff Procedures 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	National Origin Recode
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 and 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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DIGESTIVE DISEASE HISTORY DATA (SECTION K)

402-405	Gallbladder Disease - Diagnosis and Surgery
406-422	History of Nausea or Vomiting
423-462	History of Abdominal/Lower Chest Pain
463-475	History of Other Digestive Disease Symptoms

GALLBLADDER ULTRASOUND DATA (SECTION L)

479-482	Tape Number
483	Ultrasound Data Missing
484	Language of Interview
485-487	Examiner Number
488-491	Gallbladder Visibility
492-549	Gallbladder Exam Findings
550-551	Gallbladder Exam Comments
552-554	Nausea and Pain History

Position	Item description and code	Counts			Source and notes
		M	C	P	
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	3555	-		
	10002-12238 Cuban Americans	-	907	-	
	13001-16785 Puerto Ricans	-	-	1353	
6-12	Blank	3555	907	1353	
13	Portion of survey				
	1 Mexican-American (M)	3555	-	-	
	2 Cuban-American (C)	-	907	-	
	3 Puerto Rican (P)	-	-	1353	
14	Family Questionnaire missing				
	1 Yes	10	4	5	See Note 1
	2 No	3545	903	1348	
15	Version number				
	1	3555	907	1353	
16	Examination status				
	1 Examined	3555	907	1353	See Note 2
	2 Not examined	0	0	0	
17	Language of interview (Pos. 1-400)				FQ
	1 English	2127	157	561	
	2 Spanish	1418	746	787	
	Blank	10	4	5	
18-19	Date of interview				HSQ 4
	01-12 Month	3555	907	1353	
20-21	82-84 Year	3555	907	1353	
22-23	Date of examination				
	From survey control record				
	01-12 Month	3555	907	1353	
24-25	82-84 Year	3555	907	1353	
26-27	Date of birth				HSQ 2e
	01-12 Month	3555	907	1353	
	88 Blank but applicable	0	0	0	
28-29	Year				
	08-64 Year	3555	907	1353	
	88 Blank but applicable	0	0	0	
30-31	Age at interview (computed)				
	20-74 (See next column for units)	3555	907	1353	
32	Age at interview units				HSQ 2f
	1 Years	3555	907	1353	

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	20-75 Years	3555	907	1353	
35-36	00-11 Months	3555	907	1353	
37-38	00-30 Days	3555	907	1353	
39-43	Family number 00002-03527 04005-04922 07003-08584	3555 - -	- 907 -	- - 1353	See Note 3
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)	143	56	113	
	02 Head of family, with no related persons in household (2+ persons in household)	70	23	23	
	03 Head of family, with related persons in household	1566	368	674	
	04 Wife of head (husband living at home and not in Armed Forces)	1264	297	290	
	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	277	76	126	
	09 Grandchild of head or head's spouse	7	0	3	
	10 Parent of head or head's spouse	57	35	33	
	11 Other relative (includes ex-spouse, daughter-in-law, etc.)	131	40	54	
	12 Foster child	0	0	0	
46	Sex 1 Male 2 Female	1572 1983	393 514	498 855	FQ B-4
47	Observed race 1 White 2 Black 3 Other 8 Blank but applicable 9 Not observed Blank	3446 30 6 41 22 10	870 13 2 12 6 4	1220 62 27 28 11 5	FQ B-5 See Note 5
48-49	Sample person's national origin or ancestry.				HSQ 2c See Note 6
	01 Mexican/Mexicano	940	1	1	
	02 Mexican-American	2230	0	0	
	03 Chicano	46	0	0	
	04 Puerto Rican	7	3	1202	
	05 Boricuan	0	0	15	
	06 Cuban	3	796	14	
	07 Cuban-American	0	69	0	
	08 Hispano - specify	61	10	20	
	09 Other Latin-American or other Spanish - specify	25	16	25	
	00 Other - specify	217	12	76	
	10 Spanish-American	13	0	0	
	11 Spanish (Spain)	13	0	0	

Position	Item description and code	M	Counts C	P	Source and notes
50-52	In what state or foreign country was sample person born?				FQ B-6
	001-115 State/country code	3528	900	1324	
	888 Blank but applicable	17	3	24	
	Blank	10	4	5	
53	National origin recode				See Note 8
	"Hispanic" = Mexican-American in Southwest, Cuban-American in Florida and Puerto Rican in New York City area.				
	1 "Hispanic"	3326	865	1220	
	2 Not "Hispanic"	229	42	133	
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	141	6	23	
	01-08 Elementary grade	1312	342	435	
	09-12 High school grade	1442	292	666	
	13-16 College	536	228	195	
	17 Graduate school	69	30	14	
	88 Blank but applicable	45	5	15	
	Blank	10	4	5	
56	Did sample person finish that grade/year?				FQ B-8
	1 Yes	2779	779	1055	
	2 No	580	108	236	
	8 Blank but applicable	45	10	34	
	Blank	151	10	28	
57	Is sample person now married, widowed, divorced, separated or has he or she never been married?				FQ B-9
	1 Married - spouse in household	2539	622	647	
	2 Married - spouse not in household	68	17	53	
	3 Widowed	161	50	66	
	4 Divorced	209	92	154	
	5 Separated	149	21	147	
	6 Never married	403	100	275	
	8 Blank but applicable	16	1	6	
	Blank	10	4	5	
58	Did sample person ever serve in the Armed Forces of the United States?				FQ B-11
	1 Yes	413	27	141	
	2 No	3125	874	1198	
	8 Blank but applicable	7	2	9	
	Blank	10	4	5	
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	2028	581	566	
	2 No	1507	317	767	
	8 Blank but applicable	10	5	15	
	Blank	10	4	5	

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	44	12	21	
	2 No	1462	303	743	
	8 Blank but applicable	11	7	18	
	Blank	2038	585	571	
61	Was sample person looking for work or on layoff from a job?				FQ B-14
	1 Yes	200	39	51	
	2 No	1306	276	713	
	8 Blank but applicable	11	7	18	
	Blank	2038	585	571	
62	Which, looking for work or on layoff from a job or both?				FQ B-15
	1 Looking	131	30	35	
	2 Layoff	45	6	8	
	3 Both	22	2	7	
	Blank but applicable	13	8	19	
	Blank	3344	861	1284	
63-65	What kind of business or industry does sample person work for?				FQ B-19 See Note 9
	010-932 Industry code	2238	621	628	
	990 Blank but applicable	31	10	21	
	Blank	1286	276	704	
66-68	What kind of work was sample person doing?				FQ B-20 See Note 9
	003-889 Occupation code	2240	622	628	
	999 Blank but applicable	29	9	21	
	Blank	1286	276	704	
69	Class of worker				FQ B-22
	1 An employee of a private company, business or individual for wages, salary, or commission	1742	502	501	
	2 A Federal government employee	72	6	18	
	3 A State government employee	119	18	17	
	4 A Local government employee	163	16	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	125	66	26	
	7 Working without pay in family business or farm	1	0	0	
	8 Blank but applicable	29	10	23	
	0 Never worked or never worked at a full-time civilian job lasting 2 weeks or more	1	1	1	
	Blank	1286	276	704	
70	Is sample person now covered by Medicare?				FQ C-2
	1 Covered	258	103	109	
	2 Not covered	3279	796	1234	
	8 Blank but applicable	5	3	5	
	9 Don't know	3	1	0	
	Blank	10	4	5	

Position	Item description and code	M	Counts C	P	Source and notes
71	Is sample person now covered by the part of Social Security Medicare which pays for hospital bills?				FQ C-3
	1 Yes	230	96	100	
	2 No	13	4	4	
	8 Blank but applicable	14	3	10	
	9 Don't know	6	3	0	
	Blank	3292	801	1239	
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	227	98	92	
	2 No	14	3	11	
	8 Blank but applicable	14	3	10	
	9 Don't know	8	2	1	
	Blank	3292	801	1239	
73	Type of Medicare coverage As shown on Medicare card				FQ C-5
	2 Medical	2	0	0	
	3 Card not available	3	0	1	
	4 Hospital and medical	5	3	0	
	8 Blank but applicable	14	3	10	
	Blank	3591	901	1342	
	<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	2009	556	560	
	2 No	1526	343	779	
	8 Blank but applicable	6	4	9	
	9 Don't know	4	0	0	
	Blank	10	4	5	
75	Is sample person covered by a plan that pays any part of hospital expenses?				FQ C-9
	1 Yes	1979	550	525	
	2 No	3	3	4	
	8 Blank but applicable	27	7	35	
	9 Don't know	6	0	5	
	Blank	1540	347	784	
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	1982	546	523	
	2 No	9	7	17	
	8 Blank but applicable	15	7	20	
	9 Don't know	9	0	9	
	Blank	1540	347	784	

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	79	14	289	
	02 Unemployed, or reasons related to unemployment	180	29	68	
	03 Can't obtain insurance because of poor health, illness, or age	17	2	9	
	04 Too expensive, can't afford health insurance	756	163	226	
	05 Dissatisfied with previous insurance	23	2	2	
	06 Don't believe in insurance	14	3	4	
	07 Have been healthy, not much sickness in the family, haven't needed health insurance	94	15	13	
	08 Military dependent, (CHAMPUS), Veteran's benefits	20	1	11	
	09 Some other reason - not specified	1	0	2	
	10 Some other reason - specified	112	19	37	
	88 Blank but applicable	49	23	29	
	Blank	2210	636	663	
79-80	<u>Second reason</u>				
	00 No second reason reported	1102	199	564	
	01 Care received through Medicaid or welfare	25	10	23	
	02 Unemployed, or reasons related to unemployment	46	16	12	
	03 Can't obtain insurance because of poor health, illness, or age	3	1	2	
	04 Too expensive, can't afford health insurance	81	14	56	
	05 Dissatisfied with previous insurance	8	1	2	
	06 Don't believe in insurance	7	1	1	
	07 Have been healthy, not much sickness in the family, haven't needed health insurance	21	4	3	
	08 Military dependent, (CHAMPUS), Veteran's benefits	0	0	0	
	09 Some other reason - not specified	0	0	0	
	10 Some other reason - specified	13	6	2	
	88 Blank but applicable	39	19	25	
	Blank	2210	636	663	
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	195	66	385	
	2 No	3328	832	949	
	8 Blank but applicable	22	5	14	
	9 Don't know	0	0	0	
	Blank	10	4	5	

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	198	67	403	
	2 No	3329	825	931	
	8 Blank but applicable	18	11	14	
	9 Don't know	0	0	0	
	Blank	10	4	5	
90	Status of sample person's Medicaid card?				FQ D-9
	1 Medicaid card seen - current	148	52	285	
	2 Medicaid card seen - expired	2	0	5	
	3 No card seen	43	13	103	
	4 Other card seen	0	0	0	
	5 Other card seen (specify)	3	0	1	
	8 Blank but applicable	20	13	23	
	Blank	3339	829	936	
91	Is sample person now covered by any other public assistance program that pays for health care?				FQ D-11
	1 Yes	12	2	12	
	2 No	3527	900	1331	
	8 Blank but applicable	6	1	5	
	9 Don't know	0	0	0	
	Blank	10	4	5	
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	45	2	9	
	2 No	3492	900	1335	
	8 Blank but applicable	8	1	4	
	9 Don't know	0	0	0	
	Blank	10	4	5	
93	Which does sample person receive; the Armed Forces retirement, the VA pension, or both?				FQ D-14
	1 Armed Forces	12	0	2	
	2 Veteran's Administration	24	0	5	
	3 Both	4	2	1	
	8 Blank but applicable	13	1	5	
	Blank	3502	904	1340	
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	20	2	6	
	2 No	3520	900	1340	
	8 Blank but applicable	5	1	2	
	9 Don't know	0	0	0	
	Blank	10	4	5	
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	20	1	5	
	2 No	3518	901	1336	
	8 Blank but applicable	7	1	7	
	9 Don't know	0	0	0	
	Blank	10	4	5	

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	87	15	182	
	2 No	3448	885	1153	
	8 Blank but applicable	10	2	12	
	9 Don't know	0	1	1	
	Blank	10	4	5	
97	Does sample person now receive the "Supplemental Security Income" or "SSI" gold-colored check?				FQ D-4
	1 Yes	92	43	91	
	2 No	3441	852	1247	
	8 Blank but applicable	12	8	10	
	9 Don't know	0	0	0	
	Blank	10	4	5	
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	343	20	106	
	8 Blank but applicable	29	7	30	
	Blank	3135	878	1203	
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	7	31	
	Blank	3478	898	1309	

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	3158	764	1266	
	2 Selected as sample person, interviewed on Adult Sample Person Questionnaire, but not examined	120	32	30	
	3 Selected as sample person, not interviewed, and not examined	98	21	5	
	4 Not selected as sample person	169	86	47	
	Blank	10	4	5	
101	Blank				
	Date of birth				HSQ 2e
102-103	01-12 Month	3535	902	1352	
	88 Blank but applicable	20	5	1	
104-105	00-86, 89-99 Year	3545	904	1352	
	88 Blank but applicable	10	3	1	
106-107	Age at interview 18-95 Years	3555	907	1353	
108	Blank				
109	Sex				FQ B-4
	1 Male	2939	719	768	
	2 Female	606	184	580	
	Blank	10	4	5	
110	Observed race				FQ B-5 See Note 5
	1 White	3417	862	1218	
	2 Black	35	17	67	
	3 Other	4	2	22	
	8 Blank but applicable	54	18	29	
	9 Not observed	35	4	12	
	Blank	10	4	5	
111-112	Head of family's national origin or ancestry.				HSQ 2c See Note 6
	01 Mexican/Mexicano	948	0	2	
	02 Mexican-American	2180	0	0	
	03 Chicano	46	0	0	
	04 Puerto Rican	9	5	1198	
	05 Boricuan	0	0	14	
	06 Cuban	4	801	22	
	07 Cuban-American	0	58	0	
	08 Hispano - specify	65	14	16	
	09 Other Latin-American or other Spanish - specify	24	11	16	
	00 Other - specify	254	18	85	
	10 Spanish-American	11	0	0	
	11 Spanish (Spain)	14	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	3509	393	1320	
	888 Blank but applicable	36	10	28	
	Blank	10	4	5	
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	138	4	17	
	01-08 Elementary grade	1406	350	482	
	09-12 High school grade	1323	256	630	
	13-16 College	515	236	175	
	17 Graduate school	88	41	24	
	88 Blank but applicable	75	16	20	
	Blank	10	4	5	
118	Did head of family finish that grade/year?				FQ B-8
	1 Yes	2733	788	1083	
	2 No	603	90	216	
	8 Blank but applicable	71	21	32	
	Blank	148	8	22	
119	Is the head of family now married, widowed, divorced, separated or has he or she never been married?				FQ B-9
	1 Married - spouse in household	2741	694	710	
	2 Married - spouse not in household	56	7	48	
	3 Widowed	179	41	70	
	4 Divorced	198	94	156	
	5 Separated	143	14	178	
	6 Never married	189	46	183	
	8 Blank but applicable	39	7	3	
	Blank	10	4	5	
120	Did head of family ever serve in the Armed Forces of the United States?				FQ B-11
	1 yes	780	38	239	
	2 No	2730	854	1096	
	8 Blank but applicable	35	11	13	
	Blank	10	4	5	
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	2529	661	699	
	2 No	986	230	638	
	8 Blank but applicable	30	12	11	
	Blank	10	4	5	
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	52	14	15	
	2 No	934	216	623	
	8 Blank but applicable	30	12	11	
	Blank	2539	665	704	

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	220	46	54	
	2 No	766	184	583	
	8 Blank but applicable	30	12	12	
	Blank	2539	665	704	
124	Which, looking for work or on layoff from a job or both?				FQ B-15
	1 Looking	115	31	32	
	2 Layoff	63	9	10	
	3 Both	40	3	9	
	8 Blank but applicable	32	15	15	
	Blank	3305	849	1287	
125-127	What kind of business or industry does head of family work for?				FQ B-19 See Note 9
	010-932 Industry code	2769	705	752	
	990 Blank but applicable	49	15	22	
	Blank	737	187	579	
128-130	What kind of work was head of family doing?				FQ B-20 See Note 9
	003-889 Occupation code	2771	705	750	
	999 Blank but applicable	47	15	24	
	Blank	737	187	579	
131	Class of worker				FQ B-22
	1 Employee of a private company, business or individual for wages, salary, or commission	2155	543	567	
	2 A Federal government employee	98	3	24	
	3 A State government employee	118	11	29	
	4 A Local government employee	180	19	90	
	5 Self-employed in own incorporated business or professional practice	26	19	10	
	6 Self-employed in own unincorporated business, professional practice, or farm	201	108	32	
	7 Working without pay in family business or farm	0	0	0	
	8 Blank but applicable	39	17	21	
	0 Never worked or never worked at a full-time civilian job lasting 2 weeks or more	1	0	1	
	Blank	737	187	579	

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	3555	907	1353	
134-135	Number of sample persons in family (computed) 01-13 Persons	3555	907	1353	
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	1195	361	326	
	2 Less than \$20,000	2233	526	1000	
	7 Refused information	18	1	5	
	8 Blank but applicable	99	15	17	
	Blank	10	4	5	
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	22	7	4	
	02 1,000 - 1,999	46	6	15	
	03 2,000 - 2,999	51	14	34	
	04 3,000 - 3,999	82	20	55	
	05 4,000 - 4,999	97	21	126	
	06 5,000 - 5,999	117	32	75	
	07 6,000 - 6,999	143	26	82	
	08 7,000 - 7,999	146	31	68	
	09 8,000 - 8,999	118	26	45	
	10 9,000 - 9,999	126	33	56	
	11 10,000 - 10,999	132	46	59	
	12 11,000 - 11,999	109	31	33	
	13 12,000 - 12,999	143	39	53	
	14 13,000 - 13,999	90	21	29	
	15 14,000 - 14,999	111	17	32	
	16 15,000 - 15,999	99	23	41	
	17 16,000 - 16,999	95	22	31	
	18 17,000 - 17,999	104	21	32	
	19 18,000 - 18,999	147	20	45	
	20 19,000 - 19,999	116	34	46	
	21 20,000 - 24,999	336	101	79	
	22 25,000 - 29,999	293	61	68	
	23 30,000 - 34,999	163	44	51	
	24 35,000 - 39,999	145	48	31	
	25 40,000 - 44,999	107	32	22	
	26 45,000 - 49,999	52	27	21	
	27 50,000 and over	54	34	31	
	77 Refused information	41	9	25	
	88 Blank but applicable	260	57	59	
	Blank	10	4	5	

Position.	Item description and code	Counts			Source and notes
		M	C	P	
139-143	Per capita income (computed)				See Note 11
	00083-50000 Dollars	3244	837	1264	
	88888 Blank but applicable	301	66	84	
	Blank	10	4	5	
144-146	Poverty index (computed)				See Note 12
	Decimal not shown on tape				
	0.04-9.78	3244	837	1264	
	999 Blank but applicable	301	66	84	
	Blank	10	4	5	
147	Did any member of this family receive any Government food stamps in any of the past 12 months?				FQ E-12
	1 Yes	619	149	506	
	2 No	2921	752	840	
	8 Blank but applicable	5	2	2	
	Blank	10	4	5	
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	613	149	504	
	88 Blank but applicable	11	2	4	
	Blank	2931	756	845	
150	Did this family receive any government food stamps last month?				FQ E-14
	1 Yes	502	120	481	
	2 No	116	29	25	
	8 Blank but applicable	6	2	2	
	Blank	2931	756	845	
151-152	In which month did any member of this family <u>last</u> receive food stamps?				FQ E-15
	01-12 Month	114	29	25	
	88 Blank but applicable	8	2	2	
	Blank	3433	876	1326	
153-154	For how many persons were those food stamps authorized?				FQ E-16
	01-13 Persons	614	149	505	
	88 Blank but applicable	10	2	3	
	Blank	2931	756	845	
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	585	147	499	
	888 Blank but applicable	39	4	9	
	Blank	2931	756	845	
158	Did this family spend more for food in that month than the value of your food stamps?				FQ E-18
	1 Yes	539	128	492	
	2 No	74	21	14	
	8 Blank but applicable	11	2	2	
	Blank	2931	756	845	

Position	Item description and code	Counts			Source and notes
		M	C	P	
159-161	How much more?				FQ E-19
	003-880 Dollars	501	120	482	
	888 Blank but applicable	49	10	12	
	Blank	3005	777	859	
162	Is your family receiving food stamps at the present time?				FQ E-20
	1 Yes	474	116	473	
	2 No	3061	783	869	
	8 Blank but applicable	10	4	6	
	Blank	10	4	5	

Position	Item description and code	M	Counts C	P	Source and notes
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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	484	0	1009	
	2 500,000 - 999,999	423	0	0	
	3 250,000 - 499,999	450	334	0	
	4 100,000 - 249,999	91	235	155	
	5 50,000 - 99,999	568	49	32	
	6 25,000 - 49,999	386	131	98	
	7 10,000 - 24,999	352	76	46	
	8 200 - 9,999	491	52	13	
	9 Not in a place	310	30	0	
164	Standard Metropolitan Statistical Area				See Note 13
	1 In SMSA, in central city	1771	334	1173	
	2 In SMSA, not in central city	1332	573	180	
	4 Not in SMSA	452	0	0	
165-166	Number of persons in household				HSQ 1a
	01-18 Persons	3555	907	1353	
167-168	Number of sample persons in household (computed)				
	01-13 Persons	3555	907	1353	
169-170	How many rooms are in this home? Count the kitchen, but not the bathroom.				FQ E-1
	01-14 Rooms	3541	902	1346	
	88 Blank but applicable	4	1	2	
	Blank	10	4	5	
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	3397	879	1213	
	2 No	40	7	8	
	8 Blank but applicable	108	17	127	
	Blank	10	4	5	
172-173	What is the main fuel used for heating this home?				FQ E-3 See Note 14
	00 No fuel used	214	164	5	
	01 Oil	2	0	940	
	02 Natural gas	2888	45	362	
	03 Electricity	277	682	15	
	04 Bottled gas (propane)	85	2	0	
	05 Kerosene	7	2	0	
	06 Wood	45	3	0	
	07 Coal	0	0	6	
	08 Other, not specified	0	0	1	
	09 Other, specified	6	0	2	
	88 Blank but applicable	21	5	17	
	Blank	10	4	5	

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	214	164	6	
	01 Steam or hot water with radiators or convectors	19	4	686	
	02 Central warm air furnace with ducts to individual rooms, or central heat pump	1296	340	96	
	03 Built-in electric units (permanently installed in wall, ceiling, or baseboard)	219	219	32	
	04 Floor, wall or pipeless furnace	783	30	12	
	05 Room heaters <u>with</u> flue or vent, burning oil, gas, or kerosene	403	12	301	
	06 Room heaters <u>without</u> flue or vent, burning oil, gas, or kerosene	406	4	189	
	07 Heating stove burning wood, coal or coke	37	0	2	
	08 Fireplace(s)	37	4	0	
	09 Portable electric heater(s)	68	95	2	
	10 Other, not specified	0	0	0	
	11 Other, specified	53	26	7	
	88 Blank but applicable	1	5	8	
	99 Don't know	9	0	7	
	Blank	10	4	5	
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	2877	707	1132	
	01 Steam or hot water with radiators or convectors	0	0	3	
	02 Central warm air furnace with ducts to individual rooms, or central heat pump	5	9	5	
	03 Built-in electric units (permanently installed in wall, ceiling, or baseboard)	16	0	1	
	04 Floor, wall or pipeless furnace	5	0	0	
	05 Room heaters <u>with</u> flue or vent, burning oil, gas, or kerosene	12	0	0	
	06 Room heaters <u>without</u> flue or vent, burning oil, gas, or kerosene	15	1	16	
	07 Heating stove burning wood, coal or coke	42	0	5	
	08 Fireplace(s)	239	5	4	
	09 Portable electric heater(s)	95	14	166	
	10 Other, not specified	4	1	0	
	11 Other, specified	10	1	1	
	88 Blank but applicable	15	1	9	
	Blank	224	168	11	
178-179	What is the main fuel used by this additional equipment?				FQ E-6 See Note 14
	00 No fuel used	1	0	1	
	01 Oil	0	0	9	
	02 Natural gas	51	1	10	
	03 Electricity	116	24	162	
	04 Bottled gas (propane)	6	0	1	
	05 Kerosene	2	0	14	
	06 Wood	250	5	6	
	07 Coal	2	0	0	
	08 Other, not specified	0	0	0	
	09 Other, specified	5	0	0	
	88 Blank but applicable	21	2	7	
	Blank	3101	875	1143	

Position	Item description and code	Counts			Source and notes
		M	C	P	
180-181	What is the main fuel used for cooking in this home?				FQ E-7
	00 No fuel used	10	4	2	
	01 Oil	5	0	9	
	02 Natural gas	2789	163	1236	
	03 Electricity	639	726	78	
	04 Bottled gas (propane)	85	7	7	
	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	8	1	0	
	88 Blank but applicable	9	2	13	
	Blank	10	4	5	
182	Do you have air-conditioning - either individual room units, a central system or evaporative cooling?				FQ E-8
	1 Yes	1733	829	347	
	2 No	1806	73	995	
	8 Blank but applicable	6	1	6	
	Blank	10	4	5	
183	Which do you have?				FQ E-9
	1 Individual room unit	779	411	328	
	2 Central air-conditioning	603	410	10	
	3 Evaporative cooling	349	3	4	
	8 Blank but applicable	8	6	11	
	Blank	1816	77	1000	

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	3555	-	-	
	000248-000891	-	907	-	
	000177-002000	-	-	1353	
	Blank				
190-195	Interview final weight				
	000447-002096	3555	-	-	
	000207-000578	-	907	-	
	000175-001220	-	-	1353	

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	1778	458	686	
202-207	Audiometry/vision weight				
	000870-006283	1778	-	-	
	000454-001600	-	458	-	
	000343-003123	-	-	686	
	Blank	1777	449	667	
208-213	Pesticide weight				
	000872-005584	1778	-	-	
	000454-001600	-	458	-	
	000343-003117	-	-	686	
	Blank	1777	449	667	
214-215	Strata code				
	01-08	3555	907	1353	
216-217	Pseudo PSU code				
	01-02	3555	907	1353	

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

218-401

Blank

Data not yet available.

Position	Item description and code	Counts			Source and notes
		M	C	P	

SECTION K. DIGESTIVE DISEASE HISTORY DATA (POS 402-475)

Source: Adult Sample Person Questionnaire (ASPQ)

POSITIONS 402-475 CONTAIN SELECTED INTERVIEW DATA FOR ADULTS AGES 20-74 YEARS. THIS DATA IS ALSO FOUND ON HHANES DATA TAPE NUMBER 6521 (ADOLESCENT AND ADULT HISTORY QUESTIONNAIRE).

401	Blank				
402	Has a doctor ever told you that you had gallstones?				ASPQ F-2
	1 Yes	325	77	105	
	2 No	3228	828	1246	
	8 Blank but applicable	2	2	1	
	Blank	0	0	1	
403	Have you ever had an x-ray of your gallbladder? For a gallbladder x-ray you take some pills the night before the x-ray and you are not allowed to eat anything until after having the x-ray done.				ASPQ F-3
	1 Yes	728	217	237	
	2 No	2808	688	1110	
	8 Blank but applicable	19	2	5	
	Blank	0	0	1	
404	Have you ever had surgery or an operation for gallstones or gallbladder disease?				ASPQ F-4
	1 Yes	258	53	82	
	2 No	3294	852	1269	
	8 Blank but applicable	3	2	1	
	Blank	0	0	1	
405	How long ago did you have your (last) surgery or operation for your gallbladder?				ASPQ F-5
	1 Less than 5 years ago	80	14	26	
	2 5 or more years ago	176	39	56	
	8 Blank but applicable	5	2	1	
	Blank	3294	852	1270	
406	During the past year have you had any attacks of nausea and/or vomiting lasting more than 2 hours?				ASPQ F-6
	1 Yes	187	63	104	
	2 No	3365	843	1247	
	8 Blank but applicable	3	1	1	
	Blank	0	0	1	
407-409	About how many days in the past year have you had this trouble?				ASPQ F-7 See Note 15
	001-365 Days	172	56	95	
	777 All or almost all year	1	1	1	
	888 Blank but applicable	3	2	4	
	999 Don't know	14	5	5	
	Blank	3365	843	1248	

Position	Item description and code	Counts			Source and notes
		M	C	P	
410-412	What was the longest period that this trouble lasted during the past year?				ASPQ F-8 See Note 15
	000 Less than 1 day	58	15	32	
	001-365 Days	126	47	70	
	888 Blank but applicable	6	2	3	
	Blank	3365	843	1248	
413-414	How many times in the past year did you have this trouble for 3 days or longer?				ASPQ F-9 See Note 15
	01-87 Times	71	14	39	
	88 Blank but applicable	3	1	6	
	99 Don't know	15	6	5	
	Blank	3466	886	1303	
415	In the past year, what is the longest period of time you went without having this trouble?				ASPQ F-10 See Note 15
	1 Less than 1 month	14	8	14	
	2 1 mo. through less than 3 mos.	22	9	15	
	3 3 mos. through less than 6 mos.	29	5	13	
	4 6 mos. or longer	95	37	48	
	8 Blank but applicable	6	3	3	
	9 Don't know	24	2	12	
	Blank	3365	843	1248	
416-417	How old were you the first time you had this sick feeling that lasted more than 2 hours?				ASPQ F-11
	00 Less than 1 year of age	0	0	0	
	01-74 Years of age	179	61	99	
	88 Blank but applicable	11	3	6	
	Blank	3365	843	1248	
418	Do you get this feeling while you are eating, after eating, or is it not related to eating?				ASPQ F-12
	1 While eating	7	1	9	
	2 After eating	57	25	25	
	3 Not related to eating	106	36	66	
	8 Blank but applicable	4	1	1	
	9 Don't know	16	1	4	
	Blank	3365	843	1248	
419	How long after eating do you start to feel sick?				ASPQ F-13
	1 1 hour or less	37	14	19	
	2 More than 1 hour through less than 2 hours	4	1	1	
	3 2 or more hours	16	8	5	
	8 Blank but applicable	4	1	1	
	9 Don't know	0	2	0	
	Blank	3494	881	1327	
420	Have you ever seen a doctor about this sick feeling? (This item was added to the questionnaire in January 1983, so not all persons in the Mexican-American portion were asked this.)				ASPQ F-14
	1 Yes	57	45	74	
	2 No	50	18	30	
	7 Not asked	83	0	0	
	8 Blank but applicable	0	1	1	
	Blank	3365	843	1248	

Position	Item description and code	M	Counts C	P	Source and notes
421	What did the doctor say it was? (This item was added to the questionnaire in January 1983, so not all persons in the Mexican-American portion were asked this.)				ASPQ F-15 See Note 16
	0 Gallbladder condition	7	5	4	
	1 Upper gastrointestinal condition	7	10	19	
	2 Lower gastrointestinal condition	3	1	2	
	3 Other or non-specific gastrointestinal condition	8	4	5	
	4 Cardiovascular condition	0	1	1	
	5 Stress, nerves, tension	6	1	8	
	6 Menstrual or reproductive system condition	7	0	3	
	7 Other or non-specific condition	16	18	24	
	8 Blank but applicable	3	6	9	
	9 Not asked	83	0	0	
	Blank	3415	861	1278	
422	What was the cause of this sick feeling? (This item was added to the questionnaire in January 1983, so not all persons in the Mexican-American portion were asked this.)				ASPQ F-16 See Note 16
	0 Gallbladder condition	1	0	0	
	1 Upper gastrointestinal condition	4	1	0	
	2 Lower gastrointestinal condition	0	0	0	
	3 Other or non-specific gastrointestinal condition	11	5	10	
	4 Cardiovascular condition	0	0	0	
	5 Stress, nerves, tension	3	1	0	
	6 Menstrual or reproductive system condition	1	0	0	
	7 Other or non-specific condition	8	2	8	
	8 Blank but applicable	22	10	13	
	9 Not asked	83	0	0	
	Blank	3422	888	1322	
423	During the past five years, have you had pain in your abdomen or lower chest which lasted a half hour or more?				ASPQ F-17
	1 yes	574	128	276	
	2 No	2971	774	1066	
	8 Blank but applicable	1	1	1	
	9 Don't know	9	4	9	
	Blank	0	0	1	

Position	Item description and code	M	Counts C	P	Source and notes
	Where was the pain located: (Pos. 424-432)				ASPQ F-18 See Appendix 1
424	1 Location 1 indicated	54	13	59	
	8 Blank but applicable	2	1	1	
	Blank	3499	893	1293	
425	1 Location 2 indicated	72	13	33	
	8 Blank but applicable	2	1	1	
	Blank	3481	893	1319	
426	1 Location 3 indicated	251	65	98	
	8 Blank but applicable	2	1	1	
	Blank	3302	841	1254	
427	1 Location 4 indicated	67	16	45	
	8 Blank but applicable	2	1	1	
	Blank	3486	890	1307	
428	1 Location 5 indicated	243	53	114	
	8 Blank but applicable	2	1	1	
	Blank	3310	853	1238	
429	1 Location 6 indicated	8	1	4	
	8 Blank but applicable	2	1	1	
	Blank	3545	905	1348	
430	1 Location 7 indicated	15	3	9	
	8 Blank but applicable	2	1	1	
	Blank	3538	903	1343	
431	1 Location 8 indicated	14	4	7	
	8 Blank but applicable	2	1	1	
	Blank	3539	902	1345	
432	1 Location 9 indicated	45	12	31	
	8 Blank but applicable	2	1	1	
	Blank	3508	894	1321	
433	When was the last time you had this pain?				ASPQ F-19
	1 6 months ago or less	379	83	203	
	2 Over 6 months through 1 year	59	14	33	
	3 More than 1 year ago	135	31	40	
	8 Blank but applicable	2	1	1	
	Blank	2980	778	1076	
434	How long does the pain usually last?				ASPQ F-20
	1 1 hour or less	180	35	98	
	2 More than 1 hour through 5 hours	98	22	54	
	3 More than 5 hours through 24 hours	59	13	25	
	4 More than 24 hours	97	23	53	
	8 Blank but applicable	4	3	1	
	9 Don't know	2	2	6	
	Blank	3115	809	1116	
435	While you are having the pain, is it steady or does it come in waves?				ASPQ F-21
	1 Steady	197	48	83	
	2 Comes in waves	222	45	136	
	3 Both	18	4	17	
	8 Blank but applicable	3	1	1	
	Blank	3115	809	1116	

Position	Item description and code	M	Counts C	P	Source and notes
436	When you have the pain, do you move around or do you lie still?				ASPQ F-22
	1 Move around	198	35	92	
	2 Lie still	202	46	120	
	3 Both	37	16	24	
	8 Blank but applicable	3	1	1	
	Blank	3115	809	1116	
437-438	At about what hour does the pain usually start?				ASPQ F-23
	00 No particular time	330	73	164	
	01-12 O'clock (See pos. 719 for a.m./p.m.)	90	18	53	
	88 Blank but applicable	8	3	8	
	99 Don't know	12	4	12	
	Blank	3115	809	1116	
439	AM/PM				ASPQ F-23
	0 No particular time	330	73	164	
	1 AM	43	7	19	
	2 PM	52	12	38	
	8 Blank but applicable	3	2	4	
	9 Don't know	16	4	12	
	Blank	3115	809	1116	
440	Have you ever been awakened from sleep by this pain?				ASPQ F-24
	1 Yes	245	44	146	
	2 No	190	52	87	
	8 Blank but applicable	2	1	2	
	9 Don't know	3	1	2	
	Blank	3115	809	1116	
441	Do you get this pain while you are eating, after eating, or is it not related to eating?				ASPQ F-25
	1 While eating	10	1	7	
	2 After eating	127	32	55	
	3 Not related to eating	281	63	167	
	8 Blank but applicable	2	1	1	
	9 Don't know	20	1	7	
	Blank	3115	809	1116	
442	How long after eating do you get this pain?				ASPQ F-26
	1 1 hour or less	87	22	42	
	2 More than 1 hour through 2 hours	25	4	7	
	3 More than 2 hours	13	6	5	
	8 Blank but applicable	2	1	1	
	9 Don't know	2	0	1	
	Blank	3426	874	1297	

Position	Item description and code	Counts			Source and notes
		M	C	P	
443	Do you usually feel sick to your stomach either before or after you get this pain?				ASPQ F-27
	1 Yes	197	44	104	
	2 No	220	50	117	
	8 Blank but applicable	2	1	3	
	9 Don't know	21	3	13	
	Blank	3115	809	1116	
	Within a day or two of having the pain, have you had any of the following: (Pos. 444-448)				ASPQ F-28
444	<u>Fever or chills?</u>				
	1 Yes	117	24	77	
	2 No	316	72	153	
	8 Blank but applicable	2	1	1	
	9 Don't know	5	1	6	
	Blank	3115	809	1116	
445	<u>Itching?</u>				
	1 Yes	60	9	47	
	2 No	369	87	184	
	8 Blank but applicable	2	1	1	
	9 Don't know	9	1	5	
	Blank	3115	809	1116	
446	<u>Yellow Jaundice?</u>				
	1 Yes	22	1	12	
	2 No	470	95	217	
	8 Blank but applicable	2	1	1	
	9 Don't know	9	1	7	
	Blank	3115	809	1116	
447	<u>Unusually dark-colored urine?</u>				
	1 Yes	88	18	51	
	2 No	321	73	174	
	8 Blank but applicable	2	1	2	
	9 Don't know	29	6	10	
	Blank	3115	809	1116	
448	<u>Unusually light-colored bowel movements?</u>				
	1 Yes	67	11	49	
	2 No	336	82	169	
	8 Blank but applicable	2	1	1	
	9 Don't know	35	4	18	
	Blank	3115	809	1116	
449-451	About how many days in the past year have you had this pain in the abdomen or lower chest?				ASPQ F-29 See Note 15
	001-365 Days	369	73	176	
	777 All or almost all year	9	1	3	
	888 Blank but applicable	5	4	17	
	999 Don't know	57	20	41	
	Blank	3115	809	1116	

Position	Item description and code	M	Counts C	P	Source and notes
452-454	In the past year, what was the longest period of days, weeks, or months in which you did not have this pain?				ASPQ F-30 See Note 15
	000 No time	10	3	17	
	001-365 Days, weeks, or months (See pos. 455 for units)	400	83	180	
	888 Blank but applicable	30	12	40	
	Blank	3115	809	1116	
455	Units				ASPQ F-30
	0 No time	10	3	17	
	1 Days	62	22	30	
	2 Weeks	41	7	21	
	3 Months	296	54	125	
	8 Blank but applicable	31	12	44	
	Blank	3115	809	1116	
456-457	How old were you when you had your first attack of the pain?				ASPQ F-31
	00 Less than 1 year of age	0	0	0	
	03-74 Years of age	556	126	260	
	88 Blank but applicable	19	3	17	
	Blank	2980	778	1076	
458	Have you ever seen a doctor about this pain?				ASPQ F-32
	1 Yes	399	102	208	
	2 No	173	26	67	
	8 Blank but applicable	3	1	2	
	Blank	2980	778	1076	
459	What did the doctor say it was? (This item was added to the questionnaire in January 1983, so not all persons in the Mexican-American portion were asked this.)				ASPQ F-33 See Note 16
	0 Gallbladder condition	19	9	4	
	1 Upper gastrointestinal condition	42	26	33	
	2 Lower gastrointestinal condition	18	5	17	
	3 Other or non-specific gastrointestinal condition	25	14	27	
	4 Cardiovascular condition	3	7	17	
	5 Stress, nerves, tension	9	10	8	
	6 Menstrual or reproductive system condition	12	1	15	
	7 Other or non-specific condition	65	22	81	
	8 Blank but applicable	24	9	18	
	9 Not asked	185	0	0	
	Blank	3153	804	1143	

Position	Item description and code	Counts			Source and notes
		M	C	P	
460	What was the cause of this pain? (This item was added to the questionnaire in January 1983, so not all persons in the Mexican-American portion were asked this.)				ASPQ F-34 See Note 16
	0 Gallbladder condition	1	0	0	
	1 Upper gastrointestinal condition	3	3	3	
	2 Lower gastrointestinal condition	0	0	0	
	3 Other or non-specific gastrointestinal condition	20	6	4	
	4 Cardiovascular condition	0	0	0	
	5 Stress, nerves, tension	9	1	0	
	6 Menstrual or reproductive system condition	4	0	3	
	7 Other or non-specific condition	8	2	12	
	8 Blank but applicable	53	15	47	
	9 Not asked	78	0	0	
	Blank	3379	880	1284	
461	Have you ever received an injection of medication to relieve the pain?				ASPQ F-35 See Note 17
	1 Yes	168	33	74	
	2 No	226	66	130	
	8 Blank but applicable	2	2	4	
	9 Don't know	6	2	2	
	Blank	3153	804	1143	
462	Have you ever been hospitalized for the pain?				ASPQ F-36 See Note 17
	1 Yes	142	39	66	
	2 No	257	63	141	
	8 Blank but applicable	2	1	3	
	9 Don't know	1	0	0	
	Blank	3153	804	1143	
	During the past year have you had any of the following kinds of distress after eating? (Pos. 463-468)				ASPQ F-37
463	<u>Fullness or bloating?</u>				
	1 Yes	1048	324	397	
	2 No	2499	582	950	
	8 Blank but applicable	1	1	1	
	9 Don't know	7	0	4	
	Blank	0	0	1	
464	<u>Belching?</u>				
	1 Yes	791	274	347	
	2 No	2747	625	1000	
	8 Blank but applicable	2	2	2	
	9 Don't know	15	6	3	
	Blank	0	0	1	
465	<u>Sickness to your stomach or throwing up?</u>				
	1 Yes	501	223	321	
	2 No	3036	679	1024	
	8 Blank but applicable	3	1	1	
	9 Don't know	15	4	6	
	Blank	0	0	1	
466	<u>Bitter taste in your mouth?</u>				
	1 Yes	572	210	277	
	2 No	2966	698	1065	
	8 Blank but applicable	4	1	2	
	9 Don't know	13	7	8	
	Blank	0	0	1	

Position	Item description and code	M	Counts C	P	Source and notes
467	<u>Heartburn or burning pain?</u>				
	1 Yes	1021	355	478	
	2 No	2517	549	869	
	8 Blank but applicable	2	1	2	
	9 Don't know	15	2	3	
	Blank	0	0	1	
468	<u>Stomach cramps?</u>				
	1 Yes	441	81	192	
	2 No	3098	824	1148	
	8 Blank but applicable	2	1	4	
	9 Don't know	14	1	8	
	Blank	0	0	1	
469	During the past year, how often have you had (this feeling/<u>any</u> of these feelings)?				ASPQ F-38
	1 Once or twice	241	82	166	
	2 3 or more times, but less than once per month	349	118	169	
	3 About once per month	452	113	129	
	4 Weekly or almost weekly	400	118	118	
	5 Daily or almost daily	286	92	115	
	8 Blank but applicable	43	14	16	
	Blank	1784	370	640	
	Is the distress caused by any of the following foods? (Pos. 470-474)				ASPQ F-39
470	<u>Milk?</u>				
	1 Yes	288	73	115	
	2 No	1413	434	555	
	8 Blank but applicable	12	4	7	
	9 Don't know	58	26	36	
	Blank	1784	370	640	
471	<u>Fatty foods?</u>				
	1 Yes	890	295	398	
	2 No	807	207	270	
	8 Blank but applicable	12	4	8	
	9 Don't know	62	31	37	
	Blank	1784	370	640	
472	<u>Green vegetables?</u>				
	1 yes	186	47	61	
	2 No	1539	464	610	
	8 Blank but applicable	13	4	8	
	9 Don't know	33	22	34	
	Blank	1784	370	640	
473	<u>Seafood?</u>				
	1 Yes	120	66	85	
	2 No	1601	453	591	
	8 Blank but applicable	15	4	8	
	9 Don't know	35	14	29	
	Blank	1784	370	640	
474	<u>Any other food?</u>				
	1 Yes, not specified	6	3	2	
	2 No	777	295	401	
	3 Yes, food specified	911	207	258	
	8 Blank but applicable	12	4	15	
	9 Don't know	65	28	37	
	Blank	1784	370	640	

Position	Item description and code	M	Counts C	P	Source and notes
475	How often do you have a bowel movement?				ASPQ F-40
	1 3 or more times per day	196	19	67	
	2 Twice per day	1132	147	284	
	3 Once per day	1857	618	816	
	4 Every other day	181	63	105	
	5 Less than every other day	73	44	65	
	8 Blank but applicable	21	3	12	
	9 Don't know	95	13	3	
	Blank	0	0	1	
476-478	Blank	3555	907	1353	

Position	Item description and code	Counts			Source and notes
		M	C	P	
SECTION L. GALLBLADDER ULTRASOUND DATA (POS. 479-555)					
Source: Ultrasound Examination (UE)					
479-482	Tape number 6504	3555	907	1353	
483	Ultrasound data missing				
	1 Yes	163	78	12	
	2 No	1614	371	655	
	Blank	1778	458	686	
484	Language of interview				UE 19
	1 English	1078	115	386	
	2 Spanish	533	256	267	
	8 Blank but applicable	3	0	2	
	Blank	1941	536	698	
485-487	Examiner number				UE
	101-116	1707	428	657	
	Blank	1848	479	696	
Is gallbladder visible within the examinee in the following positions?					
488	<u>Supine flat</u>				UE 5-a
	1 Yes	1397	319	610	
	2 No	100	24	44	
	3 Not done	0	0	0	
	Blank	2058	564	699	
489	<u>Left side down</u>				UE 5-b
	1 Yes	1380	314	607	
	2 No	98	25	40	
	3 Not done	4	0	2	
	8 Blank but applicable	15	4	5	
	Blank	2058	564	699	
490	<u>Upright (if necessary)</u>				UE 5-c
	1 Yes	54	9	5	
	2 No	69	15	28	
	3 Not done	1355	312	610	
	8 Blank but applicable	2058	564	699	
	Blank	19	7	11	
491	Examination direction (check) Item B				
	1 All no	97	23	40	
	2 Any yes	1400	320	614	
	Blank	2058	564	699	
DIMENSIONS--RECORD FROM A SINGLE POSITION AND ALONG THE TRUE AXIS OF GALLBLADDER (POS. 492-505)					
Maximal length					
492-494	<u>mm</u>				UE 6-a
	003-119	1375	312	583	
	888 Blank but applicable	25	8	31	
	Blank	2155	587	739	

Position	Item description and code	M	Counts C	P	Source and notes
495-496	<u>Picture number</u>				
	01-75	1354	310	536	
	88 Blank but applicable	46	10	78	
	Blank	2155	587	739	
	Maximal anterior-posterior diameter				UE 6-b
497-499	<u>mm</u>				
	005-121	1375	312	583	
	88 Blank but applicable	25	8	31	
	Blank	2155	587	739	
500-501	<u>Picture number</u>				
	02-28	1354	310	535	
	88 Blank but applicable	46	10	79	
	Blank	2155	587	739	
	Thickness of anterior wall				UE 6-c
502-503	<u>mm</u>				
	01-12	1362	309	580	
	88 Blank but applicable	38	11	34	
	Blank	2155	587	739	
504-505	<u>Picture number</u>				
	01-18	1342	306	533	
	88 Blank but applicable	58	14	81	
	Blank	2155	587	739	
506-507	Morphology: Is the gallbladder "folded"? (Usually proximal two-thirds)				UE 7-a
	00 No	1001	227	474	
	01-17 Picture number	369	85	117	
	77 Yes, no picture	14	8	21	
	88 Blank but applicable	16	0	2	
	Blank	2155	587	739	
508-509	Morphology: Does the gallbladder have a "septum"? (Usually distal one-third)				UE 7-b
	00 No	1312	302	587	
	01-13 Picture number	74	14	22	
	77 Yes, no picture	6	1	2	
	88 Blank but applicable	8	3	3	
	Blank	2155	587	739	
	Is there an area of wall contour irregularity?				UE 8
510	<u>Irregularity</u>				
	1 Definitely absent	675	162	376	
	2 Probably absent	679	151	221	
	3 Probably present	28	5	11	
	4 Definitely present	15	2	5	
	8 Blank but applicable	3	0	1	
	Blank	2155	587	739	
511-512	<u>Picture number</u>				
	01-18 Number	42	7	16	
	8 Blank but applicable	4	0	1	
	Blank	3509	900	1336	

Position	Item description and code	M	Counts C	P	Source and notes
	Are there internal echoes in the lumen?				UE 9-a
513	<u>Echoes</u>				
	1 Definitely absent	750	240	459	
	2 Probably absent	516	56	113	
	3 Probably present	31	4	5	
	4 Definitely present	99	20	37	
	8 Blank but applicable	4	0	0	
	Blank	2155	587	739	
514-515	<u>Picture number</u>				
	01-19 Number	121	21	38	
	88 Blank but applicable	13	3	4	
	Blank	3421	883	1311	
516	<u>Structures of echoes</u>				UE 9-b
	1 Solitary clump	56	13	21	
	2 Multiple clump	58	11	19	
	3 Diffuse layered	5	0	2	
	4 Diffuse non-layered	11	0	0	
	8 Blank but applicable	4	0	0	
	Blank	3421	883	1311	
	If clumps present:				UE 9-c
	Maximal diameters of each				
517-518	<u>First -- mm</u>				
	05-42	93	21	33	
	88 Blank but applicable	25	3	7	
	Blank	3437	883	1313	
519-520	<u>First - picture number</u>				
	01-19	92	21	32	
	88 Blank but applicable	26	3	8	
	Blank	3437	883	1313	
521-522	<u>Second - mm</u>				
	06-29	34	5	12	
	88 Blank but applicable	27	6	7	
	Blank	3494	896	1334	
523-524	<u>Second - picture number</u>				
	02-14	33	6	12	
	88 Blank but applicable	28	5	7	
	Blank	3494	896	1334	
525-526	<u>Third - mm</u>				
	06-19	13	3	2	
	Blank	3542	904	1351	
527-528	<u>Third - picture number</u>				
	04-16	13	3	2	
	Blank	3542	904	1351	
529	Examination direction (check) Item C.				
	1 Definitely or probably absent in both UE 8 and UE 9.	1260	295	569	
	2 Other	136	25	45	
	8 Blank but applicable	4	0	0	
	Blank	2155	587	739	

Position	Item description and code	Counts			Source and notes
		M	C	P	
	Is there movement of (wall contour irregularity/internal echoes within the lumen) with change in examinee position?				UE 10-a
530	<u>Movement</u>				
	1 Definitely absent	6	1	0	
	2 Probably absent	39	5	8	
	3 Probably present	47	5	11	
	4 Definitely present	39	13	24	
	8 Blank but applicable	9	1	2	
	Blank	3415	882	1308	
531-532	<u>Picture number</u>				
	01-18 Number	82	17	33	
	88 Blank but applicable	13	2	4	
	Blank	3460	888	1316	
533	If present, record rapidity of movement.				UE 10-b
	1 Fast (within one minute)	61	15	28	
	2 Slow (more than one minute)	21	3	5	
	8 Blank but applicable	13	1	4	
	Blank	3460	888	1316	
	Is there any shadowing originating from within the gallbladder?				UE 11
534	<u>Shadowing</u>				
	1 Definitely absent	822	254	472	
	2 Probably absent	461	42	99	
	3 Probably present	16	4	6	
	4 Definitely present	101	19	35	
	8 Blank but applicable	0	1	2	
	Blank	2155	587	739	
535-536	<u>First picture</u>				
	01-16	114	23	38	
	88 Blank but applicable	3	1	5	
	Blank	3438	883	1310	
537-538	<u>Second picture</u>				
	01-19	114	22	38	
	88 Blank but applicable	3	2	5	
	Blank	3438	883	1310	
	ATTENTION: Ultrasound examination questions 12, 13 and examination (check) item D (Pos. 539-548) apply only if the gallbladder is not visible. (All "No" in UE 5).				
539-540	Can you see liver margin on longitudinal scan, 4 cm. to right of midline?				UE 12-a
	00 No	1	1	1	
	01-10 Yes, picture number	95	22	34	
	77 Yes, no picture	1	0	5	
	Blank	3458	884	1313	
541-542	Can you see portal vein at liver hilum on transverse scan?				UE 12-b
	00 No	10	2	6	
	01-12 Yes, picture number	86	21	30	
	77 Yes, no picture	1	0	4	
	Blank	3458	884	1313	

Position	Item description and code	Counts			Source and notes
		M	C	P	
543-544	Can you see intrahepatic right portal vein?				UE 12-c
	00 No	13	2	5	
	01-12 Yes, picture number	83	21	30	
	77 Yes, no picture	1	0	5	
	Blank	3458	884	1313	
545-546	Is there any visible evidence of a right subcostal cholecystectomy scar?				UE 12-d
	00 No	7	1	4	
	01 Yes	90	22	36	
	Blank	3458	884	1313	
547	Examination direction (check) item D				
	1 "Yes" in UE 12-d (Pos. 546-547)	90	22	36	
	2 All "yes" in UE 12a-12c (Pos. 540-545)	5	0	2	
	3 Any "No" in UE 12a-12c (Pos. 540-545)	2	1	2	
	Blank	3458	884	1313	
548	Was visualization hampered by:				UE 13
	1 Obesity	1	1	2	
	2 Gas	0	0	0	
	3 Scars	0	0	0	
	4 Liver not seen or high liver	0	0	0	
	5 Other, not specified	1	0	0	
	6 Other, specified	0	0	0	
	Blank	3553	906	1351	
549	Final conclusions				UE 14
	1 Abnormal gallbladder, gallstones present	119	21	40	
	2 Abnormal gallbladder, no definite stones	16	4	4	
	3 Abnormal non-filled gallbladder	5	0	2	
	4 Probable cholecystectomy	90	22	36	
	5 Normal gallbladder	1264	295	570	
	6 Inadequate visualization of right upper quadrant	3	1	2	
	Blank	2058	564	699	
	Observations and comments about study or sample person:				
550	<u>Tenderness noted in gallbladder area during exam</u>				UE 15-a
	1 Yes	93	16	26	
	2 No	1392	323	619	
	8 Blank but applicable	12	4	9	
	Blank	2058	564	699	
551	<u>Other comments</u>				
	1 Yes	315	70	179	
	Blank but applicable	3	0	0	
	Blank	3237	837	1174	
	ATTENTION: The following three questions (Pos. 552-554) were asked of each sample person at the time of the ultrasound examination.				
552	During the past year, have you had any attacks of nausea and/or vomiting lasting more than two hours?				UE 16
	1 Yes	60	24	37	
	2 No	1433	318	616	
	8 Blank but applicable	4	1	1	
	9 Don't know	0	0	0	
	Blank	2058	564	699	

Position	Item description and code	M	Counts C	P	Source and notes
553	During the past five years, have you had pain in this area (gallbladder area) which lasted a half hour or more?				UE 17
	1 Yes	109	33	87	
	2 No	1383	310	564	
	8 Blank but applicable	3	0	0	
	9 Don't know	2	0	3	
	Blank	2058	564	699	
554	Do you usually feel sick to your stomach either before or after you get this pain?				UE 18
	1 Yes	56	12	49	
	2 No	48	19	38	
	8 Blank but applicable	7	2	0	
	9 Don't know	1	0	0	
	Blank	3443	874	1266	
555-560	Blank	3555	907	1353	

SECTION M. 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 Family

Relationship 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 residing in selected counties of Texas, Colorado, New Mexico, Arizona, and California;
 Cuban-American, residing in Dade County (Miami), Florida; or
 Puerto Rican, residing in the New York City area, including parts of New Jersey and Connecticut.

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. Illogical or extreme values

The responses for some sample persons for this variable may appear extreme, illogical, or inconsistent with responses in other variables. The data entry was verified through direct review of the collection form or a copy of it. These responses may not represent fact but they are included as they were recorded. The user must determine if these responses should be included in analyses.

16. Nausea and pain

For both persistent nausea (questions F15-16) and abdominal pain (questions F33-34), persons who had seen a doctor for their problem were asked to report what the doctor called it, and persons who did not see a doctor were asked simply what the cause of the problem was. For all four of these variables, responses were coded into the following categories:

- 0 Gallbladder condition - includes mention of gallstones, cholecystectomy, or other gallbladder problem.
- 1 Upper gastrointestinal condition - includes any condition or distress specifically involving the esophagus, stomach, or duodenum; includes heartburn and other symptoms generally confined to the upper gastrointestinal tract.
- 2 Lower gastrointestinal condition - includes conditions involving the colon or rectum, including cancer, irritable or inflamed colon.
- 3 Other or nonspecific gastrointestinal condition - includes liver conditions, ulcer or hernia when the site was not specified, nonspecific indigestion, indigestion resulting from specified foods.
- 4 Cardiovascular condition - includes heart attack, angina, hypertension, or other mention of heart trouble.
- 5 Stress, nerves, tension
- 6 Menstrual or reproductive system condition - includes periods or menstrual cramps; any specified medical condition of ovaries, fallopian tubes, uterus, or vagina; pain or nausea related to pregnancy, childbirth, or abortion.
- 7 Other or nonspecific condition - includes conditions of other body systems, including respiratory conditions, kidney or bladder conditions, or musculoskeletal conditions, as well as vague symptoms not classified elsewhere; also includes responses such as "nothing" or "doctor not sure," and multiple entries.
- 8 Blank but applicable - indicates the question was erroneously omitted or an unintelligible entry or a response of "don't know" was recorded.
- 9 Not asked - These questions were added in the second printing of the questionnaire, which went into the field midway through the Mexican-American portion of the survey. Hence, for persons interviewed in the first half of that portion, if their answers to preceding questions dictated that these items should have been asked, a code '9' was inserted.

17. Hospitalization or medication for abdominal pain

Questions F35 and F36, on hospitalization or medication for the abdominal pain, were not asked for persons who reported in question F32 not having seen a doctor.

APPENDIX 1 - CHEST DIAGRAM

Chart for Section ASPQ-F — DIGESTIVE DISEASE

