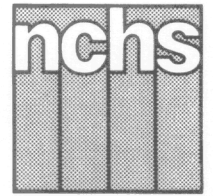


NATIONAL CENTER FOR  
HEALTH STATISTICS



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# Public Use

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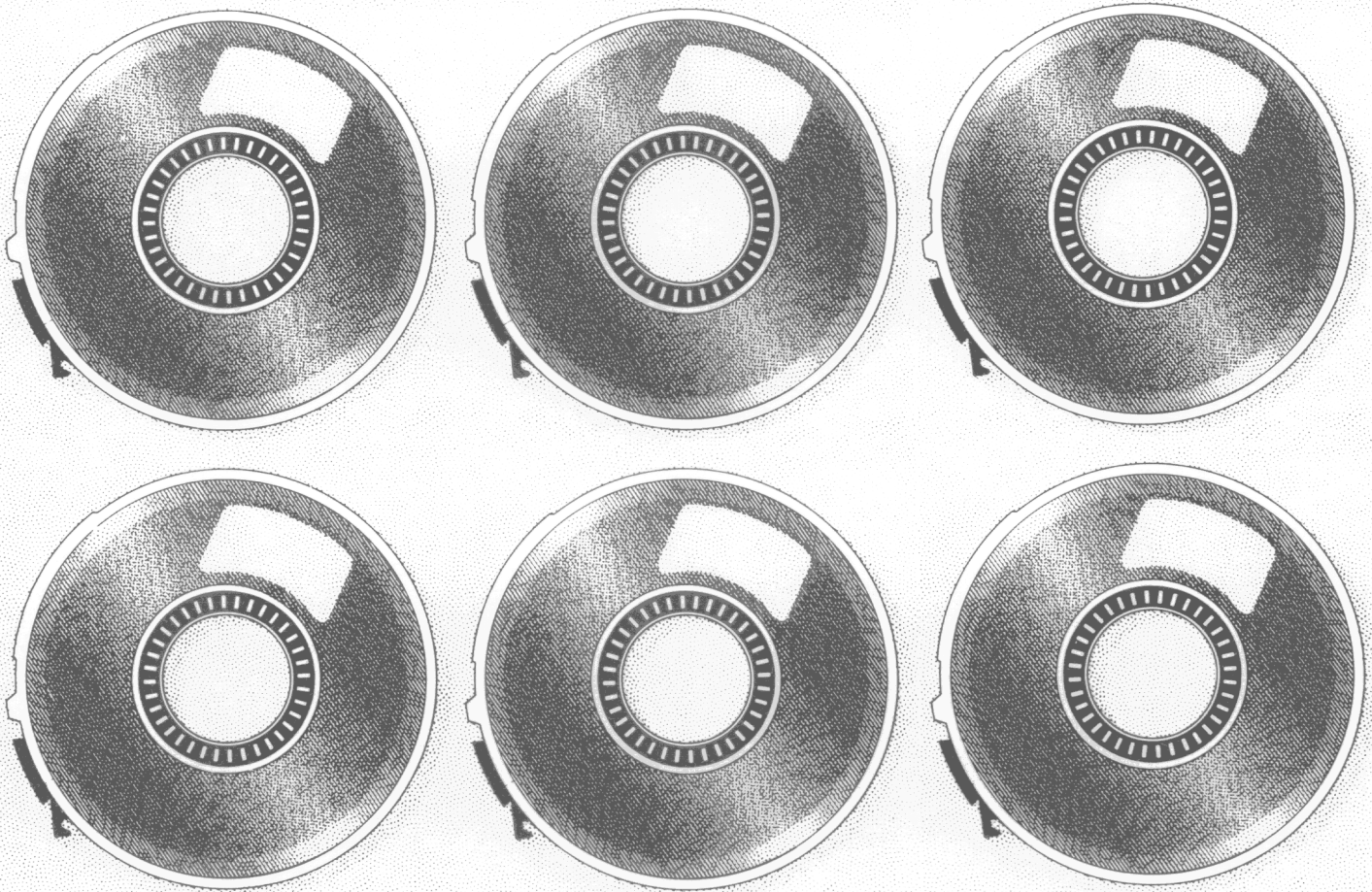
# Data Tape

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# Documentation

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Behavior Questionnaire, Ages 25-74 Years  
Tape Number 5317  
National Health and Nutrition Examination Survey, 1976-80



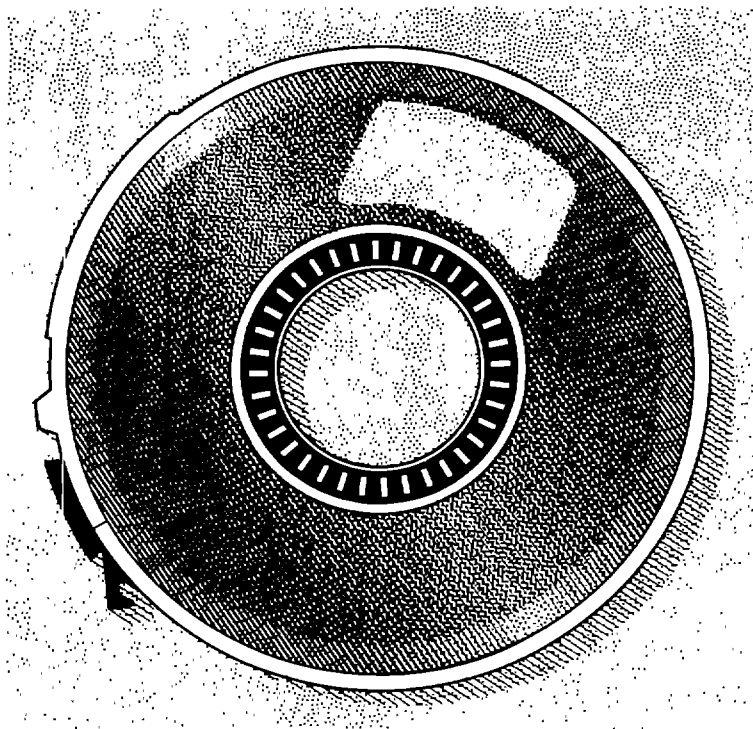
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# Public Use Data Tape Documentation

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Behavior Questionnaire, Ages 25-74 Years  
Tape Number 5317

National Health and Nutrition Examination Survey, 1976-80



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

Hyattsville, Maryland  
May 1990

BEHAVIOR QUESTIONNAIRE, NHANES II

Documentation for Public Use Data Tape

Catalog Number 5317

Behavior Questionnaire Ages 25-74 Years

This data tape contains demographic data and behavior questionnaire data for persons 25 through 74 years of age examined in the second National Health and Nutrition Examination Survey (NHANES II), conducted in 1976-1980 by the National Center for Health Statistics, U.S. Public Health Service.

NCHS PUBLIC USE TAPES

Public use data tapes from the National Center for Health Statistics (NCHS) for all NHANES II components will be released as soon as the data have been compiled and documented. NHANES II data tapes are available for purchase from:

National Technical Information Service (NTIS)  
5285 Port Royal Road  
Springfield, Virginia 22161

(703) 487-4650

A list of NCHS public use data tapes that can be purchased from NTIS can be obtained from:

Scientific and Technical Information Branch  
National Center for Health Statistics  
Center Building, Room 1-57  
3700 East-West Highway  
Hyattsville, Maryland 20782

(301) 436-8500

## USE OF NCHS DATA TAPES

The National Center for Health Statistics requests the cooperation of recipients of data tapes in certain actions related to their use.

Any publication based on the data should acknowledge NCHS as the original source. It should include a disclaimer which credits the authors for any analyses, interpretations, or conclusions, and not NCHS, which is responsible only for the data.

Users who wish to publish a technical description of the data should make a reasonable effort to insure that the description is consistent with that published by NCHS. This does not mean, however, that NCHS will review such descriptions.

NCHS would appreciate receiving reprints of journal articles or other publications based upon findings from the NHANES II survey. Please send them to the address below.

The data tapes have been carefully edited. Some of the continuous data items have extremely high or low values. It has been verified that the values appear that way on the original interview documents; that is, it has been verified that the values have not resulted from incorrect keypunching. Within each data tape numerous consistency checks have been performed. However, due to the large volume of data collected in the survey, it is likely that a small number of errors or discrepancies remain undetected. NCHS would like to be informed if any such errors are detected so that errata sheets can be issued to previous purchasers and corrections made to a new data tape, if appropriate. Please contact:

Division of Health Examination Statistics  
National Center for Health Statistics  
Center Building, Room 2-58  
3700 East-West Highway  
Hyattsville, Maryland 20782  
(301) 436-7068

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## I. NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES II)

### A. HISTORY AND SCOPE

1. Description of Survey: NHANES II was one of a series of population based surveys conducted by the National Center for Health Statistics to help determine the health status of the Nation. Data were collected through response to questionnaires on medical history, food consumption, and health-related behavior. Data also were collected through direct medical examination. The tape documented here contains demographic data and behavior questionnaire data from the survey for persons 25 through 74 years of age. A detailed description of the design, content, questionnaires, and operation of NHANES II is provided in the following report: Plan and Operation of the Second National Health and Nutrition Examination Survey, 1976-1980, DHHS Pub. No. (PHS) 81-1317, Vital and Health Statistics Series 1, No. 15, Public Health Service, available at cost from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The stock number is 017-022-00752-5. One copy is provided with the documentation herein, and a general summary of the data collection techniques and content is given in the Appendix.
  
2. Target Population: NHANES II was conducted on a nationwide probability sample of approximately 28,000 persons 6 months through 74 years of age from the civilian, noninstitutionalized population of the United States. The survey started in February 1976 and was completed in February 1980. The NHANES II sample was selected so that certain population groups thought to be at high risk of malnutrition (persons with low incomes, preschool children, and the elderly) were oversampled. Adjusted sampling weights were then computed for 76 age, sex, and race categories to inflate the sample in such a manner as to closely reflect the estimated civilian, noninstitutionalized U.S. population 6 months through 74 years of age at the midpoint of the survey (March 1, 1978).

## B. SAMPLE DESIGN AND RECOMMENDATIONS FOR ANALYSIS

NHANES II uses a multistage sample designed to represent the civilian, noninstitutionalized population of the United States, 6 months through 74 years of age. Since the sample is not a simple random one and certain population groups were oversampled, it is necessary to incorporate the person's sample weight for proper analysis of the data. The sample weight is a composite of the individual selection probability, adjustments for nonresponse, and poststratification adjustments.

NHANES II provides information on 20,322 individuals who were both interviewed and examined, and on another 4,964 individuals who were interviewed but not examined, in the age range 6 months through 74 years of age. In addition to the general examination components, several more detailed examinations were performed on subsamples of the population. Therefore, instead of there being one sample weight per person, there are several sample weights for each person. For a person not selected for a particular subsample, the associated subsample weight is zero. When analyzing the special subsamples, the analyst must be careful to select the appropriate sampling weight from the weights found in tape locations 282-317. For a more complete description of how the sample weights are calculated, see the detailed note section of this documentation. This file contains data on all 10,450 examined persons 25 through 74 years of age.

The NHANES II data were collected using a complex sample design involving both clustering and stratification. Because of the complex design and the ratio adjustments applied to the sample weights, the direct application of standard statistical analysis methods for variance estimation and hypothesis testing may be very misleading. The modification of statistical analysis procedures to incorporate the effects of complex survey designs is an important area of research;



however, the current methodologies appropriate for the analysis of data from such surveys have not been made readily available in the standard packaged statistical software.

There are computer programs available which provide the capability of variance estimation for complex sample designs. The balanced repeated replication approach <sup>1</sup> is utilized in &REPERR &PSALMS to calculate the variance-covariance matrix. Both routines are available within the OSIRIS IV library.<sup>2</sup> SURREGR<sup>3</sup> and SUPERCARP<sup>4</sup> are programs that calculate the variance-covariance matrix using the linearization approach <sup>5</sup> (Taylor series expansion). Another program, SESUDAAN,<sup>6</sup> calculates variances and design effects. SURREGR and SESUDAAN are special procedures for the SAS package, which is available from SAS Institute, Box 8000, Carey, N.C., 27511.

In order to provide the user with the capability of estimating the complex sample variances in the NHANES II data using the above procedures, Strata and Pseudo Primary Sampling Unit (PSU) codes have been provided on all data tapes in positions 324-326. These variables and the sample weights are necessary for the calculation of variances.

Even though the overall number of examined persons in this survey is quite large for statistical inference purposes, subclass analyses can lead to estimators that are unstable, particularly estimates of variances. Consequently, analyses of subclasses require that the user pay particular attention to the coefficient of variation for the estimates of means, proportions and totals. In addition, small sample sizes, or a small number of PSU's used in the variance calculations, may produce unstable estimates of the variances using the above computer programs.

An NCHS publication discusses these issues and describes analytic strategies for examining various hypotheses for the first National Health and Nutrition Examination Survey (NHANES I), which used a similar type of complex sample design.<sup>7</sup>

II. Behavior Questionnaire, AGES 25-74 YEARS

A. DESCRIPTION

This data tape contains demographic data and Behavior Questionnaire data for all examined persons 25 through 74 years of age.

B. DEMOGRAPHIC DATA COLLECTION

An advance letter, announcing the forthcoming arrival of an interviewer from the U.S. Bureau of the Census, was mailed to each household that fell into the NHANES II probability sample. The interviewer subsequently visited the household to ascertain its composition, select the sample person(s), and administer demographic and medical history questionnaires. Demographic information relating to the household, the housing unit, and each sample person 6 through 11 years of age was obtained from an available and competent household respondent. (In contrast, the preferred respondent for the medical information for persons 12 through 74 years of age was the actual sample person, with proxy response accepted when the sample person was not available.)

C. BEHAVIOR QUESTIONNAIRE DATA COLLECTION

Tape users are referred to NCHS publications of data collection manuals, part 15a (8) and the complete operational manual for NHANES II (9).

III. TAPE CHARACTERISTICS AND DESCRIPTION

A. TAPE CHARACTERISTICS

Title: Behavior Questionnaire, Ages 25-74 Years  
Catalog Number: 5317  
Data Set Name: HEHANES2.DU531701  
Record Length: 450  
Blocksize: 22,500  
  
Number of Records: 10,450  
Number of Reels: 1  
Recording Mode: Fixed Block, EBCDIC  
Channel: 9 Track  
Created by: Division of Health Examination Statistics  
National Center for Health Statistics  
Hyattsville, Maryland

B. INDEX TO TAPE POSITIONS

<u>1. Demographic Section</u>	<u>Tape Positions</u>
<u>a. Residence Data</u>	
Sample Sequence Number.....	1- 5
Catalog Number (5371-for Demographic Data only).....	6- 9
Unused position.....	10
Size of place.....	11
SMSA-not SMSA.....	12
Unused positions.....	13-23
Type of living quarters.....	24
Land usage.....	25
If rural, asked does this place have 10 acres or more?.....	26
If 10 acres or more, asked if in the past 12 months did sales of farm products and live stock amount to \$50 or more?.....	27
If less than 10 acres, asked if in the past 12 months did sales of farm products and live stock amount to \$250 or more?.....	28
Unused position.....	29
Total number of persons in household.....	30-31
Total number of sample persons in family.....	32-33
 <u>b. Sample Person Data</u>	
Unused position.....	34
Family relationship.....	35
Examination status.....	36
Family unit sequence number.....	37-41
Unused positions.....	42-46
Age-years (at interview).....	47-48
Unused positions.....	49-50
Date of birth-month.....	51-52
Date of birth-year.....	53-54
Sex.....	55
Race.....	56
In what State was he/she born?.....	57-58
Is he/she now married, widowed, divorced, separated or never married?.....	59
National origin or ancestry.....	60-61
Education level.....	62-63
Grade completed.....	64
What was he/she doing during most of the past 12 months?.....	65
What was he/she doing?.....	66
Did he/she work at a job or business at any time during the past three months?.....	67
When he/she was working, did he/she usually work full time or part time?.....	68

1. Demographic Section (Cont.)

b. Sample Person Data (Cont.)

Tape Positions

Did he/she work at any time last week or the week before not counting work around the house?.....	69
Even though he/she did not work during that time, does he/she have a job or business?.....	70
Was he/she looking for work or on layoff from a job?.....	71
Which - looking for work or on layoff from a job?.....	72
What kind of industry or business is this?.....	73-75
What kind of work was he/she doing?.....	76-78
Was he/she in private company or business or working for individual for wages, salary or commission?.....	79
Did he/she ever serve in the armed forces of the U.S.?.....	80
When did he/she serve?.....	81
Unused positions.....	82-90

c. Household Data

How many rooms are in this.....? Count the kitchen, but not the bathroom.....	91
How many bedrooms are in this.....?	92
Do you have complete kitchen facilities in your living quarters, that is, a kitchen sink with piped water, a refrigerator and a range or cookstove? (Asked only of unrelated household members.).....	93
Do you (have/have access to) complete kitchen facilities in this house, that is, a kitchen sink with piped water, a refrigerator and a range or cookstove?.....	94
Do you (have/have access to) a range or cookstove?.....	95
Do you (have/have access to) a refrigerator?.....	96
Do you (have/have access to) a sink with piped water?.....	97
Is there piped water in this house (these living quarters)?.....	98
Is there both hot and cold water?.....	99
Are these kitchen facilities used by anyone not living in this household?.....	100
What is the main type of heating system you have?.....	101-102
Do you have air conditioning?.....	103
How many motor vehicles are owned or regularly used for transportation by members of your family?.....	104
Is any language other than English spoken by family members living here?.....	105
What language(s)?.....	106
Which of these income groups represents your total combined family income for the past 12 months?.....	107-108

1. Demographic Section (Cont.)

c. Household Data (Cont.)

Tape Positions

During the past 12 months, how much money did you and all members of your family receive in wages or salaries before deductions (under \$7,000 only)?.....	109-112
Social security or railroad retirement?.....	113
Unused position.....	114
If yes, how much?.....	115-118
Welfare payments or other public assistance?.....	119
Unused position.....	120
If yes, how much?.....	121-124
Unemployment compensation or workmen's compensation?.....	125
Unused position.....	126
If yes, how much?.....	127-130
Government employee pension or private pensions?.....	131
Unused position.....	132
If yes, how much?.....	133-136
Dividends, interest or rent?.....	137
Unused position.....	138
If yes, how much?.....	139-142
Net income from their own business (nonfarm), professional practice, or partnership?.....	143
Unused position.....	144
If yes, how much?.....	145-148
Net income from a farm?.....	149
Unused position.....	150
If yes, how much?.....	151-154
Veteran's payments?.....	155
Unused position.....	156
If yes, how much?.....	157-160
Alimony, child support contributions from persons not living in household?.....	161
Unused position.....	162
If yes, how much?.....	163-166
Any other income?.....	167
Unused position.....	168
If yes, how much?.....	169-172
Total amount.....	173-176
Check Item B.....	177
Are you certified to participate in the food stamp program?.....	178
Are you buying food stamps now?.....	179
What is the main reason you aren't participating in the program?.....	180
Are you certified for the commodity distribution program?....	181

1. Demographic Section (Cont.)

c. Household Data (Cont.)

Tape Positions

Are you receiving commodity foods now for your family?.....	182
Why aren't you participating in the program?.....	183
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Unused positions.....	213-246

d. Head of Household Data

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Unused positions.....	249-250
Date of birth-month.....	251-252
Date of birth-year.....	253-254
Sex.....	255
Race.....	256
In what State was he/she born?.....	257-258
Is he/she now married, widowed, divorced, separated or never married?.....	259
National origin or ancestry?.....	260-261
Education level.....	262-263
Grade completed.....	264
What was he/she doing most of the past 12 months?.....	265
What was he/she doing?.....	266
Did he/she work at a job or business during the past three months?.....	267
When he/she work was working, did he/she usually work full or part time?.....	268
Did he/she work at any time last week before not counting work around the house?..	269
Even though he/she did not work during that time does he/she have a job or business?.....	270
Was he/she looking for work or on layoff from a job?.....	271
Which - looking for work or on layoff from a job?.....	272
Type of industry or business.....	273-275
What kind of work was he/she doing?.....	276-278
Was he/she an employee of a private company, business, or individual for wages, salary or commission?.....	279
Did he/she ever serve in the armed forces of the U.S.?.....	280
When did he/she serve?.....	281

<u>2. Sample Weight Section</u>	<u>Tape Positions</u>
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Medical history interview final weight.....	288-293
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Lead final examined weight.....	300-305
Carboxyhemoglobin final examined weight.....	306-311
Bile acids final examined weight.....	312-317
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Strata.....	324-325
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Jenkins Activity Survey data.....	412-430
Other activity data.....	431-439
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Moderate or strenuous activity.....	441-443
Unused positions.....	444-450



C. USE OF SPECIAL TERMS

For demographic data, the term "blank but applicable," is used to indicate a data item that was to have a response for a sample person but for which no usable data were provided. This includes unanswered data fields, as well as those containing impossible entries: i.e., out-of-range or inconsistent with other entries. The term "blank" refers to data items where the sample person was not supposed to respond to the question.

The notation "see detailed note" is intended to refer the user to the section Detailed Notes. In this section, a comprehensive description of the field is given.

D. TAPE DESCRIPTION

1. DEMOGRAPHIC DATA

-----	-----
TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS
-----	-----

a. RESIDENCE DATA IN POSITIONS 001-034

POS. 001-005	SAMPLE SEQUENCE NUMBER	
	00058-27796.....	10,450
POS. 006-009	CATALOG NUMBER	
	5371.....	10,450
POS. 010	UNUSED POSITION	
POS. 011	SIZE OF PLACE (SEE DETAILED NOTE)	
	1=URBANIZED AREA WITH 3,000,000 OR MORE.....	1,328
	2=URBANIZED AREA 1,000,000 TO 2,999,999.....	1,347
	3=URBANIZED AREA WITH 250,000 TO 999,999.....	1,260
	4=URBANIZED AREA UNDER 250,000.....	918
	5=URBAN PLACE 25,000 OR MORE OUTSIDE URBANIZED AREA.....	427
	6=URBAN PLACE 10,000-24,999 OUTSIDE URBANIZED AREA.....	441
	7=URBAN PLACE 2,500-9,999 OUTSIDE URBANIZED AREA.....	866
	8=RURAL.....	3,863
POS. 012	SMSA-NOT SMSA (SEE DETAILED NOTE)	
	1=IN SMSA, IN CENTRAL CITY.....	2,852
	2=IN SMSA, NOT IN CENTRAL CITY.....	2,890
	4=NOT IN SMSA.....	4,708
POS. 013-023	UNUSED POSITIONS	

TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS
POS. 024 TYPE OF LIVING QUARTERS (QUES. 7)	
1=HOUSING UNIT.....	10,419
2=OTHER UNIT.....	31
POS. 025 LAND USAGE (QUES. 9)	
1=URBAN.....	6,597
2=RURAL.....	3,853
POS. 026 IF RURAL, ASKED DOES THIS PLACE HAVE 10 ACRES OR MORE? (QUES. 11A)	
1=YES.....	896
2=NO.....	2,957
9=NOT APPLICABLE.....	6,597
POS. 027 IF 10 ACRES OR MORE, ASKED IF IN THE PAST 12 MONTHS DID SALES OF FARM PRODUCTS AND LIVE STOCK AMOUNT TO \$50 OR MORE? (QUES. 11B)	
1=YES.....	531
2=NO.....	365
9=NOT APPLICABLE.....	9,554
POS. 028 IF LESS THAN 10 ACRES, ASKED IF IN THE PAST 12 MONTHS DID SALES OF FARM PRODUCTS AND LIVE STOCK AMOUNT TO \$250 OR MORE? (QUES. 11C)	
1=YES.....	103
2=NO.....	2,854
9=NOT APPLICABLE.....	7,493
POS. 029 UNUSED POSITION	
POS. 030-031 TOTAL NUMBER OF PERSONS IN HOUSEHOLD	
01-15 AS GIVEN.....	10,450

-----		-----
TAPE POSITION, ITEM DESCRIPTION, AND CODES		CONTROL
-----		COUNTS
-----		-----
POS. 032-033	TOTAL NUMBER OF SAMPLE PERSONS IN FAMILY	
01-06	AS GIVEN.....	10,450
POS. 034	UNUSED POSITION	
b. <u>SAMPLE PERSON DATA IN POSITIONS 035-081</u>		
POS. 035	FAMILY RELATIONSHIP	
1=	HEAD, ONE PERSON LIVING ALONE OR WITH NON-RELATIVES....	1,694
2=	HEAD, TWO OR MORE RELATED PERSONS IN FAMILY.....	4,676
3=	WIFE.....	3,525
4=	CHILD.....	242
5=	OTHER RELATIVE.....	302
6=	FOSTER CHILD.....	3
7=	HUSBAND.....	8
POS. 036	EXAMINATION STATUS	
1=	EXAMINED.....	10,450
2=	NOT EXAMINED.....	0
POS. 037-041	FAMILY UNIT SEQUENCE NUMBER (SEE DETAILED NOTE)	
00001-21050	AS GIVEN.....	10,450
POS. 042-046	UNUSED POSITIONS	
POS. 047-048	AGE-YEARS (AT INTERVIEW) (QUES. 3)	
00-	IF LESS THAN 12 MONTHS.....	0
01-	24 YEARS.....	0
25-	74 YEARS.....	10,450

-----		
TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS	
-----		
POS. 049-050	UNUSED POSITIONS	
POS. 051-052	DATE OF BIRTH-MONTH (QUES. 2)	
	01-12 MONTH.....	10,450
	88=BLANK, BUT APPLICABLE.....	0
POS. 053-054	DATE OF BIRTH-YEAR (QUES. 2)	
	01-73 YEAR.....	10,450
POS. 055	SEX (QUES. 4)	
	1=MALE.....	4,928
	2=FEMALE.....	5,522
POS. 056	RACE (QUES. 5) (SEE DETAILED NOTE)	
	1=WHITE.....	9,096
	2=BLACK.....	1,163
	3=OTHER.....	191
POS. 057-058	IN WHAT STATE WAS HE/SHE BORN? (QUES. 6) (SEE DETAILED NOTE)	
	01-97.....	10,450
	88=BLANK, BUT APPLICABLE.....	0
POS. 059	IS HE/SHE NOW MARRIED, WIDOWED, DIVORCED, SEPARATED, OR NEVER MARRIED? (QUES. 7)	
	1=UNDER 17.....	0
	2=MARRIED.....	7,600
	3=WIDOWED.....	1,145
	4=DIVORCED.....	622
	5=SEPARATED.....	296
	6=NEVER MARRIED.....	758
	8=BLANK, BUT APPLICABLE.....	29

-----		-----
TAPE POSITION, ITEM DESCRIPTION, AND CODES		CONTROL
-----		COUNTS
-----		-----
POS. 060-061	NATIONAL ORIGIN OR ANCESTRY (QUES. 8)	
01=COUNTRIES OF CENTRAL OR SOUTH AMERICA.....		48
02=CHICANO.....		5
03=CUBAN.....		65
04=MEXICAN.....		99
05=MEXICANO.....		32
06=MEXICAN-AMERICAN.....		102
07=PUERTO RICAN.....		75
08=OTHER SPANISH.....		45
09=OTHER EUROPEAN, SUCH AS GERMAN,FRENCH,ENGLISH,IRISH...		7,778
10=BLACK, NEGRO OR AFRO-AMERICAN.....		1,120
11=AMERICAN INDIAN OR ALASKAN NATIVE.....		137
12=ASIAN OR PACIFIC ISLANDER SUCH AS CHINESE,JAPANESE, KOREAN,PHILIPPINO,SAMOAN.....		173
13=ANOTHER GROUP NOT LISTED.....		532
88=BLANK, BUT APPLICABLE.....		239
POS. 062-063	WHAT WAS THE HIGHEST GRADE OR YEAR OF SCHOOL HE/SHE HAS EVER ATTENDED? (QUES. 9A)	
00=NONE (REGARDLESS OF AGE).....		97
21-28=ELEMENTARY GRADES (1-8).....		2,350
31-34=HIGH SCHOOL (1-4).....		5,088
41-45=COLLEGE (1-5+).....		2,814
88=BLANK, BUT APPLICABLE.....		101
POS. 064	DID HE/SHE FINISH THE GRADE YEAR? (QUES. 9B)	
1=YES.....		8,072
2=NO.....		2,053
8=BLANK, BUT APPLICABLE.....		228
BLANK.....		97

-----		-----
TAPE POSITION, ITEM DESCRIPTION, AND CODES		CONTROL
-----		COUNTS
-----		-----
POS. 065	WHAT WAS HE/SHE DOING DURING MOST OF THE PAST 12 MONTHS? (QUES. 10A)	
	1=WORKING.....	5,522
	2=KEEPING HOUSE.....	3,153
	3=SOMETHING ELSE.....	1,736
	8=BLANK, BUT APPLICABLE.....	39
POS. 066	WHAT WAS HE/SHE DOING? (QUES. 10B)	
	1=LAYOFF.....	19
	2=RETIRED.....	1,177
	3=STUDENT.....	80
	4=ILL.....	61
	5=STAYING HOME.....	77
	6=LOOKING FOR WORK.....	59
	7=UNABLE TO WORK.....	214
	8=BLANK, BUT APPLICABLE.....	39
	0=OTHER.....	49
	BLANK.....	8,675
POS. 067	DID HE/SHE WORK AT A JOB OR BUSINESS AT ANY TIME DURING THE PAST THREE MONTHS? (QUES. 10C)	
	1=YES.....	517
	2=NO.....	4,372
	8=BLANK, BUT APPLICABLE.....	39
	BLANK.....	5522
POS. 068	WHEN HE/SHE WAS WORKING, DID HE/SHE USUALLY WORK FULL OR PART TIME? (QUES. 10D)	
	1=FULL TIME.....	5,024
	2=PART TIME.....	1,015
	8=BLANK, BUT APPLICABLE.....	39
	BLANK.....	4,372

-----	
TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS
-----	
POS. 069 DID HE/SHE WORK AT ANY TIME LAST WEEK OR THE WEEK BEFORE NOT COUNTING WORK AROUND THE HOUSE? (QUES. 11A)	
1=YES.....	5,466
2=NO.....	573
8=BLANK, BUT APPLICABLE.....	39
BLANK.....	4,372
POS. 070 EVEN THOUGH HE/SHE DID NOT WORK DURING THAT TIME, DOES HE/SHE HAVE A JOB OR BUSINESS? (QUES. 11B)	
1=YES.....	313
2=NO.....	4,632
8=BLANK, BUT APPLICABLE.....	39
BLANK.....	5,466
POS. 071 WAS HE/SHE LOOKING FOR WORK OR ON LAYOFF FROM A JOB? (QUES. 11C)	
1=YES.....	297
2=NO.....	4,648
8=BLANK, BUT APPLICABLE.....	39
BLANK.....	5,466
POS. 072 WHICH-LOOKING FOR WORK OR ON LAYOFF FROM A JOB? (QUES. 11D)	
1=LOOKING.....	202
2=LAYOFF.....	76
3=BOTH.....	19
8=BLANK, BUT APPLICABLE.....	39
BLANK.....	10,114
POS. 073-075 WHAT KIND OF INDUSTRY OR BUSINESS IS THIS? (QUES. 12B) (SEE DETAILED NOTE)	
017-937 (LAST DIGIT 7,8,9).....	63
000=BLANK, BUT APPLICABLE.....	6,009
BLANK.....	4,378



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TAPE POSITION, ITEM DESCRIPTION, AND CODES  
-----  
CONTROL  
COUNTS  
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POS. 076-078 WHAT KIND OF WORK WAS HE/SHE DOING?  
(QUES. 12C) (SEE DETAILED NOTE)

001-985=OCCUPATION (LAST DIGIT 0-6)..... 6,001  
000=BLANK, BUT APPLICABLE..... 71  
BLANK..... 4,378

POS. 079 WAS HE/SHE AN EMPLOYEE OF A PRIVATE COMPANY,  
BUSINESS, OR INDIVIDUAL FOR WAGES, SALARY, OR  
COMMISSION? (QUES. 12E)

1=PRIVATE..... 3,969  
2=A FEDERAL GOVT EMPLOYEE..... 229  
3=A STATE GOVT EMPLOYEE..... 345  
4=A LOCAL GOVT EMPLOYEE..... 539  
5=INCORPORATED-OWN..... 135  
6=SELF EMPLOYED (OR FARM)..... 739  
7=WORKING WITHOUT PAY IN FAMILY BUSINESS OR FARM..... 55  
8=NEVER WORKED..... 5  
0=BLANK, BUT APPLICABLE..... 56  
BLANK..... 4,378

POS. 080 DID HE/SHE EVER SERVE IN THE ARMED FORCES OF THE  
UNITED STATES? (QUES. 13A)

1=YES..... 2,165  
2=NO..... 8,084  
8=BLANK, BUT APPLICABLE..... 201

POS. 081 WHEN DID HE/SHE SERVE? (QUES. 13B)

1=VIETNAM..... 502  
2=KOREAN WAR..... 283  
3=WORLD WAR II..... 1,101  
4=WORLD WAR I..... 3  
5=POST VIETNAM..... 3  
6=OTHER SERVICE..... 251  
8=BLANK, BUT APPLICABLE..... 201  
9=DO NO KNOW..... 22  
BLANK..... 8,084

POS. 082-090 UNUSED POSITIONS

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TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL
-----	COUNTS
-----	-----

c. HOUSEHOLD DATA IN POSITIONS 091-212

POS. 091	HOW MANY ROOMS ARE IN THIS...? COUNT THE KITCHEN, BUT NOT THE BATHROOM. (QUES. 14A)	
	1-8 ROOMS.....	9,852
	9-9 OR MORE ROOMS.....	598
POS. 092	HOW MANY BEDROOMS ARE IN THIS...? (QUES. 14B)	
	0-7 BEDROOMS - MORE THAN 7 BEDROOMS CODED AS 7.....	10,450
POS. 093	DO YOU HAVE COMPLETE KITCHEN FACILITIES IN YOUR LIVING QUARTERS, THAT IS, A KITCHEN SINK WITH PIPED WATER, A REFRIGERATOR AND A RANGE OR COOKSTOVE? ASKED ONLY OF UNRELATED HOUSEHOLD MEMBERS. (QUES. 14C)	
	1=YES.....	59
	2=NO.....	54
	BLANK.....	10,337
POS. 094	DO YOU (HAVE/HAVE ACCESS TO) COMPLETE KITCHEN FACILITIES IN THIS HOUSE, THAT IS, A KITHCEN SINK WITH PIPED WATER, A REFRIGERATOR AND A RANGE OR COOKSTOVE? (QUES. 15A)	
	1=YES.....	10,239
	2=NO.....	112
	8=BLANK, BUT APPLICABLE.....	40
	BLANK.....	59
POS. 095	DO YOU (HAVE/HAVE ACCESS TO) A RANGE OR COOKSTOVE? (QUES. 15B)	
	1=YES.....	78
	2=NO.....	34
	8=BLANK, BUT APPLICABLE.....	40
	BLANK.....	10,298

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TAPE POSITION, ITEM DESCRIPTION, AND CODES		CONTROL
-----		-----
		COUNTS
-----		-----
POS. 096	DO YOU (HAVE/HAVE ACCESS TO) A REFRIGERATOR? (QUES. 15B)	
	1=YES.....	78
	2=NO.....	34
	8=BLANK, BUT APPLICABLE.....	40
	BLANK.....	10,298
POS. 097	DO YOU (HAVE/HAVE ACCESS TO) A SINK WITH PIPED WATER? (QUES. 15B)	
	1=YES.....	30
	2=NO.....	82
	8=BLANK, BUT APPLICABLE.....	40
	BLANK.....	10,298
POS. 098	IS THERE PIPED WATER IN THIS HOUSE (THESE LIVING QUARTERS)? (QUES. 15C)	
	1=YES.....	12
	2=NO.....	70
	8=BLANK, BUT APPLICABLE.....	40
	BLANK.....	10,328
POS. 099	IS THERE BOTH HOT AND COLD WATER? (QUES. 15D)	
	1=YES.....	39
	2=NO.....	3
	8=BLANK, BUT APPLICABLE.....	40
	BLANK.....	10,368
POS. 100	ARE THESE KITCHEN FACILITIES USED BY ANYONE NOT LIVING IN THIS HOUSEHOLD? (QUES. 15E)	
	1+YES.....	142
	2=NO.....	10,097
	8=BLANK, BUT APPLICABLE.....	40
	BLANK.....	171

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TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL
-----	COUNTS
-----	-----
POS. 101-102 WHAT IS THE MAIN TYPE OF HEATING SYSTEM YOU HAVE? (QUES. 16)	
11=STEAM OR HOT WATER SYSTEM.....	1,685
12=CENTRAL WARM AIR FURNACE WITH DUCTS TO INDIVIDUAL ROOM OR CENTRAL HEAT PUMP (FORCED AIR).....	5,041
13=BUILT IN ELECTRIC UNITS (PERMANENTLY INSTALLED IN WALL, CEILING, OR BASEBOARD).....	596
14=FLOOR, WALL OR PIPELESS FURNACE.....	842
15=CIRCULATING, RADIANT OR ROOM HEATERS, WITH FLUE OR VENT, BURNING GAS, OIL OR KEROSENE.....	945
16=CIRCULATING, RADIANT, OR ROOM HEATERS (NOT PORTABLE) WITHOUT FLUE OR VENT BURNING GAS, OIL, OR KEROSENE....	390
17=FIREPLACE OR STOVES BURNING COAL, WOOD, OR COKE.....	374
18=PORTABLE ROOM HEATERS OF ANY KIND.....	213
19=SOME OTHER TYPE.....	153
20=NONE, UNIT IS NOT HEATED.....	138
88=BLANK, BUT APPLICABLE.....	73
POS. 103 DO YOU HAVE AIR CONDITIONING? (QUES. 17)	
1=YES, INDIVIDUAL ROOM UNIT.....	3,342
2=YES, CENTRAL AIR CONDITIONING.....	1,984
3=NO.....	5,071
8=BLANK, BUT APPLICABLE.....	53
POS. 104 HOW MANY MOTOR VEHICLES ARE OWNED OR REGULARLY USED FOR TRANSPORTATION BY MEMBERS OF YOUR FAMILY? (QUES. 18)	
0=NONE.....	1,153
1-8 VEHICLES (MORE THAN 8 CODED AS 8) .....	9,217
9=BLANK, BUT APPLICABLE.....	80
POS. 105 IS ANY LANGUAGE OTHER THAN ENGLISH FREQUENTLY SPOKEN BY FAMILY MEMBERS LIVING HERE? (QUES. 19A)	
1=YES.....	969
2=NO.....	9,431
8=BLANK, BUT APPLICABLE.....	50

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TAPE POSITION, ITEM DESCRIPTION, AND CODES		CONTROL
-----		COUNTS
-----		-----
POS. 106	WHAT LANGUAGE(S)? (QUES. 19B)	
	0=GERMAN.....	58
	1=ITALIAN.....	75
	2=FRENCH.....	124
	3=POLISH.....	41
	4=RUSSIAN.....	14
	5=SPANISH.....	425
	6=CHINESE.....	22
	7=OTHER LANGUAGE.....	203
	8=BLANK, BUT APPLICABLE.....	57
	9=NOT APPLICABLE.....	9,431
POS. 107-108	WHICH OF THESE INCOME GROUPS REPRESENTS YOUR TOTAL COMBINED FAMILY INCOME FOR THE PAST 12 MONTHS? (QUES. 20) (SEE DETAILED NOTE)	
	11= UNDER \$ 1,000.....	84
	12=\$ 1,000-\$ 1,999.....	175
	13=\$ 2,000-\$ 2,999.....	422
	14=\$ 3,000-\$ 3,999.....	489
	15=\$ 4,000-\$ 4,999.....	448
	16=\$ 5,000-\$ 5,999.....	403
	17=\$ 6,000-\$ 6,999.....	293
	18=\$ 7,000-\$ 9,999.....	1,874
	19=\$10,000-\$14,999.....	1,969
	20=\$15,000-\$19,999.....	1,547
	21=\$20,000-\$24,999.....	1,052
	22=\$25,000 AND OVER.....	1,280
	88=BLANK, BUT APPLICABLE.....	414
POS. 109-112	DURING THE PAST 12 MONTHS, HOW MUCH MONEY DID YOU AND ALL MEMBERS OF YOUR FAMILY RECEIVE IN WAGES OR SALARIES BEFORE DEDUCTIONS? (QUES. 21)	
	0000-6999=AMOUNT.....	2,226
	8888=BLANK, BUT APPLICABLE.....	502
	BLANK.....	7,722

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TAPE POSITION, ITEM DESCRIPTION, AND CODES		CONTROL
-----		COUNTS
-----		-----
POS. 113	SOCIAL SECURITY OR RAILROAD RETIREMENT? (QUES. 22A)	
	1=YES.....	1,487
	2=NO.....	867
	8=BLANK, BUT APPLICABLE.....	374
	BLANK.....	7,722
POS. 114	UNUSED POSITION	
POS. 115-118	IF YES, HOW MUCH?	
	0038-6828=AMOUNT.....	1,412
	8888=BLANK, BUT APPLICABLE.....	449
	BLANK.....	8,589
POS. 119	WELFARE PAYMENTS OR OTHER PUBLIC ASSISTANCE? (QUES. 22B)	
	1=YES.....	424
	2=NO.....	1,936
	8=BLANK, BUT APPLICABLE.....	368
	BLANK.....	7,722
POS. 120	UNUSED POSITION	
POS. 121-124	IF YES, HOW MUCH?	
	0012-6800=AMOUNT.....	411
	8888=BLANK, BUT APPLICABLE.....	381
	BLANK.....	9,658
POS. 125	UNEMPLOYMENT COMPENSATION OR WORKMEN'S COMPENSATION (QUES. 22C)	
	1=YES.....	138
	2=NO.....	2,224
	8=BLANK, BUT APPLICABLE.....	366
	BLANK.....	7,722

TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS
POS. 126 UNUSED POSITION	
POS. 127-130 IF YES, HOW MUCH?	
0015-5640=AMOUNT.....	117
8888=BLANK, BUT APPLICABLE.....	387
BLANK.....	9,946
POS. 131 GOVERNMENT EMPLOYEE PENSION OR PRIVATE PENSIONS? (QUES. 22D)	
1=YES.....	244
2=NO.....	2,114
8=BLANK, BUT APPLICABLE.....	370
BLANK.....	7,722
POS. 132 UNUSED POSITION	
POS. 133-136 IF YES, HOW MUCH?	
0036-6000=AMOUNT.....	223
8888=BLANK, BUT APPLICABLE.....	391
BLANK.....	9,836
POS. 137 DIVIDENDS, INTEREST, OR RENT? (QUES. 22E)	
1=YES.....	368
2=NO.....	1,984
8=BLANK, BUT APPLICABLE.....	376
BLANK.....	7,722
POS. 138 UNUSED POSITION	
POS. 139-142 IF YES, HOW MUCH?	
0001-5200=AMOUNT.....	336
8888=BLANK, BUT APPLICABLE.....	408
BLANK.....	9,706

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TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS
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POS. 143 NET INCOME FROM THEIR OWN NONFARM BUSINESS, PROFESSIONAL PRACTICE, OR PARTNERSHIP? (QUES. 22F)	
1=YES.....	113
2=NO.....	2,232
3=LOSS.....	11
8=BLANK, BUT APPLICABLE.....	372
BLANK.....	7,722
POS. 144 UNUSED POSITION	
POS. 145-148 IF YES, HOW MUCH?	
0090-6500=AMOUNT.....	101
8888=BLANK, BUT APPLICABLE.....	395
BLANK.....	9,954
POS. 149 NET INCOME FROM A FARM? (QUES. 22G)	
1=YES.....	94
2=NO.....	2,240
3=LOSS.....	19
8=BLANK, BUT APPLICABLE.....	375
BLANK.....	7,722
POS. 150 UNUSED POSITION	
POS. 151-154 IF YES, HOW MUCH?	
0000-6500=AMOUNT.....	94
8888=BLANK, BUT APPLICABLE.....	394
BLANK.....	9,962
POS. 155 VETERAN'S PAYMENTS? (QUES. 22H)	
1=YES.....	187
2=NO.....	2,171
8=BLANK, BUT APPLICABLE.....	370
BLANK.....	7,722



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TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS
-----	-----
POS. 156 UNUSED POSITION	
POS. 157-160 IF YES, HOW MUCH?	
0060-4116=AMOUNT.....	176
8888=BLANK, BUT APPLICABLE.....	381
BLANK.....	9,893
POS. 161 ALIMONY, CHILD SUPPORT, OR CONTRIBUTIONS FROM PERSONS NOT LIVING IN HOUSEHOLD? (QUES. 22I)	
1=YES.....	73
2=NO.....	2,284
8=BLANK, BUT APPLICABLE.....	371
BLANK.....	7,722
POS. 162 UNUSED POSITION	
POS. 163-166 IF YES, HOW MUCH?	
0020-6900=AMOUNT.....	67
8888=BLANK, BUT APPLICABLE.....	377
BLANK.....	10,006
POS. 167 ANY OTHER INCOME? (QUES. 22J)	
1=YES.....	104
2=NO.....	2,253
8=BLANK, BUT APPLICABLE.....	371
BLANK.....	7,722
POS. 168 UNUSED POSITION	
POS. 169-172 IF YES, HOW MUCH?	
0003-6403=AMOUNT.....	97
8888=BLANK, BUT APPLICABLE.....	378
BLANK.....	9,975

TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS
POS. 173-176 TOTAL AMOUNT (QUES. 21 & 22)	
0001-6988=AMOUNT.....	2,107
8888=BLANK, BUT APPLICABLE.....	621
BLANK.....	7,722
POS. 177 CHECK ITEM B	
2=FOOD STAMPS AVAILABLE.....	10,327
4=BOTH FOOD STAMPS AND COMMODITIES.....	123
POS. 178 ARE YOU CERTIFIED TO PARTICIPATE IN THE FOOD STAMP PROGRAM? (QUES. 23A)	
1=YES.....	772
2=NO.....	9,090
8=BLANK, BUT APPLICABLE.....	3
9=DON'T KNOW.....	585
POS. 179 ARE YOU BUYING FOOD STAMPS NOW? (QUES. 23B)	
1=YES, REGULARLY.....	539
2=YES, OCCASIONALLY.....	34
3=NO.....	188
8=BLANK, BUT APPLICABLE.....	14
BLANK.....	9,675
POS. 180 WHAT IS THE MAIN REASON YOU AREN'T PARTICIPATING IN THE PROGRAM? (QUES. 23C)	
1=NO NEED.....	28
2=NOT ENOUGH MONEY AT THE TIME.....	39
3=NO TRANSPORTATION.....	7
4=PRIDE.....	14
5=OTHER.....	87
8=BLANK, BUT APPLICABLE.....	27
BLANK.....	10,248

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TAPE POSITION, ITEM DESCRIPTION, AND CODES		CONTROL
-----		COUNTS
-----		-----
POS. 181	ARE YOU CERTIFIED FOR THE COMMODITY DISTRIBUTION PROGRAM? (QUES. 24A)	
	1=YES.....	2
	2=NO.....	113
	9=DO NOT KNOW.....	8
	BLANK.....	10,327
POS. 182	ARE YOU RECEIVING COMMODITY FOODS NOW FOR YOUR FAMILY? (QUES. 24B)	
	1=YES, REGULARLY.....	0
	2=YES, OCCASIONALLY.....	0
	3=NO.....	2
	BLANK.....	10,448
POS. 183	WHY AREN'T YOU PARTICIPATING IN THE PROGRAM? (QUES. 24C)	
	1=NO NEED.....	2
	2=NO TRANSPORTATION.....	0
	3=PRIDE.....	0
	8=BLANK, BUT APPLICABLE.....	0
	4=OTHER.....	0
	BLANK.....	10,448
POS. 184-185	CONTROL RECORD - DATE OF EXAM MONTH	
	01-12.....	10,450
POS. 186-187	CONTROL RECORD - DATE OF EXAM DAY	
	01-31.....	10,450
POS. 188-189	CONTROL RECORD - DATE OF EXAM YEAR	
	76-80.....	10,450

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TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS
-----	
POS. 190-191 AGE IN YEARS (AT EXAMINATION)	
25-74 YEARS.....	10,450
POS. 192-205 UNUSED POSITIONS	
POS. 206 RACE SEX RECODE FOR SAMPLE PERSON (SEE DETAILED NOTE FOR POS. 056)	
1=MALE, WHITE.....	4,302
2=MALE, BLACK.....	528
3=MALE, OTHER.....	98
4=FEMALE, WHITE.....	4,794
5=FEMALE, BLACK.....	635
6=FEMALE, OTHER.....	93
POS. 207 FARM, NON-FARM RECODE FOR SAMPLE PERSON (SEE DETAILED NOTE)	
1=FARM.....	634
2=NON-FARM.....	9,816
POS. 208 INTERVIEW STATUS	
1=INTERVIEWED.....	10,450
POS. 209 REGION (SEE DETAILED NOTE)	
1=NORTHEAST.....	2,375
2=MIDWEST.....	2,715
3=SOUTH.....	2,841
4=WEST.....	2,519
POS. 210-212 POVERTY INDEX (X.XX) (SEE DETAILED NOTE)	
001-880 AS GIVEN.....	10,035
999-UNKNOWN.....	415
POS. 213-246 UNUSED POSITIONS	

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TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS
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d. HEAD OF HOUSEHOLD DATA IN POSITIONS 247-281

POS. 247-248	AGE YEARS AT INTERVIEW (QUES. 3)	
	25-74 YEARS (100 OR MORE CODED AS 99).....	10,450
POS. 249-250	UNUSED POSITIONS	
POS. 251-252	DATE OF BIRTH-MONTH (QUES. 2)	
	01-12 MONTH.....	10,435
	88=BLANK, BUT APPLICABLE.....	15
POS. 253-254	DATE OF BIRTH-YEAR	
	00-99 YEAR .....	10,450
	88=BLANK, BUT APPLICABLE.....	0
POS. 255	SEX (QUES. 4)	
	1=MALE.....	8,540
	2=FEMALE.....	1,910
POS. 256	RACE (QUES. 5) (SEE DETAILED NOTE FOR POS. 056)	
	1=WHITE.....	9,102
	2=BLACK.....	1,164
	3=OTHER.....	184
POS. 257-258	IN WHAT STATE WAS HE/SHE BORN? (QUES. 6) (SEE DETAILED NOTE FOR POS. 057-058)	
	01-97.....	10,450
	88=BLANK, BUT APPLICABLE.....	0

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TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS
-----	
POS. 259 IS HE/SHE NOW MARRIED, WIDOWED, DIVORCED, SEPARATED, OR NEVER MARRIED? (QUES. 7)	
1=UNDER 17.....	0
2=MARRIED.....	7,782
3=WIDOWED.....	1,154
4=DIVORCED.....	590
5=SEPARATED.....	287
6=NEVER MARRIED.....	614
8=BLANK, BUT APPLICABLE.....	23
POS. 260-261 NATIONAL ORIGIN OR ANCESTRY? (QUES. 8)	
01=COUNTRIES OF CENTRAL OR SOUTH AMERICA.....	51
02=CHICANO.....	7
03=CUBAN.....	64
04=MEXICAN.....	91
05=MEXICANO.....	35
06=MEXICAN-AMERICAN.....	97
07=PUERTO RICAN.....	79
08=OTHER SPANISH.....	39
09=OTHER EUROPEAN, SUCH AS GERMAN,FRENCH,ENGLISH,IRISH...	7,829
10=BLACK, NEGRO OR AFRO-AMERICAN.....	1,120
11=AMERICAN INDIAN OR ALASKAN NATIVE.....	137
12=ASIAN OR PACIFIC ISLANDER SUCH AS CHINESE,JAPANESE, KOREAN,PHILIPPINO,.....	160
13=ANOTHER GROUP NOT LISTED.....	513
88=BLANK, BUT APPLICABLE.....	228
POS. 262-263 WHAT WAS THE HIGHEST GRADE OR YEAR OF SCHOOL HE/SHE HAS EVER ATTENDED (QUES. 9A)	
00=NONE (REGARDLESS OF AGE).....	90
21-28=ELEMENTARY GRADES (1-8).....	2,576
31-34=HIGH SCHOOL (1-4).....	4,712
41-45=COLLEGE (1-5+).....	2,970
88=BLANK, BUT APPLICABLE.....	102
POS. 264 DID HE/SHE FINISH THE GRADE YEAR? (QUES. 9B)	
1=YES.....	7,925
2=NO.....	2,210
8=BLANK, BUT APPLICABLE.....	225
BLANK.....	90

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TAPE POSITION, ITEM DESCRIPTION, AND CODES		CONTROL
-----		COUNTS
-----		-----
POS. 265	WHAT WAS HE/SHE DOING MOST OF THE PAST 12 MONTHS? (QUES. 10A)	
	1=WORKING.....	6,732
	2=KEEPING HOUSE.....	1,003
	3=SOMETHING ELSE.....	2,683
	8=BLANK, BUT APPLICABLE.....	32
	BLANK.....	0
POS. 266	WHAT WAS HE/SHE DOING? (QUES. 10B)	
	1=LAYOFF.....	54
	2=RETIRED.....	30
	3=STUDENT.....	2,027
	4=ILL.....	67
	5=STAYING HOME.....	79
	6=LOOKING FOR WORK.....	75
	7=UNABLE TO WORK.....	59
	8=BLANK, BUT APPLICABLE.....	292
	0=OTHER.....	32
	BLANK.....	7,735
POS. 267	DID HE/SHE WORK AT A JOB OR BUSINESS DURING THE PAST THREE MONTHS? (QUES. 10C)	
	1=YES.....	331
	2=NO.....	3,355
	8=BLANK, BUT APPLICABLE.....	32
	BLANK.....	6,732
POS. 268	WHEN HE/SHE WAS WORKING, DID HE/SHE USUALLY WORK FULL OR PART TIME? (QUES. 10D)	
	1=FULL TIME.....	6,312
	2=PART TIME.....	751
	8=BLANK, BUT APPLICABLE.....	32
	BLANK.....	3,355

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TAPE POSITION, ITEM DESCRIPTION, AND CODES		CONTROL
-----		COUNTS
-----		-----
POS. 269	DID HE/SHE WORK AT ANY TIME LAST WEEK OR THE WEEK BEFORE NOT COUNTING WORK AROUND THE HOUSE? (QUES. 11A)	
	1=YES.....	6,532
	2=NO.....	531
	8=BLANK, BUT APPLICABLE.....	32
	BLANK.....	3,355
POS. 270	EVEN THOUGH HE/SHE DID NOT WORK DURING THAT TIME DOES HE/SHE HAVE A JOB OR BUSINESS? (QUES. 11B)	
	1=YES.....	323
	2=NO.....	3,563
	8=BLANK, BUT APPLICABLE.....	32
	BLANK.....	6,532
POS. 271	WAS HE/SHE LOOKING FOR WORK OR ON LAYOFF FROM A JOB? (QUES. 11C)	
	1=YES.....	266
	2=NO.....	3,620
	8=BLANK, BUT APPLICABLE.....	32
	BLANK.....	6,532
POS. 272	WHICH-LOOKING FOR WORK OR ON LAYOFF FROM A JOB? (QUES. 11D)	
	1=LOOKING.....	177
	2=LAYOFF.....	69
	3=BOTH.....	20
	8=BLANK, BUT APPLICABLE.....	32
	BLANK.....	10,152
POS. 273-275	WHAT KIND OF INDUSTRY OR BUSINESS IS THIS? (QUES. 12B) (SEE DETAILED NOTE)	
	017-998 (LAST DIGIT 7,8,9).....	7,028
	000=BLANK, BUT APPLICABLE.....	93
	BLANK.....	3,329



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TAPE POSITION, ITEM DESCRIPTION, AND CODES	CONTROL COUNTS
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POS. 276-278 WHAT KIND OF WORK WAS HE/SHE DOING? (QUES. 12C) (SEE DETAILED NOTE)	
001-992=OCCUPATION (LAST DIGIT 0-6).....	7026
000=BLANK, BUT APPLICABLE.....	95
BLANK.....	3,329
POS. 279 WAS HE/SHE AN EMPLOYEE OF A PRIVATE COMPANY, BUSINESS, OR INDIVIDUAL FOR WAGES, SALARY, OR COMMISSION? (QUES. 12E)	
1=PRIVATE.....	57
2=A FEDERAL GOVT EMPLOYEE.....	4,596
3=A STATE GOVT EMPLOYEE.....	314
4=A LOCAL GOVT EMPLOYEE.....	372
5=INCORPORATED-OWN.....	516
6=SELF-EMPLOYED (OR FARM).....	206
7=WORKING WITHOUT PAY IN FAMILY BUSINESS OR FARM.....	1,048
8=NEVER WORKED.....	9
0=BLANK, BUT APPLICABLE.....	3
BLANK.....	3,329
POS. 280 DID HE/SHE EVER SERVE IN THE ARMED FORCES OF THE UNITED STATES? (QUES. 13A)	
1=YES.....	3,801
2=NO.....	6,536
8=BLANK, BUT APPLICABLE.....	113
BLANK.....	0
POS. 281 WHEN DID HE/SHE SERVE? (QUES. 13B)	
1=VIETNAM.....	797
2=KOREAN WAR.....	548
3=WORLD WAR II.....	1,885
4=WORLD WAR I.....	46
5=POST VIETNAM.....	35
6=OTHER SERVICE.....	454
8=BLANK, BUT APPLICABLE.....	113
9=DO NOT KNOW.....	36
BLANK.....	6,536

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TAPE POSITION, ITEM DESCRIPTION, AND CODES  
-----  
CONTROL  
COUNTS  
-----

2. SAMPLE WEIGHT POSITIONS 282-317  
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(SEE DETAILED NOTE FOR POS. 282-317)

POS. 282-287 EXAMINED FINAL WEIGHT  
002000-079634..... 10,450

POS. 288-293 MEDICAL HISTORY INTERVIEW FINAL WEIGHT  
001468-071969..... 10,450

POS. 294-299 GLUCOSE TOLERANCE TEST FINAL EXAMINED WEIGHT  
003502-084477..... 5,197  
000000..... 5,253

POS. 300-305 LEAD FINAL EXAMINED WEIGHT  
004398-084115..... 5,301  
000000..... 5,149

POS. 306-311 CARBOXYHEMOGLOBIN FINAL EXAMINED WEIGHT  
003785-110759..... 5,149  
000000..... 5,301

POS. 312-317 BILE ACIDS FINAL EXAMINED WEIGHT  
003519-087673..... 6,361  
000000..... 4,089

POS. 318-323 UNUSED POSITIONS

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TAPE POSITION, ITEM DESCRIPTION, AND CODES		CONTROL
-----		COUNTS
-----		-----
POS. 324-325	STRATA	
	01-32.....	10,450
POS. 326	PSEUDO PRIMARY SAMPLING UNITS	
	1=NON-POVERTY.....	5,355
	2=POVERTY.....	5,095
POS. 327	POVERTY/NONPOVERTY SEGMENTS (SEE DETAILED NOTE)	
	1=NON-POVERTY.....	5,090
	2=POVERTY.....	5,360
POS. 328-400	UNUSED POSITIONS	

NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY

(NHANES II - 1976-1980) \*

2. BEHAVIOR QUESTIONNAIRE DATA

TAPE POSITIONS	ITEM DESCRIPTION AND CODES	CONTROL COUNTS	NHANES II DATA SOURCE OR NOTES
	<u>Behavior Data</u>		<u>Important:</u> See Detailed Note
401-404	<u>Catalog Number</u> 5317	10450	
405	<u>Behavior Questionnaire Data Missing</u>		
	1 Yes	156	
	2 No	10294	
406-411	<u>Blank</u>		
412	<u>Do you ever have trouble finding time to get your hair cut or styled?</u>		See Detailed Note
	1 Never	5618	
	2 Occasionally	3555	
	3 Almost always	1090	
	8 Blank but applicable	31	
	Blank	156	
413	<u>When you are under stress or in a tense situation, does your heart beat?</u>		
	1 Go faster, harder or both	5290	
	2 Go slower or with an irregular "jumping rhythm"	353	
	3 Remain the same	1419	
	4 Don't know, I never noticed	3167	
	8 Blank but applicable	65	
	Blank	156	

NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY

(NHANES II - 1976-1980)

2. BEHAVIOR QUESTIONNAIRE DATA

TAPE POSITIONS	ITEM DESCRIPTION AND CODES	CONTROL COUNTS	NHANES II DATA SOURCE OR NOTES
414	<u>Ordinarily, how rapidly do you eat?</u>		
	1 I am usually the first one finished	1178	
	2 I eat a little faster than average	2591	
	3 I eat at about the same speed as most people	4226	
	4 I eat more slowly than most people	2267	
	8 Blank but applicable	32	
	Blank	156	
415	<u>When you listen to someone talking, and this person takes too long to come to the point, do you feel like hurrying him along?</u>		
	1 Frequently	2933	
	2 Occasionally	5732	
	3 Almost never	1571	
	8 Blank but applicable	58	
	Blank	156	
416	<u>How often do you actually "put words in his mouth" in order to speed things up?</u>		
	1 Frequently	1250	
	2 Occasionally	4821	
	3 Almost never	4121	
	8 Blank but applicable	102	
	Blank	156	

NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY

(NHANES II - 1976-1980) .

2. BEHAVIOR QUESTIONNAIRE DATA

TAPE POSITIONS	ITEM DESCRIPTION AND CODES COUNTS	CONTROL OR NOTES	NHANES II DATA SOURCE
417	<u>If you tell your spouse or a friend that you will meet them somewhere at a definite time, how often do you arrive late?</u>		
	1 Frequently	536	
	2 Once in awhile	4909	
	3 Never late	4783	
	8 Blank but applicable	66	
	Blank	156	
418	<u>Suppose you are to meet someone at a public place and the other person is already 10 minutes late. Will you:</u>		
	1 Sit and wait	4884	
	2 Walk home while waiting	3990	
	3 Usually carry some reading matter or writing paper so you can get something done while waiting	1363	
	8 Blank but applicable	57	
	Blank	156	
419	<u>When you were younger, did most people consider you to be:</u>		
	1 Definitely hard-driving and competitive	1118	
	2 Probably hard-driving and competitive	2427	
	3 Probably more relaxed and easy going	5275	
	4 Definitely more relaxed and easy going	1398	
	8 Blank but applicable	76	
	Blank	156	

NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY

(NHANES II - 1976-1980)

2. BEHAVIOR QUESTIONNAIRE DATA

TAPE POSITIONS	ITEM DESCRIPTION AND CODES	CONTROL COUNTS	NHANES II DATA SOURCE OR NOTES
420	<u>Nowadays how would your spouse (or closest friend) rate you?</u>		
	1 Definitely hard-driving and competitive	1082	
	2 Probably hard-driving and competitive	2731	
	3 Probably more relaxed and easy going	5068	
	4 Definitely more relaxed and easy going	1337	
	8 Blank but applicable	76	
	Blank	156	
421	<u>When you are in the midst of doing a job and someone (not your boss) interrupts you, how do you usually feel inside?</u>		
	1 I feel o.k. because I work better after an occasional break	4257	
	2 I feel only mildly annoyed	4673	
	3 I really feel irritated because most such interruptions are unnecessary	1138	
	8 Blank but applicable	226	
	Blank	156	
422	<u>If repeated interruptions have made you really angry, do you:</u>		
	1 Tell the next interrupter in a firm way	1638	
	2 Tell the next interrupter in a quiet way	4324	
	3 Lock your door	649	
	4 Move to a quiet place	3321	
	5 Blank but applicable	362	
	Blank	156	

NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY

(NHANES II - 1976-1980)

2. BEHAVIOR QUESTIONNAIRE DATA

TAPE POSITIONS	ITEM DESCRIPTION AND CODES	CONTROL COUNTS	NHANES II DATA SOURCE OR NOTES
423	<u>When you play games with young children about 10 years old (or when you used to do so when your children were younger), how often did you purposely let them win?</u>		
	1 Always	835	
	2 Most of the time	3793	
	3 Half of the time	2563	
	4 Only occasionally	2361	
	5 Never	529	
	8 Blank but applicable	213	
	Blank	156	
424	<u>When playing on a team or taking part in some group activity:</u>		
	1 I am satisfied with myself only if my skill at that activity is better than most of the others in that group	816	
	2 I am satisfied with myself if my skill is above average for the group	2676	
	3 My satisfaction does not depend on how well I do, since I take part only for enjoyment	6534	
	8 Blank but applicable	268	
	Blank	156	
425	<u>How do you feel about competition on the job or in outside activities?</u>		
	1 Prefer to avoid it	2547	
	2 Accept it because it is a necessary evil	2358	
	3 Enjoy it because it is stimulating	5104	
	8 Blank but applicable	285	
	Blank	156	



NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY

(NHANES II - 1976-1980)

2. BEHAVIOR QUESTIONNAIRE DATA

TAPE POSITIONS	ITEM DESCRIPTION AND CODES COUNTS	CONTROL OR NOTES	NHANES II DATA SOURCE
426	<u>Does your job "stir you into action?"</u>		
	1 Less often than most people's jobs	1109	
	2 About average	6236	
	3 More often than most people's jobs	2342	
	8 Blank but applicable	607	
	Blank	156	
427	<u>When you have to work against a deadline, is the quality of your work:</u>		
	1 Better	2075	
	2 worse	2061	
	3 The same (pressure makes no difference)	5843	
	8 Blank but applicable	315	
	Blank	156	
428	<u>Are you content to remain at your present job level for the next five years?</u>		
	1 Yes	5616	
	2 No, I want to advance	2815	
	3 Definitely no. I strive to advance and would be dissatisfied if not promoted in that length of time	1034	
	8 Blank but applicable	829	
	Blank	156	

NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY

(NHANES II - 1976-1980) .

2. BEHAVIOR QUESTIONNAIRE DATA

TAPE POSITIONS	ITEM DESCRIPTION AND CODES COUNTS	CONTROL OR NOTES	NHANES II DATA SOURCE
429	<u>In the past three years have you ever taken less than your allotted number of vacation days?</u>		
	1 Yes	2279	
	2 No	5019	
	3 My type of job does not provide regular vacations	2461	
	8 Blank but applicable	535	
	Blank	156	
430	<u>How many different job titles have you held in the last 10 years?</u>		
	1 Zero or one	4837	
	2 Two	1976	
	3 Three	1304	
	4 Four	677	
	5 Five or more	1102	
	8 Blank but applicable	398	
	Blank	156	
431	<u>Do you presently work at a job or business outside the home?</u>		
	1 Yes	4438	
	2 No	5856	
	Blank	156	

NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY

(NHANES II - 1976-1980)

2. BEHAVIOR QUESTIONNAIRE DATA

TAPE POSITIONS	ITEM DESCRIPTION AND CODES COUNTS	CONTROL OR NOTES	NHANES II DATA SOURCE
432	<u>Do you keep house or work around the house a good deal of the time?</u>		
	1 Yes	4728	
	2 No	1128	
	Blank	4594	
433	<u>In your job or housework how much of the time do you spend sitting down?</u>		
	0 Hardly ever or never	2257	
	1 Some of the time	4796	
	2 Most of the time	1804	
	8 Blank but applicable	308	
	Blank	1285	
434	<u>In your job or housework how much of the time do you spend walking or moving about?</u>		
	0 Hardly ever or never	447	
	1 Some of the time	4095	
	2 Most of the time	4282	
	8 Blank but applicable	341	
	Blank	1285	

NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY

(NHANES II - 1976-1980)

2. BEHAVIOR QUESTIONNAIRE DATA

TAPE POSITIONS	ITEM DESCRIPTION AND CODES COUNTS	CONTROL OR NOTES	NHANES II DATA SOURCE
435	<u>In your job or housework how much of the time do you have to use lots of arm, leg, or back muscles as in lifting, pulling, carrying, digging and so on?</u>		
	0 Hardly ever or never	2791	
	1 Some of the time	3634	
	2 Most of the time	2332	
	8 Blank but applicable	408	
	Blank	1285	
436	<u>Outside of your job or work around the house, how often do you walk as much as a mile (5-9 blocks) a day in getting to and from work, stores, and so on?</u>		
	0 Hardly ever or never	3984	
	1 Sometimes	3027	
	2 Frequently	3012	
	8 Blank but applicable	271	
	Blank	156	
437	<u>Outside of your job or work around the house, how often do you take hikes or walks in good weather?</u>		
	0 Hardly ever or never	3575	
	1 Sometimes	4039	
	2 Frequently	2277	
	8 Blank but applicable	403	
	Blank	156	

NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY

(NHANES II - 1976-1980) .

2. BEHAVIOR QUESTIONNAIRE DATA

TAPE POSITIONS	ITEM DESCRIPTION AND CODES COUNTS	CONTROL OR NOTES	NHANES II DATA SOURCE
438	<u>Outside of your job or work around the house how often do you take part in activities which require a lot of body movement or energy, like ball games, cycling, dancing and so on?</u>		
	0 Hardly ever or never	4661	
	1 Sometimes	3241	
	2 Frequently	1976	
	8 Blank but applicable	416	
	Blank	156	
439	<u>Do you follow a regular program of physical exercise?</u>		
	1 Yes	1752	
	2 No	8389	
	8 Blank but applicable	153	
	Blank	156	
440	<u>Questionnaire filled out by:</u>		See Detailed Note
	1 Examinee	7951	
	2 Interviewer	774	
	3 Both	838	
	8 Blank but applicable	731	
	Blank	156	



IV. DETAILED NOTES

TAPE POSITION 11

Size of Place

Size of place classification was derived from the 1970 decennial census of the population. According to the definition used in the 1970 census, the urban population comprised all persons living in (a) places of 2,500 inhabitants or more incorporated as cities, boroughs (except Alaska), villages and towns (except towns in New York, New England States, and Wisconsin), but excluding those persons living in the rural portions of extended cities; (b) unincorporated places of 2,500 inhabitants or more; and (c) other territories included in urbanized areas. The remaining population was classified as rural.

Urban areas are further classified by population size for places within urbanized areas and other places outside urbanized areas.

TAPE POSITION 12

SMSA-Not SMSA

Except in New England, a Standard Metropolitan Statistical Area is basically a county or a group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to the 1970 census, they are socially and economically integrated with the central city. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. In New England, SMSA's consist of towns and cities, rather than counties.



TAPE POSITIONS 37-41

Family Unit Number

All related sample persons in the same family unit have the same computer-generated family unit code. This will enable analysis of individual family units.

TAPE POSITIONS 56, 206, AND 256

Race

The race of the respondent was marked by observation. The interviewers were instructed to assume that the race of all related persons was the same as the respondent unless otherwise learned. The race categories were "White", "Black" or "Other". If the appropriate category could not be marked by observation, then race was asked. Interviewers were instructed to record persons who responded with something other than White or Black, such as Japanese, Chinese, American Indian, Korean, Hindu, Eskimo, etc. as "Other" and to include Mexicans, Puerto Ricans and other persons of Latin American descent in "White" unless definitely Black, American Indian, or of other nonwhite race.

TAPE POSITIONS 57-58 AND 257-258

United States

<u>Name of Place</u>	<u>Code</u>
Alabama.....	01
Alaska.....	02
Arizona.....	04
Arkansas.....	05
California.....	06
Colorado.....	08
Connecticut.....	09
Delaware.....	10
District of Columbia.....	11
Florida.....	12
Georgia.....	13
Hawaii.....	15
Idaho.....	16
Illinois.....	17
Indiana.....	18
Iowa.....	19
Kansas.....	20
Kentucky.....	21
Louisiana.....	22
Maine.....	23
Maryland.....	24
Massachusetts.....	25
Michigan.....	26
Minnesota.....	27
Mississippi.....	28
Missouri.....	29
Montana.....	30
Nebraska.....	31
Nevada.....	32
New Hampshire.....	33
New Jersey.....	34
New Mexico.....	35
New York.....	36
North Carolina.....	37
North Dakota.....	38
Ohio.....	39
Oklahoma.....	40
Oregon.....	41
Pennsylvania.....	42
Rhode Island.....	44
South Carolina.....	45
South Dakota.....	46
Tennessee.....	47
Texas.....	48

TAPE POSITIONS 57-58 AND 257-258 (cont.)

<u>Name of Place</u>	<u>Code</u>
Utah.....	49
Vermont.....	50
Virginia.....	51
Washington.....	53
West Virginia.....	54
Wisconsin.....	55
Wyoming.....	56

Outlying Areas of the United States

<u>Name of Place</u>	<u>Code</u>	<u>Description</u>
American Samoa	60	U.S. territory in the Pacific
Canal Zone	61	Territory in Panama leased by U.S.
Canton and Enderbury Island	62	Under common US-UK administration
Guam	66	U.S. territory in the Pacific
Johnston Atoll		U.S. territory in the Pacific, includes Sand Island
Midway Islands	71	U.S. territory in the Pacific
Puerto Rico	72	Commonwealth associated with the U.S.
Swan Islands	74	U.S. territory in the Carribean
Trust Territories of the Pacific Islands	75	U.S. administered, includes Caroline, Mariana, and Marshall Island groups
U.S. Miscellaneous Carribean Islands	76	Includes Navassa Islands, Quito Sueno Bank, Roncador Cay, Serrana Bank, Serranilla Bank
U.S. Miscellaneous Pacific Islands	77	Includes Kingman Reef, Howland, Baker and Jarvis Islands, Palmyra Atoll
Virgin Islands	78	U.S. territory in the Carribean
Wake Island	79	U.S. territory in the Pacific

Outside of United States

North America	91
South America	92
Europe	93
Africa	94
Asia	95
Australasia	96
Pacific Islands	97

TAPE POSITIONS 73-75, 76-78, 273-275 AND 276-278

Industry and Occupation Codes

Occupation may be defined as the principal job or business. For this survey, the principal job or business of a respondent is defined in one of the following ways: if the person worked during the two week interview period or had a job or business, the question concerning occupation (or work) applies to the job during that period. If the respondent held more than one job, the question is directed to the one at which the most time was spent. It refers to the one considered most important when equal time is spent at each job. A person who has not begun work at a new job, is looking for work, or is on layoff from work is questioned about the last full-time civilian job. A full-time job is defined as one at which the person spent 35 or more hours per week and which lasted two consecutive weeks or more. A person who has a job but has not yet reported to it or a person who has never had a job or business is classified as a "new worker".

The 1970 census of population Alphabetical Index of Industries and Occupations was used in the coding of both the industry and occupation (Library of Congress Number 74-612012, for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock Number 0301-2283).

TAPE POSITIONS 107-108

Family Income Group

The respondent was handed a card with twelve income ranges listed as Group A to Group L and asked "Which of these income groups represents your total combined family income for the past 12 months, that is, yours, your ...'s, etc? Include income from all sources such as wages, salaries, social security or retirement benefits, help from relatives, rent from property and so forth."

If the respondent answered Group A through G, that is with an income less than \$7,000, then questions 21 and 22 detailing exact sources and amounts of income were asked; otherwise, these questions were skipped.

No effort was made to reconcile amounts reported in detailed questions 21 and 22 with the categorical response to the family income group question. During the survey time period no adjustments to the income groups or \$7,000 value were made to account for inflation.

TAPE POSITION 207

Farm, non-farm

This position contains a recode, which combines data on land use (position 25), size (position 26), and amount of sales of farm produce and livestock (positions 27 and 28).

Code 1: Farm: Rural land (coded 2 in position 25) which consisted of 10 or more acres (coded 1 in position 26) with crop sales of \$50 or more (coded 1 in position 27).

OR

Rural land (coded 2 in position 25) with crop sales of \$250 or more (coded 1 in position 28):

Code 2: Non-farm: All other rural land (coded 2 in position 25) as well as land classified as urban (coded 1 in position 25).

TAPE POSITION 209

Region

The United States was divided into four broad geographic regions of approximately equal population. Those regions, which deviate somewhat from the groups used by the Bureau of Census, are as follows:

<u>Region</u>	<u>States Included</u>
Northeast	Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, and Pennsylvania
South	Delaware, Maryland, District of Columbia, West Virginia, Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and Arkansas
Midwest	Ohio, Illinois, Indiana, Michigan, Wisconsin, Minnesota, Iowa, Missouri
West	Washington, Oregon, California, Nevada, New Mexico, Arizona, Texas, Oklahoma, Kansas, Nebraska, North Dakota, South Dakota, Idaho, Utah, Colorado, Montana, Wyoming, Alaska, Hawaii



## TAPE POSITIONS 210-212

Poverty Index

Income status was determined by the Poverty Income Ratio (PIR). Poverty statistics published in the Bureau of the Census reports<sup>10-14</sup> were based on the poverty index developed by the Social Security Administration (SSA) in 1964. (For a detailed discussion of the SSA poverty standards, see references 15 and 16.) Modifications in the definition of poverty were adopted in 1969.<sup>17</sup> The standard data series in poverty for statistical use by all executive departments and establishments has been established.<sup>18</sup>

The two components of the PIR are the total income of the household (numerator: the median of the income group for incomes \$7,000 and above; the sum of the component parts of the income questions for incomes under \$7,000) and a multiple of the total income necessary to maintain a family with given characteristics on a nutritionally adequate food plan<sup>9-13</sup> (denominator). The dollar value of the denominator of the PIR is constructed from a food plan (economy plan) necessary to maintain minimum recommended daily nutritional requirements. The economy plan is designated by the U.S. Department of Agriculture for "emergency or temporary use when funds are low."

For families of three or more persons, the poverty level was set at three times the cost of the economy food plan. For smaller families and persons living alone, the cost of the economy food plan was adjusted by the relatively higher fixed expenses of these smaller households.

The denominator or poverty income cutoff adjusts the family poverty income maintenance requirements by the family size, the sex of the family head, the age of the family head in families with one or two members, and the place of

## TAPE POSITIONS 210-121 (cont'd.)

residence (farm, nonfarm). Annual revisions of the poverty income cutoffs are based on the changes in the average cost of living as reflected in the Consumer Price Index.

As shown in the tables, the annual income considered to be the poverty level increases as the family size increases. A family with any combination of characteristics and with the same income as shown in the table has been designated as having a PIR or poverty level of 1.0. The same family with twice the income found in the table would have a PIR of 2.0. Ratios of less than 1.0 can be described as "below poverty" and ratios greater than or equal to 1.0, as "at or above poverty".

Poverty thresholds are computed on a national basis only. No attempt has been made to adjust these thresholds for regional, State, or other variations in the cost of living (except for the farm, nonfarm difference). None of the noncash public welfare benefits such as food stamp bonuses are included in the income of the low income families receiving these benefits. PIR has been adjusted by year (see tables) and accounts in some part for inflation.

A. Weighted average thresholds--poverty cutoffs in 1976, by size of family and sex of head, by farm-nonfarm residence

Size of family unit	Nonfarm				Farm		
	Total (dollars)	Total (dollars)	Male head (dollars)	Female head (dollars)	Total (dollars)	Male head (dollars)	Female head (dollars)
1 person (unrelated individual)...	2 877	2 884	3 016	2 788	2 438	2 532	2 348
14 to 64 years.....	2 954	2 959	3 069	2 840	2 542	2 608	2 413
65 years and over.....	2 720	2 730	2 758	2 722	2 322	2 344	2 313
2 persons.....	3 688	3 711	3 721	3 660	3 128	3 133	3 033
Head 14 to 64 years.....	3 806	3 826	3 846	3 733	3 267	3 271	3 159
Head 65 years and over.....	3 417	3 445	3 447	3 428	2 928	2 928	2 922
3 persons.....	4 515	4 540	4 565	4 414	3 858	3 864	3 734
4 persons.....	5 786	5 815	5 818	5 790	4 950	4 953	4 840
5 persons.....	6 838	6 876	6 884	6 799	5 870	5 871	5 847
6 persons.....	7 706	7 760	7 766	7 709	6 585	6 584	6 607
7 persons or more.....	9 505	9 588	9 622	9 375	8 072	8 068	8 428

B. Weighted average thresholds--poverty cutoffs in 1977, by size of family and sex of head, by farm-nonfarm residence

Size of family unit	Nonfarm				Farm		
	Total (dollars)	Total (dollars)	Male head (dollars)	Female head (dollars)	Total (dollars)	Male head (dollars)	Female head (dollars)
1 person (unrelated individual)...	3 067	3 075	3 214	2 969	2 588	2 672	2 498
14 to 64 years.....	3 147	3 152	3 267	3 023	2 709	2 776	2 569
65 years and over.....	2 895	2 906	2 936	2 898	2 475	2 495	2 563
2 persons.....	3 928	3 951	3 961	3 907	3 318	3 325	3 176
Head 14 to 64 years.....	4 054	4 072	4 095	3 981	3 466	3 474	3 278
Head 65 years and over.....	3 637	3 666	3 670	3 646	3 128	3 131	3 079
3 persons.....	4 806	4 833	4 860	4 708	4 093	4 110	3 893
4 persons.....	6 157	6 191	6 195	6 162	5 273	5 274	5 213
5 persons.....	7 279	7 320	7 329	7 238	6 247	6 247	6 237
6 persons.....	8 208	8 261	8 268	8 197	7 026	7 026	7 040
7 persons or more.....	10 137	10 216	10 249	9 995	8 708	8 706	8 738

C. Weighted average thresholds--poverty cutoffs in 1978, by size of family and sex of head, by farm-nonfarm residence

Size of family unit	Nonfarm				Farm		
	Total (dollars)	Total (dollars)	Male head (dollars)	Female head (dollars)	Total (dollars)	Male head (dollars)	Female head (dollars)
1 person (unrelated individual)...	3 302	3 311	3 460	3 196	2 795	2 898	2 690
14 to 64 years.....	3 386	3 392	3 516	3 253	2 913	2 987	2 764
65 years and over.....	3 116	3 127	3 159	3 118	2 661	2 685	2 650
2 persons.....	4 225	4 249	4 258	4 206	3 578	3 582	3 497
Head 14 to 64 years.....	4 363	4 383	4 407	4 286	3 731	3 737	3 614
Head 65 years and over.....	3 917	3 944	3 948	3 923	3 352	3 354	3 313
3 persons.....	5 178	5 201	5 231	5 065	4 413	4 430	4 216
4 persons.....	6 628	6 662	6 665	6 632	5 681	5 683	5 622
5 persons.....	7 833	7 880	7 888	7 806	6 714	6 714	6 700
6 persons.....	8 825	8 891	8 895	8 852	7 541	7 543	7 462
7 persons or more.....	10 926	11 002	11 038	10 765	9 373	9 386	8 813

D. Weighted average thresholds--poverty cutoffs in 1979, by size and type of family and farm-nonfarm residence

Size of family unit	Nonfarm				Farm		
	Total (dollars)	Total (dollars)	Families with female hhdr, no husband present <sup>1</sup> (dollars)	All other families <sup>2</sup> (dollars)	Total (dollars)	Families with female hhdr, no husband present <sup>1</sup> (dollars)	All other families <sup>2</sup> (dollars)
1 person (unrelated individual)...	3 683	3 689	3 556	3 855	3 138	3 001	3 236
15 to 64 years.....	3 773	3 778	3 619	3 912	3 254	3 076	3 324
65 years and over.....	3 472	3 479	3 469	3 515	2 963	2 948	2 988
2 persons.....	4 702	4 725	4 669	4 737	3 987	3 917	3 991
Householder 15 to 64 years.....	4 858	4 878	4 762	4 905	4 156	4 027	4 163
Householder 65 years and over...	4 364	4 390	4 362	4 394	3 730	3 686	3 732
3 persons.....	5 763	5 784	5 624	5 820	4 917	4 680	4 928
4 persons.....	7 386	7 412	7 381	7 416	6 329	6 261	6 332
5 persons.....	8 736	8 775	8 690	8 785	7 492	7 509	7 492
6 persons.....	9 849	9 914	9 843	9 922	8 424	8 309	8 428
7 persons or more.....	12 212	12 280	12 037	12 322	10 533	10 178	10 547

<sup>1</sup> Includes female unrelated individuals.

<sup>2</sup> Includes male unrelated individuals.

E. Weighted average thresholds--poverty cutoffs in 1980, by size and type of family, by farm-nonfarm residence

Size of family unit	Nonfarm				Farm		
	Total (dollars)	Total (dollars)	Families with female hhldr, no husband present <sup>1</sup> (dollars)	All other families <sup>2</sup> (dollars)	Total (dollars)	Families with female hhldr, no husband present <sup>1</sup> (dollars)	All other families <sup>2</sup> (dollars)
1 person (unrelated individual)...	4 184	4 190	4 037	4 379	3 539	3 392	3 680
15 to 64 years.....	4 286	4 290	4 109	4 441	3 693	3 492	3 773
65 years and over.....	3 941	3 949	3 938	3 990	3 359	3 347	3 392
2 persons.....	5 338	5 363	5 316	5 373	4 502	4 302	4 513
Householder 15 to 64 years.....	5 518	5 537	5 415	5 568	4 714	4 497	4 721
Householder 65 years and over...	4 954	4 983	4 946	4 988	4 233	4 185	4 237
3 persons.....	6 539	6 565	6 386	6 608	5 573	5 271	5 587
4 persons.....	8 385	8 414	8 382	8 418	7 170	7 152	7 170
5 persons.....	9 923	9 966	9 878	9 976	8 472	8 373	8 474
6 persons.....	11 215	11 269	11 227	11 274	9 613	9 168	9 625
7 persons or more.....	13 883	13 955	13 767	13 986	11 915	12 133	11 889

<sup>1</sup> Includes female unrelated individuals.

<sup>2</sup> Includes male unrelated individuals.

TAPE POSITIONS 282-317

Sample Weights

A multistage estimation procedure was used to calculate the various NHANES II subsample sample weights that are necessary to use in any analysis of the data. The procedure has three basic components: 1) inflation by reciprocals of the probabilities of selection, 2) adjustment for nonresponse, and 3) poststratification ratio adjustment by age-sex-race. A brief description of each component is as follows:

- Inflation by reciprocals of the sampling probabilities. Since the survey utilized a three-stage sample design, there were three probabilities of selection: 1) the probability of selecting the PSU, 2) the probability of selecting a segment and housing unit, and 3) the probability of selecting a sample person.

Adjustment for nonresponse. Estimates from the NHANES II data were adjusted to account for sample persons who were not examined. The estimates were inflated by a multiplication factor calculated within five selected income groups, three age groups, four regions, and standard metropolitan statistical area (SMSA) or non-SMSA. The numerator of these factors was the sum of the weights for sample persons resulting from the reciprocal of the probability of selection, and the denominator was the sum of the weights for examined persons also resulting from the reciprocals of the sampling probabilities.

Poststratification by age-sex-race. The estimates were ratio adjusted within each of 76 age-sex-race cells to an independent estimate, provided by the U.S. Bureau of the Census, of the population of each cell as of March 1, 1978, (approximate mid-point of the survey). The ratio adjustment was a multiplication factor of which the numerator was the U.S. population and the denominator



was the sum of the weights adjusted for nonresponse for examined persons. This ratio estimation process makes the sample more closely representative of the civilian, noninstitutionalized population of the U.S.

Potential bias of nonresponse. Usually a sizeable number of sample persons who initially are willing to complete the household information and some of the medical history questionnaire subsequently will not participate in the examination. This creates the potential for bias if these persons differ from other sample persons with respect to the variables being studied. Intense efforts were undertaken during NHANES II to develop and implement standard procedures and inducements that would reduce the number of nonrespondents and thereby reduce the potential for bias.

The user needs to be aware of and should explore the potential bias for nonresponse in any analysis of the NHANES II data.

TAPE POSITIONS 412-430, 431-443

Behavior Questions

The nineteen items found in tape positions 412-430 are taken verbatim from the 1965 edition of the Jenkins Activity Survey (JAS). It has been recommended that the second and nineteenth items (positions 413 and 430) not be scored. A more recent set of items for the JAS now exists and should be explored by any users of this data.

Five of the items explicitly deal with perceptions of one's job. In NHANES II, all sample persons ages 25-74 years were asked the entire set of behavior questionnaire items regardless of their age, sex, job status, etc. It was observed in the editing of the data that a number of people had trouble trying to answer some of the questions. No attempt was made to interpret and adjust or recode extraneous answers to these questions. All such uncertain responses were coded as '8' (Blank but applicable). This explains why some items have a large number of '8's coded as the response. Therefore, when analyzing these data for persons who do not work outside the home, one should exercise caution when interpreting scores (answers) to these questions. This may also apply to unemployed persons or persons who stated that they were not looking for a job. The JAS items may also be problematic for persons in the older age range (65-74 years) which includes retired persons.

It is also important to remember that this questionnaire was usually self-administered. For those persons whose most frequently used language was not English, the questionnaire may not be appropriate. These and other issues need to be examined as part of any analysis of these data.

The activity questions (tape positions 431-443) should also be examined and interpreted with similar thought and care knowing the procedure under which the data was collected.

V. APPENDIX A

DATA COLLECTION TECHNIQUES AND CONTENT

The plan developed with respect to the content of NHANES II called for the following:

A. QUESTIONNAIRES COMPLETED IN THE HOUSEHOLD

1. Household questionnaire: This questionnaire included for each household member items on family relationships and certain demographic variables such as age, sex, race, education, occupation, and veteran status. Also obtained were information on selected housing characteristics, family income, and an indication of the family's participation in food stamp programs.
2. Medical history questionnaires:
  - a. For each sample person 6 months-11 years of age  
The questionnaire included items on birth weight, prematurity, congenital conditions, medication, neurological conditions, lead poisoning, accidents, hospital care, disability, diarrhea, pica, vision, and a variety of chronic conditions. In addition, data were collected on allergies, kidney and bladder disease, anemia, speech and hearing, lung and chest conditions and participation in food programs.
  - b. For each sample person 12-74 years of age  
The questionnaire included items on medication, hospital care, tuberculosis, a variety of acute and chronic diseases, tobacco usage, physical activity, weight, height, vision disability, eating and gastrointestinal problems, and participation in food programs. Detailed data were collected on anemia, diabetes, respiratory conditions, hearing and speech, liver and gallbladder conditions, kidney and bladder disease, allergies, hypertension, cardiovascular conditions, stroke and arthritis (stressing middle and upper back and neck problems).

B. QUESTIONNAIRES ADMINISTERED IN THE MOBILE EXAMINATION CENTER

1. Dietary Questionnaires

- a. For each examined person, a 24-Hour Recall was administered by trained dietary interviewers. Specific and quantitative detail of every food or drink consumed during the previous day was recorded and calculated, thus providing estimates of calories, protein, carbohydrates, fat, unsaturated fats, cholesterol, and specific vitamins and minerals consumed.
  - b. For each examined person, a Food Frequency questionnaire was administered to ascertain usual patterns of food consumption. Daily and/or weekly consumption of foods within 26 subgroups were recorded. In addition, data were collected on usual vitamin-mineral supplement usage.
  - c. For each person 12-74 years of age, a Dietary Supplement form was self-administered and reviewed. This form provided information on special diets, recent medications and barriers to purchasing groceries or eating foods; it does not provide information on vitamin/mineral or other supplements to the diet.
2. Health History Supplement, for persons 12 through 74 years of age, included questions on cardiovascular and respiratory conditions, kidney and bladder disease, and arthritis in addition to those asked in the household Medical History. Also included were questions on pesticide exposure, smoking for persons 12 through 17 years of age, and a menstrual and pregnancy history for females.
3. Medications/Vitamin Usage form collected information on the past week's usage of any medicines, vitamins or minerals for all examined persons.
4. Behavior Questionnaire elicited data on behavior which may be associated with coronary heart disease for examined persons 25 through 74 years of age.

C. EXAMINATION BY PHYSICIAN

A physician performed and recorded the results of a medical examination giving special attention to specified findings related to nutrition, to hearing, to the thyroid gland, and to the cardiovascular, respiratory, neurological and musculoskeletal systems.

D. SPECIAL CLINICAL PROCEDURES AND TESTS

A specially trained health technician carried out the following on examined persons in the designated age ranges:

1. Spirometry trials of examined persons 6 through 24 years of age were digitized and recorded on magnetic tape. Various pulmonary function indicators such as FVC (forced vital capacity), FEV<sub>1</sub> (forced expiratory volume in one second), and peak flow rate were subsequently derived from these data.
2. Electrocardiograms were made on examined persons 25 through 74 years of age. Electrocardiographic signals were digitized and recorded on magnetic tape, providing normative data on amplitude, duration, interval and axis measurements and permitting interpretations of heart disease according to the Minnesota classification code.
3. Body Measurements were made on all examinees and included standing height or recumbent length, depending on age; body weight; triceps and subscapular skinfolds; and several other anthropometric measurements.
4. Pure tone audiometry tests were carried out on examined persons between the ages of 4 and 19 years, permitting determination of threshold levels of hearing for frequencies of 500, 1000, 2000, and 4000 Hertz for right and left ears.
5. Speech recording, involving use of tape recording of the subject's repetition of specially developed sentences, was carried out on examined persons between the ages of 4 and 6 years, permitting interpretations as an indication of problems with articulation and language development.

6. Allergy tests, involving skin tests (prick test) with eight common allergens (house dust, alternaria, cat fur, dog fur, ragweed, oak, rye grass, and Bermuda grass). The tests were made on examined persons between the ages of 6 and 74 years, to obtain degrees of skin reaction.

#### E. X-RAYS

For examined persons 25 through 74 years of age, two x-rays were made. No x-rays were taken of pregnant women and no lumbar x-rays were taken on women under 50 years of age.

1. X-rays of the cervical and lumbar spine were taken to provide evidence of osteoarthritis and degenerative disc disease, and an
2. X-ray of the chest was taken to be used in the diagnosis of respiratory diseases and to serve as a measure of left ventricular enlargement.

#### F. URINE TESTS

Tests as follows were performed on casual samples of urine:

1. N-Multistix tests for qualitative protein, glucose, ketones, bilirubin, blood, urobilinogen, pH, and bacteriuria (nitrite test) were done for examined persons 6 through 74 years of age.
2. Urinary sediments, including red cells, white cells, and casts, were measured for a subsample of examined adults 20 through 74 years of age.
3. Gonorrhea cultures of urinary sediments were performed for male and female examined persons 12 through 40 years of age. However, of those females who received the Glucose Tolerance Test (GTT), only those 20 through 24 years had the gonorrhea test performed.
4. Analyses for pesticide residue and metabolite levels were carried out on a subsample of examined persons 12 through 74 years of age, including measures of the body burdens from exposure to alkyl phosphate residues and metabolites, carbamate residues, phenolic compound residues and malathion metabolites.

G. TESTS ON BLOOD SAMPLES

Samples of blood provide a broad range of information related to health and nutrition. The particular tests performed varied with the specific target condition and age group as described on page 39 of the Series 1, No. 15 program description.<sup>8</sup>

1. Glucose tolerance test (GTT)

This test involved collection of blood specimens while in a fasting state as well as at one and two hours after glucose challenge. The test was performed on a subsample of examined adults 20 through 74 years of age to provide estimates of the prevalence of diabetes.

2. Tests related to liver function

- a. A post-prandial liver bile acid test was performed to measure the ability of the liver to remove bile acids from the blood. This involved consumption of a food preparation, which induces eventual addition of bile acids to the blood via contraction of the gallbladder, and subsequent collection of blood specimens.
- b. Liver biochemistries performed include bilirubin, SGOT, and alkaline phosphatase tests.

3. Anemia-related laboratory tests

The tests made to characterize anemia consisted of protoporphyrin, iron, total iron binding capacity (TIBC), zinc, copper, red cell folates, serum folates, serum ferritin, B<sub>12</sub>, and the determination of abnormal hemoglobin.

4. Other nutritional biochemistries

These tests included albumin, Vitamin A, and Vitamin C.

5. Serum lipids

Because of their important relevance to cardiovascular disease, determinations were made of cholesterol, triglycerides, and high density lipoprotein (HDL).

6. Biochemistries for body burden from environmental exposures

Determinations were made of body burden levels of lead and pesticide residues and metabolites. Tests were also performed for carboxyhemoglobin which reflects environmental exposure to carbon monoxide and the individual's smoking habits.

7. Hematology

The hematology included determinations of hemoglobin, hematocrit, red blood cell count, white blood cell count and differential leukocyte analysis, and red blood cell morphology and hemoglobin phenotyping.

8. Kidney function

The only quantitative test for kidney function performed on blood samples was the serum creatinine test.

9. Syphilis

The serology determinations for syphilis included qualitative and quantitative ART, a FTA-ABS and MHA-TP.



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