

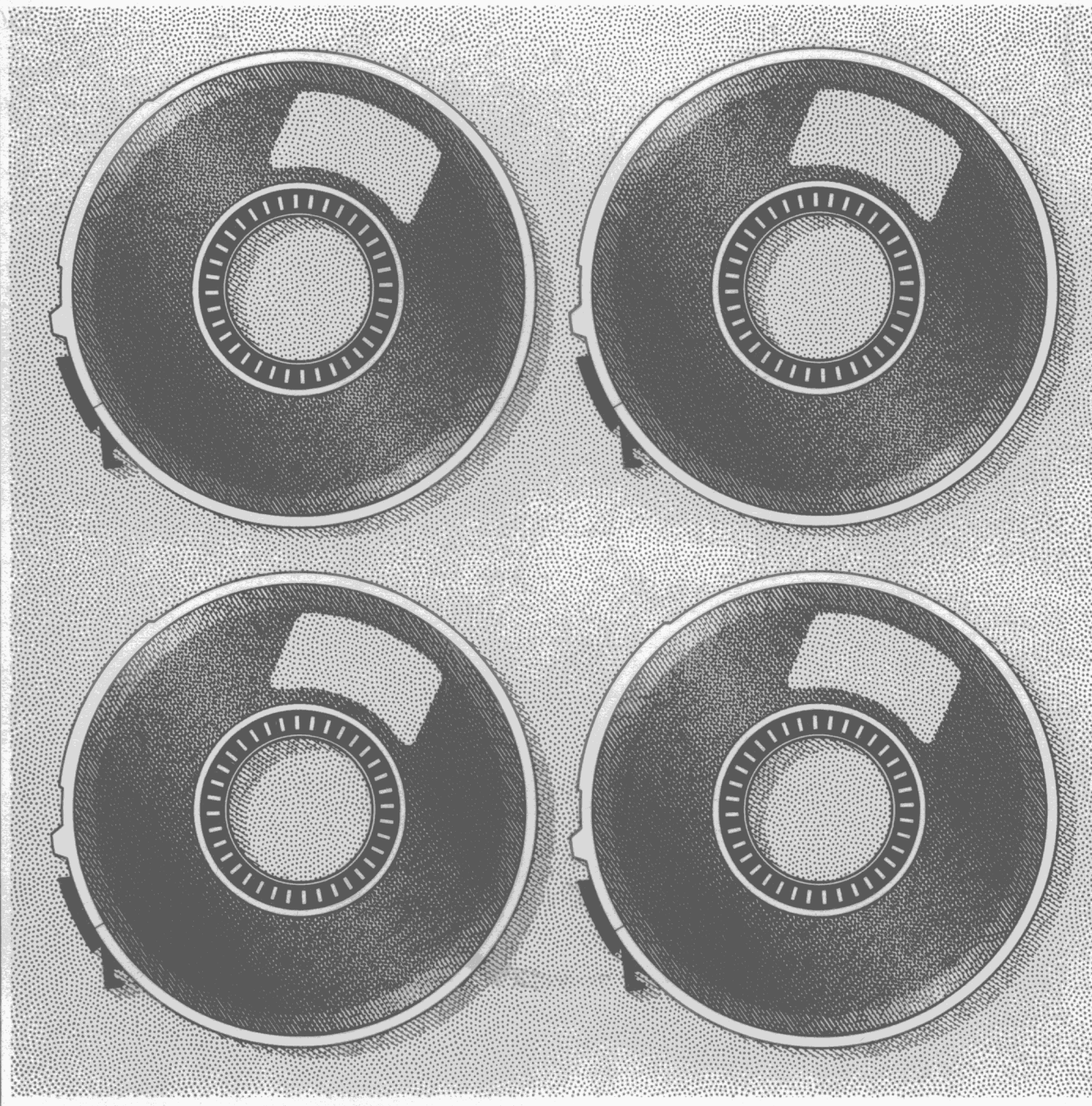
# Public Use Data Tape Documentation



Medical Examination  
Ages 1-74  
Tape Number 4233

National Health and Nutrition Examination Survey, 1971-75

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES • Public Health Service • Office of Health Research, Statistics, and Technology • National Center for Health Statistics



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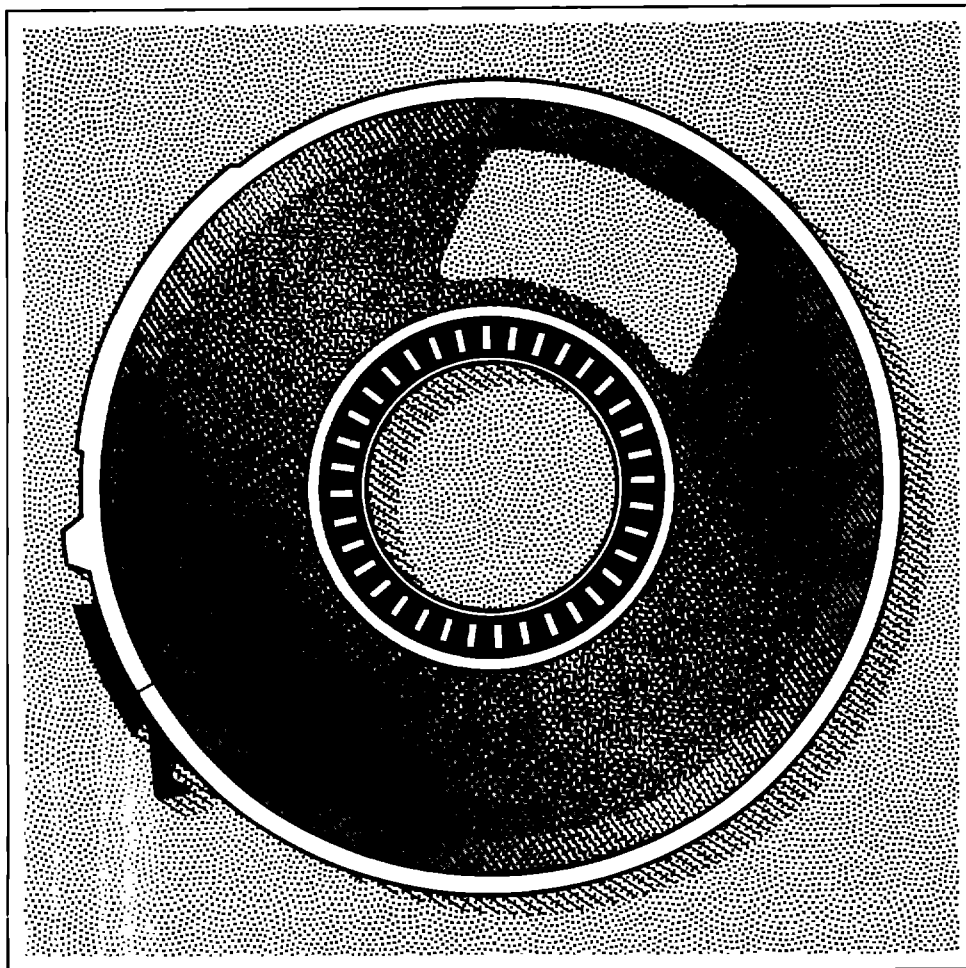
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Public Health Service  
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National Center for Health Statistics

Hyattsville, Maryland  
May 1981

The data compilation and documentation necessary for the Medical Examination (Ages 1-74) Data Tape were done by Wilbur Hadden, Kurt Maurer, Everette Collins, Evelyn Stanton, Dorothy Blodgett and Mary Dudley of the Division of Health Examination Statistics, National Center for Health Statistics. A special note of gratitude is due Darian Varga who patiently typed and retyped this material.

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## MEDICAL EXAMINATION (AGES 1-74) DATA TAPE

### Health and Nutrition Examination Survey, HANES I, 1971-1975

Description of Survey: A detailed description of the design, content and operation of HANES I is provided in the following reports: Plan and Operation of the Health and Nutrition Examination Survey, DHEW Pub. No. (HSM) 73-1310, Series 1, Nos. 10a and 10b, Public Health Service, Washington, D.C., U. S. Government Printing Office, February 1973. Also provided is a draft report on the augmentation survey of adults describing the relevant field work conducted between July 1974 and October 1975.

Target Population: HANES I was conducted on a nationwide probability sample of approximately 28,000 persons, ages 1-74 years, from the civilian, noninstitutionalized population of the coterminous United States, excepting those persons residing on Indian reservations. The survey started in April 1971 and for many survey components was completed in June 1974. The HANES I sample was selected so that certain population groups thought to be at high risk of malnutrition (persons with low incomes, preschool children, women of childbearing age and the elderly) were oversampled at known rates. Adjusted sampling weights were then computed within 60 age, sex and race categories in order to inflate the sample in such a manner as to closely reflect the noninstitutionalized population, ages 1-74 years, of the United States at the midpoint of the survey.

Although the main emphasis of HANES I was on nutrition, a subset of those sample persons aged 25-74 received a more detailed health examination which was continued through October 1975. No particular oversampling of subgroups of the population was done in this subsample (e.g., women of childbearing age were not oversampled as they were for the major nutrition component of HANES I). This subsample is also representative of the United States population aged 25-74 during the time of HANES I.

After the nutrition survey was completed, the detailed examination given to the 25-74 age group was continued until the total number of examined persons was approximately double the number of examinees who received the detailed examination during the nutrition survey.

In order to produce national estimates of the nutritional status of the U. S. population at an earlier date, a probability subsample of 35 of the 65 Primary Sampling Units (PSU's) was selected. This subsample also made it possible to produce national estimates of certain other aspects of health status in the population that were critically needed at an earlier date and examination components that for logistic reasons could not be continued for the remainder of the 65 PSU's. Included among the 35 PSU's were 10 of the 15 large certainty metropolitan areas and 1 PSU from each of the 25 noncertainty superstrata. The reduction from 15 to 10 large metropolitan areas was accomplished by randomly selecting one PSU from multiple-PSU standard metropolitan statistical areas; e.g., selecting the southern half of the Chicago SMSA to represent

the entire SMSA. (This selection procedure was based on operational considerations, and although unbiased, is recognized as not being statistically optimal.)

Data Collection: Information for all examined sample persons in HANES I was obtained by means of a household interview, a general medical history, a 24-hour dietary intake recall interview, a food frequency interview, a food program questionnaire, a general medical examination, dental, dermatological and ophthalmological examinations, anthropometric measurement, hand-wrist x-rays (of those ages 1-17 only) and 24 hematological, blood chemistry, and urological laboratory determinations.

In addition to the information received on all examined persons by means of the above questionnaires, procedures and measurements, the following data were gathered on the subsample of adults aged 25-74: a medical history supplement; supplementary questionnaires concerning arthritis, respiratory and cardiovascular conditions (when applicable); a health care needs questionnaire; a general well-being questionnaire; an extended medical examination; x-rays of the chest and hip and knee joints; audiometry; electrocardiography; goniometry; spirometry; pulmonary diffusion and tuberculin tests, along with additional laboratory determinations.

#### Use of HANES Data

With the goal of mutual benefit, NCHS requests the cooperation of recipients of data tapes in certain actions related to their use:

- A. Any published material derived from the data should acknowledge the National Center for Health Statistics as the original source. It should include also a disclaimer which credits any analyses, interpretations, or conclusions reached to the author (recipient of the tape) and not to NCHS, which is responsible only for the initial data.
- B. Consumers who wish to publish a technical description of the data will make a reasonable effort to insure that the description is not inconsistent with that published by NCHS. This does not mean, however, that NCHS will review such descriptions.

### Errors in the Data Sets and Survey Differences

The data users' tapes have been subjected to a great deal of careful editing. However, due to the large volume of data in the series, it is likely that a small number of errors or discrepancies remain undetected. We would appreciate if any such errors are detected that they be brought to our attention so that new corrected copies of the tape can be created and errata sheets issued to previous purchasers.

Some of the continuous data items have extremely high or low values and we have verified that they do in fact appear that way on the hard documents; that is, we have verified that the values have not been incorrectly keyed.

In general, we have not attempted to resolve any differences that may exist between estimates derived from the various subsamples of HANES I. Nor have we made any comparisons between estimates from HANES I and previous surveys conducted by the Division of Health Examination Statistics.

### Variance Estimation

Because the Health and Nutrition Examination Survey is based upon a complex sample design, the assumptions of many statistical tests and routinely available statistical programs are not met. For this reason, when estimates of the variances of statistics from HANES are computed, the technique of estimation must be based upon complex sampling theory. In order to provide the user with the capability of estimating the complex sample variances, we have provided Strata and Primary Sampling Unit (PSU) codes on the HANES user tapes in tape positions 194-198. However, these codes are suitable for making variance estimates only for examination locations 1-65 and 1-100. To compute variance estimates for examination locations 1-35 or 66-100, it is necessary to recode the current Strata-PSU codes according to the specifications that follow. The resultant recoded Strata-PSU codes should be used only for locations 1-35 and 66-100.

One computer program that should be widely available sometime around the summer of 1978 as part of the Statistical Analysis System (available from the SAS Institute, Inc., Post Office Box 10066, Raleigh, North Carolina 27605) is capable of using the Strata-PSU codes provided for HANES to compute complex sample variances. Other programs may also be available.

In those Strata, referred to as certainty or self-representing Strata, the PSU codes are actually the segment numbers. Neither the Strata codes nor the PSU codes are the original codes used in the formation of the HANES sample design, but are none-the-less a unique recoding of the original codes. For further discussion of the sample design of HANES, the user should consult the publications of the National Center for Health Statistics-- Series 1-Mon 10a and 14 and the detailed notes for tape positions 150-197.

### Recode Specifications for Strata-PSU Codes

First.--Create a file with only those records in the file for examination locations 1-35.\*

Second.--Retain the original Strata-PSU codes in Strata 7-10 and 13 in the original form as the recoded Strata-PSU codes.

Third.--Recode the remaining strata according to the chart below.

Fourth.--Repeat the process for examination locations 66-100.\*

| Old Strata #<br>(tape positions 194-195) | New Strata # | New PSU # |
|------------------------------------------|--------------|-----------|
| 01                                       | 01           | 001       |
| 02                                       | 01           | 002       |
| 03                                       | 03           | 001       |
| 06                                       | 03           | 002       |
| 04                                       | 04           | 001       |
| 05                                       | 04           | 002       |
| 11                                       | 11           | 001       |
| 12                                       | 11           | 002       |
| 14                                       | 14           | 001       |
| 21                                       | 14           | 002       |
| 15                                       | 15           | 001       |
| 16                                       | 15           | 002       |
| 17                                       | 17           | 001       |
| 20                                       | 17           | 002       |
| 18                                       | 18           | 001       |
| 19                                       | 18           | 002       |
| 22                                       | 22           | 001       |
| 25                                       | 22           | 002       |
| 23                                       | 23           | 001       |
| 24                                       | 23           | 002       |
| 26                                       | 26           | 001       |
| 27                                       | 26           | 002       |
| 28                                       | 23           | 001       |
| 29                                       | 23           | 002       |
| 30                                       | 30           | 001       |
| 35                                       | 30           | 002       |
| 31                                       | 31           | 001       |
| 32                                       | 31           | 002       |
| 33                                       | 33           | 001       |
| 34                                       | 33           | 002       |

\*See detailed note for tape positions 151-155.

Tape Characteristics

Title: Medical Examination (Ages 1-74) Data Tape

Catalog Number: 4233

Data Set Name: HEHANESI.DU425303

Record Length: 850

Blocksize: 3400

Number of Records: 23808

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

### General Notes

Asterisks on the Tape Description: Some of the data items were obtained only for a particular subsample of HANES. Consequently some of these items appear to have a great deal of missing data (coded as BLANK) due to nonresponse, but in fact the data are missing because the design of HANES dictated that the item was to be obtained only for a particular subsample. (For further discussion of the various subsamples in HANES the user should see the detailed note for tape positions 158-193.)

To alert the user to this fact asterisks were put on the tape description. One asterisk denotes that the data item was obtained only on examinees in locations 1-65. Two asterisks denote that the data item was obtained only on examinees in locations 66-100.

Demographic Information: 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 sample area. The interviewer subsequently visited the household to ascertain its composition and to administer a questionnaire, the primary purpose of which was to obtain demographic information. The questionnaire was administered to each potential sample person that was available and competent enough to respond to questions. In the event that a potential sample person was not at home at the time of interview, any responsible adult in the household was asked to respond to the questions for the absent person.

Demographic information for each of the examinees appears in tape positions 1-200.

Medical Examination: Sample persons were examined by a physician with the aid of a nurse. All examinees were given a general examination which focused on the clinical signs of nutritional deficiencies although the physician was given instructions to record any other abnormal findings he observed. Those in the detailed sample were examined more thoroughly with additional emphasis given to the cardiovascular, respiratory, and musculoskeletal systems, and the ears, nose and throat. During the augmentation survey in 1974 and 1975 the physicians also examined the sample persons' ocular fundi. The examination of those receiving only the general examination generally took about 15 minutes and the examination of those in the detailed sample generally took about 25 minutes.

Limitations of the Data: The general and detailed medical examinations were special examinations tailored to meet the objectives and limitations of the survey and were not intended to be complete medical examinations. In general, the data are the physicians' clinical impressions based on a one-time only examination and the sample persons' medical histories; the prevalence of conditions which cannot be identified under these conditions is not accurately recorded in the survey. For those persons in the detailed examination sample both the nutrition and detailed forms were filled out despite the fact that there was some overlap in the forms. Given the emphasis in the detailed examination on cardiovascular, musculoskeletal and respiratory systems, conditions relating to these

systems are more accurately coded on the detailed examination form (tape positions 425-799), and findings relating to other systems may be found more frequently on the general examination form (tape positions 225-361).

The medical examination forms were keyed by the Bureau of the Census and delivered to the Center on tape. Center personnel checked the data for completeness and consistency, verifying problems where possible by reference to microfilm records of the original forms. Further edits for coding and keypunching mistakes were made in an effort to make the data as accurate as possible. Medical and other Division staff also reviewed the microfilm of the general examination form and coded physicians' entries under "other, please specify" as ICDA codes (see documentation and detailed notes for tape positions 335-559 and 725-799).

# DEMOGRAPHIC DATA SUMMARY - HANES I

|                                                                                                                   | <u>Tape<br/>Positions</u> |
|-------------------------------------------------------------------------------------------------------------------|---------------------------|
| Sample sequence number .....                                                                                      | 1                         |
| Size of place .....                                                                                               | 10                        |
| SMSA-not SMSA .....                                                                                               | 11                        |
| Type of living quarters .....                                                                                     | 12                        |
| Land usage .....                                                                                                  | 13                        |
| <br>If rural, asked - How many acres of land are included .....                                                   | <br>14                    |
| If 10 acres or more asked - Sale of crops, etc. amount to \$50 or more ..                                         | 15                        |
| If 10 acres or less asked - Sale of crops, etc. amount to \$250 or more ..                                        | 16                        |
| Age - head of household .....                                                                                     | 17                        |
| Sex - head of household .....                                                                                     | 19                        |
| <br>Highest grade attended - "head of household .....                                                             | <br>20                    |
| Race - head of household .....                                                                                    | 22                        |
| Total number of persons in household .....                                                                        | 23                        |
| Total sample persons in household .....                                                                           | 25                        |
| Number of rooms in house .....                                                                                    | 27                        |
| <br>Is there piped water .....                                                                                    | <br>28                    |
| If yes, is there hot and cold piped water .....                                                                   | 29                        |
| If yes to piped water - Does house have a sink with piped water .....                                             | 30                        |
| Does house have a range or cook stove .....                                                                       | 31                        |
| Does house have a refrigerator.....                                                                               | 32                        |
| <br>Are kitchen facilities used by anyone not living in household .....                                           | <br>33                    |
| Total family income group .....                                                                                   | 34                        |
| <br>NOTE: The following income questions were asked <u>only</u> if "Total Family<br>Income" was less than \$7,000 |                           |
| <br>During Past Year Did you or Any Members of Your Family Receive Money From:                                    |                           |
| Wages or salaries .....                                                                                           | 36                        |
| If yes - How much altogether before deductions .....                                                              | 37                        |
| Social Security or Railroad Retirement .....                                                                      | 41                        |
| If yes - How much altogether .....                                                                                | 42                        |
| Welfare payments or other public assistance .....                                                                 | 45                        |
| <br>If yes - How much altogether .....                                                                            | <br>47                    |
| Unemployment or Workman's Compensation .....                                                                      | 51                        |
| If yes - How much altogether .....                                                                                | 52                        |
| Government employee pensions or private pensions .....                                                            | 54                        |
| If yes - How much altogether .....                                                                                | 57                        |

|                                                                                                                             | <u>Tape<br/>Positions</u> |
|-----------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Dividends, interest or rent .....                                                                                           | 61                        |
| If yes - How much altogether .....                                                                                          | 62                        |
| Net income from own non-farm business, professional practice or<br>partnership .....                                        | 66                        |
| If yes - How much altogether .....                                                                                          | 67                        |
| Net income from a farm .....                                                                                                | 71                        |
| <br>If yes - How much altogether .....                                                                                      | <br>72                    |
| Veteran's payments .....                                                                                                    | 76                        |
| If yes - How much altogether .....                                                                                          | 77                        |
| Alimony, child support or contributions from persons not living in<br>household .....                                       | 81                        |
| If yes - How much altogether .....                                                                                          | 82                        |
| <br>Any other income .....                                                                                                  | <br>86                    |
| If yes - How much altogether .....                                                                                          | 87                        |
| Total amount .....                                                                                                          | 91                        |
| Family unit code .....                                                                                                      | 95                        |
| Relationship to head of household .....                                                                                     | 100                       |
| <br>Age at interview .....                                                                                                  | <br>101                   |
| Race of examined person .....                                                                                               | 103                       |
| Sex of examined person .....                                                                                                | 104                       |
| Marital status .....                                                                                                        | 105                       |
| Date of birth (month and year) .....                                                                                        | 106                       |
| <br>Place of birth .....                                                                                                    | <br>110                   |
| Highest grade of regular school ever attended .....                                                                         | 112                       |
| Did he finish the grade .....                                                                                               | 114                       |
| Is he attending school now .....                                                                                            | 115                       |
| Has he ever attended a school of any kind .....                                                                             | 116                       |
| <br>If yes - What kind of school .....                                                                                      | <br>117                   |
| Is any language other than English frequently spoken in the household .                                                     | 118                       |
| If yes - What language .....                                                                                                | 119                       |
| What is your main ancestry or national origin .....                                                                         | 120                       |
| What was he doing most of past three months .....                                                                           | 122                       |
| <br>If "something else" - What was he doing .....                                                                           | <br>123                   |
| If "keeping house" or "something else" - Did he work at a job or<br>business at any time during the past three months ..... | 124                       |
| If "working" - Did he work full-time or part-time .....                                                                     | 125                       |
| Did he work at any time last week or the week before (not around house)                                                     | 126                       |
| If so - Even though he did not work during that time, does he have<br>a job or business .....                               | 127                       |

|                                                                                          | <u>Tape<br/>Positions</u> |
|------------------------------------------------------------------------------------------|---------------------------|
| Was he looking for work or on lay-off from a job .....                                   | 128                       |
| If yes - Which .....                                                                     | 129                       |
| Class of worker .....                                                                    | 130                       |
| If self-employed in "own" business and not a farm, is the business<br>incorporated ..... | 131                       |
| Business or industry code .....                                                          | 132                       |
| Occupation code .....                                                                    | 135                       |
| Date of examination .....                                                                | 138                       |
| Age at examination .....                                                                 | 144                       |
| Farm/non-farm .....                                                                      | 146                       |
| Poverty index .....                                                                      | 147                       |
| Region .....                                                                             | 150                       |
| FOOD PROGRAMS APPLICABILITY .....                                                        | 151                       |
| Are you certified to participate in the food stamp program? .....                        | 152                       |
| Are you buying food stamps now? .....                                                    | 153                       |
| What is the main reason you aren't participating in the program? .....                   | 154                       |
| Are you certified to participate in the commodity distribution program? .....            | 155                       |
| Are you receiving commodity foods now for your family? .....                             | 156                       |
| Why aren't you participating in the program? .....                                       | 157                       |
| SAMPLE WEIGHTS .....                                                                     | 158                       |
| STRATA - Primary Sampling Unit (PSU) .....                                               | 194                       |

# GENERAL MEDICAL EXAMINATION (AGES 1-74) DATA SUMMARY - HANES I

Tape  
Positions

CATALOGUE NUMBER - 4233 ..... 201

Pulse ..... 225

## BLOOD PRESSURE

\* Systolic ..... 228  
\* Diastolic ..... 231

## HEAD, EYES, EARS, NOSE AND THROAT

Findings/No findings ..... 234  
Dry, staring hair ..... 235  
Dyspigmented hair ..... 236  
Easily pluckable hair ..... 237  
Abnormal texture or loss of curl ..... 238  
Circumcorneal injection ..... 239  
Conjunctival injection ..... 240  
Angular blepharitis ..... 241  
Xerosis ..... 242  
Bitot's spots ..... 243  
Keratomalacia ..... 244  
Kerophthalmia ..... 245  
Angular lesions of lips ..... 246  
Angular scars of lips ..... 247  
Cheilosis ..... 248  
Filiform papillary atrophy of tongue ..... 249  
Fungiform papillary hypertrophy of tongue ..... 250  
Geographic tongue ..... 251  
Fissures of tongue ..... 252  
Serrations or swelling of tongue ..... 253  
Scarlet beefy tongue ..... 254  
Magenta tongue ..... 255  
Naso-labial seborrhea ..... 256  
Visible enlarged parotids ..... 257  
Rossing of skull ..... 258  
Other ..... 259

## TEETH AND ORAL CAVITY

Teeth ..... 260  
Oral cavity ..... 261  
Gingivitis ..... 262  
Periodontitis ..... 263  
Dental caries ..... 264  
Dental restorations ..... 265  
Dental prostheses ..... 266  
Dental trauma ..... 267  
Dental hygiene ..... 268

# GENERAL MEDICAL EXAMINATION (AGES 1-74) DATA SUMMARY (Cont.)

Tape  
Positions

## CHEST EVALUATION

|                                               |     |
|-----------------------------------------------|-----|
| Findings/No findings .....                    | 266 |
| Beading of ribs .....                         | 267 |
| Follicular hyperkeratosis of upper back ..... | 268 |
| Wheezing on auscultation (diffuse) .....      | 269 |
| Wheezing on auscultation (focal) .....        | 270 |
| Decreased breath sounds .....                 | 271 |
| Other findings .....                          | 272 |

## CARDIOVASCULAR EVALUATION

|                            |     |
|----------------------------|-----|
| Findings/No findings ..... | 273 |
| Cyanosis .....             | 274 |
| Irregular pulse .....      | 275 |
| Cardiac murmur .....       | 276 |
| Other findings .....       | 277 |

## ABDOMINAL EVALUATION

|                                   |     |
|-----------------------------------|-----|
| Findings/No findings .....        | 278 |
| Hepatomegaly .....                | 279 |
| Splenomegaly .....                | 280 |
| Uterine enlargement .....         | 281 |
| Umbilical hernia .....            | 282 |
| Pot belly .....                   | 283 |
| Mass(es) .....                    | 284 |
| Area(s) of mass(es) .....         | 285 |
| Other findings .....              | 290 |
| Surgical scars .....              | 291 |
| Area(s) of surgical scar(s) ..... | 292 |
| Other findings .....              | 297 |

## MUSCULOSKELETAL EVALUATION

|                                      |     |
|--------------------------------------|-----|
| Findings/No findings .....           | 306 |
| Bowed legs .....                     | 307 |
| Knock knees .....                    | 308 |
| Epiphysial enlargement, wrists ..... | 309 |
| Other findings .....                 | 310 |

## NEUROLOGICAL EVALUATION

|                                |     |
|--------------------------------|-----|
| Findings/No findings .....     | 311 |
| Absent knee jerks .....        | 312 |
| Absent ankle jerks .....       | 313 |
| Positive Chvostek sign .....   | 314 |
| Ataxia .....                   | 315 |
| Marked hyperirritability ..... | 316 |
| Other .....                    | 317 |

# GENERAL MEDICAL EXAMINATION (AGES 1-74) DATA SUMMARY (Cont.)

Tape  
Positions

## SKIN EVALUATION

|                                         |     |
|-----------------------------------------|-----|
| Findings/No findings .....              | 318 |
| Follicular hyperkeratosis, arms .....   | 319 |
| Hyperpigmentation, hands and face ..... | 320 |
| Dry or scaling skin .....               | 321 |
| Perifolliculosis .....                  | 322 |
| Petechial .....                         | 323 |
| Mosaic skin .....                       | 324 |
| Pellagrous dermatitis .....             | 325 |
| Ecchymoses .....                        | 326 |
| Other findings .....                    | 327 |

## GENERAL EVALUATION

|                                                                 |     |
|-----------------------------------------------------------------|-----|
| Findings/No findings .....                                      | 328 |
| Summary of Findings by ICD Codes (nine possible findings) ..... | 333 |
| Examiner's Subjective Impression of Nutritional Status .....    | 360 |
| Obesity .....                                                   | 361 |
| Temperature .....                                               | 362 |

## EXTERNAL EAR (Except canal)

|                                        |     |
|----------------------------------------|-----|
| Findings/No findings (right ear) ..... | 425 |
| Findings/No findings (left ear) .....  | 426 |
| Operative scar - right .....           | 427 |
| Operative scar - left .....            | 423 |
| Other - right .....                    | 429 |
| Other - left .....                     | 430 |
| Pierced ears .....                     | 431 |

## AUDITORY CANAL

|                                        |     |
|----------------------------------------|-----|
| Findings/No findings - right ear ..... | 432 |
| Findings/No findings - left ear .....  | 433 |
| Occluded - right .....                 | 434 |
| Occluded - left .....                  | 435 |
| Occluded by - right .....              | 436 |
| Occluded by - left .....               | 437 |
| Drum - right .....                     | 438 |
| Drum - left .....                      | 439 |
| Dull-transparent - right .....         | 440 |
| Dull-transparent - left .....          | 441 |
| Flaccid-retracted - right .....        | 442 |
| Flaccid-retracted - left .....         | 443 |
| Contracted-retracted - right .....     | 444 |
| Contracted-retracted - left .....      | 445 |

## GENERAL MEDICAL EXAMINATION (AGES 1-74) DATA SUMMARY (Cont.)

Tape  
PositionsAUDITORY CANAL - continued

|                                        |     |
|----------------------------------------|-----|
| Other findings - right .....           | 446 |
| Other findings - left .....            | 447 |
| Red, other discoloration - right ..... | 448 |
| Red, other discoloration - left .....  | 449 |
| Fluid - right .....                    | 450 |
| Fluid - left .....                     | 451 |
| Scars - right .....                    | 452 |
| Scars - left .....                     | 453 |
| Perforated - right .....               | 454 |
| Perforated - left .....                | 455 |
| Nares - right .....                    | 456 |
| Nares - left .....                     | 457 |
| Obstruction - right .....              | 458 |
| Obstruction - left .....               | 459 |

OTHER SIGNIFICANT FINDINGS

|                                    |     |
|------------------------------------|-----|
| Deviated septum - right .....      | 460 |
| Deviated septum - left .....       | 461 |
| Swollen turbinates - right .....   | 462 |
| Swollen turbinates - left .....    | 463 |
| Chronic inflammation - right ..... | 464 |
| Chronic inflammation - left .....  | 465 |
| Other - right .....                | 466 |
| Other - left .....                 | 467 |

NECK

|                            |     |
|----------------------------|-----|
| Findings/No findings ..... | 468 |
| Adenopathy .....           | 469 |
| Tracheal deviation .....   | 470 |
| Other .....                | 471 |

CHEST AUSCULTATION

|                                                                  |     |
|------------------------------------------------------------------|-----|
| Findings/No findings .....                                       | 472 |
| Right chest - upper lobe (diminished/absent breath sounds) ..... | 473 |
| Bronchial breath sounds .....                                    | 474 |
| Rales .....                                                      | 475 |
| Rhonchi .....                                                    | 476 |
| Wheeze .....                                                     | 477 |
| Middle lobe (diminished/absent breath sounds) .....              | 478 |
| Bronchial breath sounds .....                                    | 479 |
| Rales .....                                                      | 480 |
| Rhonchi .....                                                    | 481 |
| Wheeze .....                                                     | 482 |

# GENERAL MEDICAL EXAMINATION (AGES 1-74) DATA SUMMARY (Cont.)

Tape  
Positions

## CHEST AUSCULTATION - continued

|                                                                 |     |
|-----------------------------------------------------------------|-----|
| Lower lobe (diminished/absent breath sounds) .....              | 483 |
| Bronchial breath sounds .....                                   | 484 |
| Rales .....                                                     | 485 |
| Rhonchi .....                                                   | 486 |
| Wheeze .....                                                    | 487 |
| Left chest - upper lobe (diminished/absent breath sounds) ..... | 488 |
| Bronchial breath sounds .....                                   | 489 |
| Rales .....                                                     | 490 |
| Rhonchi .....                                                   | 491 |
| Wheeze .....                                                    | 492 |
| Lower lobe (diminished/absent breath sounds) .....              | 493 |
| Bronchial breath sounds .....                                   | 494 |
| Rales .....                                                     | 495 |
| Rhonchi .....                                                   | 496 |
| Wheeze .....                                                    | 497 |
| Other chest findings .....                                      | 498 |

## HEART

|                                |     |
|--------------------------------|-----|
| Point of maximal impulse ..... | 499 |
| Interspace .....               | 500 |
| Midclavicular .....            | 501 |
| Thrills .....                  | 502 |
| † Systolic .....               | 503 |
| † Diastolic .....              | 504 |
| First heart sound .....        | 505 |
| Second heart sound .....       | 506 |

## Murmurs

|                                    |     |
|------------------------------------|-----|
| If murmur - type (systolic) .....  | 508 |
| If murmur - type (diastolic) ..... | 509 |

## Location of murmurs

|                               |     |
|-------------------------------|-----|
| Apex-systolic .....           | 510 |
| Apex-diastolic .....          | 511 |
| Midprecordium-systolic .....  | 512 |
| Midprecordium-diastolic ..... | 513 |
| Left base-systolic .....      | 514 |
| Left base-diastolic .....     | 515 |
| Right base-systolic .....     | 516 |
| Right base-diastolic .....    | 517 |

## Left heart failure

|                               |     |
|-------------------------------|-----|
| Apex-systolic .....           | 518 |
| Apex-diastolic .....          | 519 |
| Midprecordium-systolic .....  | 520 |
| Midprecordium-diastolic ..... | 521 |

# GENERAL MEDICAL EXAMINATION (AGES 1-74) DATA SUMMARY (Cont.)

Tape  
Positions

## Murmurs - Origin - continued

|                  |     |
|------------------|-----|
| ASD .....        | 522 |
| VSD .....        | 523 |
| Other .....      | 524 |
| Don't know ..... | 525 |

## Other Cardiac or Cardiovascular Findings

|              |     |
|--------------|-----|
| Yes/No ..... | 526 |
|--------------|-----|

## If findings---

|                            |     |
|----------------------------|-----|
| Edema .....                | 527 |
| Other .....                | 528 |
| Neck vein distension ..... | 529 |

## PULSE - ARTERIAL EVALUATION

### Palpation

|                            |     |
|----------------------------|-----|
| Right radial .....         | 530 |
| Right femoral .....        | 531 |
| Right dorsalis pedis ..... | 532 |
| Left radial .....          | 533 |
| Left femoral .....         | 534 |
| Left dorsalis pedis .....  | 535 |

### Pulsations

|                            |     |
|----------------------------|-----|
| Right radial .....         | 536 |
| Right femoral .....        | 537 |
| Right dorsalis pedis ..... | 538 |
| Other .....                | 539 |
| Left radial .....          | 540 |
| Left femoral .....         | 541 |
| Left dorsalis pedis .....  | 542 |
| Other .....                | 543 |

## KNEES

|                            |     |
|----------------------------|-----|
| Findings/No findings ..... | 544 |
|----------------------------|-----|

## Bony Irregularity

|                       |     |
|-----------------------|-----|
| Genu varum .....      | 545 |
| Genu valgum .....     | 546 |
| Genu recurvatum ..... | 547 |
| Fixed flexion .....   | 548 |
| Other .....           | 549 |

GENERAL MEDICAL EXAMINATION (AGES 1-74) DATA SUMMARY (Cont.)

Tape  
Positions

KNEES - continued

Pain on motion

|                                      |     |
|--------------------------------------|-----|
| Right medial (active/passive) .....  | 550 |
| Right medial (tenderness) .....      | 551 |
| Right lateral (active/passive) ..... | 552 |
| Right lateral (tenderness) .....     | 553 |
| Right diffuse (active/passive) ..... | 554 |
| Right diffuse (tenderness) .....     | 555 |
| Left medial (active/passive) .....   | 556 |
| Left medial (tenderness) .....       | 557 |
| Left lateral (active/passive) .....  | 558 |
| Left lateral (tenderness) .....      | 559 |
| Left diffuse (active/passive) .....  | 560 |
| Left diffuse (tenderness) .....      | 561 |

Tenderness

|                           |     |
|---------------------------|-----|
| Right suprapatellar ..... | 562 |
| Left suprapatellar .....  | 563 |
| Right infrapatellar ..... | 564 |
| Left infrapatellar .....  | 565 |

Other findings

|                                 |     |
|---------------------------------|-----|
| Swelling .....                  | 566 |
| Fluid .....                     | 567 |
| Soft tissue proliferation ..... | 568 |
| Subpatellar crepitus .....      | 569 |
| Muscular wasting thigh .....    | 570 |
| Other .....                     | 571 |

HIPS

|                            |     |
|----------------------------|-----|
| Findings/No findings ..... | 572 |
|----------------------------|-----|

Pain on motion

|                                   |     |
|-----------------------------------|-----|
| Extension (active) .....          | 573 |
| Extension (passive) .....         | 574 |
| Flexion (active) .....            | 575 |
| Flexion (passive) .....           | 576 |
| Abduction (active) .....          | 577 |
| Abduction (passive) .....         | 578 |
| Adduction (active) .....          | 579 |
| Adduction (passive) .....         | 580 |
| Internal rotation (active) .....  | 581 |
| External rotation (passive) ..... | 582 |
| Internal rotation (passive) ..... | 583 |
| External rotation (active) .....  | 584 |

## GENERAL MEDICAL EXAMINATION (AGES 1-74) DATA SUMMARY (Cont.)

Tape  
PositionsHIPS - continuedOther findings

|                                 |     |
|---------------------------------|-----|
| Muscle wastings (gluteal) ..... | 585 |
| Trochanter tenderness .....     | 586 |
| Groin tenderness .....          | 587 |
| Other .....                     | 588 |

JOINTS

|                            |     |
|----------------------------|-----|
| Findings/No findings ..... | 589 |
|----------------------------|-----|

Shoulder

|                      |     |
|----------------------|-----|
| Tender .....         | 590 |
| Swelling .....       | 591 |
| Deformity .....      | 592 |
| Limitation .....     | 593 |
| Pain on motion ..... | 594 |
| Other .....          | 595 |

Elbow

|                      |     |
|----------------------|-----|
| Tender .....         | 596 |
| Swelling .....       | 597 |
| Deformity .....      | 598 |
| Limitation .....     | 599 |
| Pain on motion ..... | 600 |
| Other .....          | 601 |

Wrist

|                      |     |
|----------------------|-----|
| Tender .....         | 602 |
| Swelling .....       | 603 |
| Deformity .....      | 604 |
| Limitation .....     | 605 |
| Pain on motion ..... | 606 |
| Other .....          | 607 |

Metacarpophalangeal (Number involved)

|                                   |     |
|-----------------------------------|-----|
| Tender - right/left .....         | 608 |
| Swelling - right/left .....       | 610 |
| Deformity - right/left .....      | 612 |
| Limitation - right/left .....     | 614 |
| Pain on motion - right/left ..... | 616 |
| Other - right/left .....          | 618 |

GENERAL MEDICAL EXAMINATION (AGES 1-74) DATA SUMMARY (Cont.)

Tape  
Positions

Proximalinterphalangeal (Number involved)

|                                   |     |
|-----------------------------------|-----|
| Tender - right/left .....         | 620 |
| Swelling - right/left .....       | 622 |
| Deformity - right/left .....      | 624 |
| Limitation - right/left .....     | 626 |
| Pain on motion - right/left ..... | 628 |
| Other - right/left .....          | 630 |

Distalinterphalangeal (Number involved)

|                                      |     |
|--------------------------------------|-----|
| Tender - right/left .....            | 632 |
| Swelling - right/left .....          | 634 |
| Deformity - right/left .....         | 636 |
| Limitation - right/left .....        | 638 |
| Herberden's Nodes - right/left ..... | 640 |
| Pain on motion - right/left .....    | 642 |
| Other - right/left .....             | 644 |

Ankle Joints

|                      |     |
|----------------------|-----|
| Tender .....         | 646 |
| Swelling .....       | 647 |
| Deformity .....      | 648 |
| Limitation .....     | 649 |
| Pain on motion ..... | 650 |
| Other .....          | 651 |

Feet

|                      |     |
|----------------------|-----|
| Tender .....         | 652 |
| Swelling .....       | 653 |
| Deformity .....      | 654 |
| Limitation .....     | 655 |
| Pain on motion ..... | 656 |
| Other .....          | 657 |

BACK

|                            |     |
|----------------------------|-----|
| Findings/No findings ..... | 658 |
|----------------------------|-----|

IF findings---

|                       |     |
|-----------------------|-----|
| Posture .....         | 659 |
| Range of motion ..... | 660 |
| Deformity .....       | 661 |
| Swelling .....        | 662 |
| Pain .....            | 663 |
| Other .....           | 664 |

## GENERAL MEDICAL EXAMINATION (AGES 1-74) DATA SUMMARY (Cont.)

Tape  
PositionsBACK - continuedLimitation on motion

|                                                 |     |
|-------------------------------------------------|-----|
| Cervical spine .....                            | 665 |
| Thoracic spine .....                            | 666 |
| Lumbar spine flexion .....                      | 667 |
| Lumbar spine - right/left lateral flexion ..... | 668 |
| Full extension .....                            | 670 |
| Pain on motion .....                            | 671 |

Flexion

|                 |     |
|-----------------|-----|
| Cervical .....  | 672 |
| Thoracic .....  | 673 |
| Low back .....  | 674 |
| Diffuse .....   | 675 |
| Uncertain ..... | 676 |

Extension

|                 |     |
|-----------------|-----|
| Cervical .....  | 677 |
| Thoracic .....  | 678 |
| Low back .....  | 679 |
| Diffuse .....   | 680 |
| Uncertain ..... | 681 |

Right/Left Lateral Bending

|                 |     |
|-----------------|-----|
| Cervical .....  | 682 |
| Thoracic .....  | 683 |
| Low back .....  | 684 |
| Diffuse .....   | 685 |
| Uncertain ..... | 686 |

Right/Left Rotation

|                 |     |
|-----------------|-----|
| Cervical .....  | 687 |
| Thoracic .....  | 688 |
| Low back .....  | 689 |
| Diffuse .....   | 690 |
| Uncertain ..... | 691 |

STRAIGHT-LEG RAISING TEST

|                                            |     |
|--------------------------------------------|-----|
| Right leg - negative/positive .....        | 701 |
| Increase of angle .....                    | 702 |
| Left leg - negative/positive .....         | 703 |
| Increase of angle .....                    | 704 |
| Other systems--findings, No findings ..... | 705 |

GENERAL MEDICAL EXAMINATION (AGES 1-74) DATA SUMMARY (Cont.)

Tape  
Positions

BLOOD PRESSURE

|                              |     |
|------------------------------|-----|
| Time .....                   | 707 |
| AM or PM .....               | 711 |
| *Recumbent - systolic .....  | 712 |
| *Recumbent - diastolic ..... | 715 |
| *Sitting - systolic .....    | 718 |
| *Sitting - diastolic .....   | 721 |

|                                                          |     |
|----------------------------------------------------------|-----|
| SUMMARY OF DIAGNOSTIC IMPRESSION - Normal/Abnormal ..... | 724 |
|----------------------------------------------------------|-----|

Severity  
Certainty  
ICD Code

Ocular Fundi

|                             |     |
|-----------------------------|-----|
| Normal .....                | 825 |
| Fundus not visualized ..... | 826 |
| Globe absent .....          | 827 |
| Increase light reflex ..... | 828 |
| Narrow arterioles .....     | 829 |
| Tortuous arterioles .....   | 830 |
| AV compression .....        | 831 |
| Hemorrhage .....            | 832 |
| Exudate .....               | 833 |
| Venous engorgement .....    | 834 |
| Papilledema .....           | 835 |
| Disc abnormal .....         | 836 |
| Lens opacities .....        | 837 |
| Iritis .....                | 838 |
| Other .....                 | 839 |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

ALL SAMPLE PERSONS

LOCATIONS 1-100

## DEMOGRAPHIC DATA TAPE

(n=23808)

| Page | No. of<br>Locations | ITEM DESCRIPTION & CODES                                                                                                                                                                                                                                                                                                                                                                        | Control<br>Counts                                           | HANES I Data<br>Source                        |
|------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------|
|      |                     | <u>DEMOGRAPHIC DATA</u>                                                                                                                                                                                                                                                                                                                                                                         |                                                             |                                               |
| 1    | 5                   | <u>Sample Sequence Number</u>                                                                                                                                                                                                                                                                                                                                                                   |                                                             |                                               |
| 2    | 4                   | <u>Catalog Number</u><br>1271                                                                                                                                                                                                                                                                                                                                                                   |                                                             |                                               |
| 3    | 1                   | <u>Size of Place</u><br>1 - Urbanized area with 3,000,000 or more<br>2 - Urbanized area with 1,000,000 to 2,999,999<br>3 - Urbanized area with 250,000 to 999,999<br>4 - Urbanized area under 250,000<br>5 - Urban place 25,000 or more outside urbanized area<br>6 - Urban place 10,000 to 24,999 outside urbanized area<br>7 - Urban place 2,500 to 9,999 outside urbanized area<br>8 - Rural | 3810<br>2799<br>3158<br>2702<br>424<br>1179<br>1333<br>8403 | Household Questionnaire<br>See Detailed Notes |
| 11   | 1                   | <u>SESA - Not SESA</u><br>1 - In SESA, in central city<br>2 - In SESA, not in central city<br>4 - Not in SESA                                                                                                                                                                                                                                                                                   | 7960<br>6591<br>9257                                        | Household Questionnaire<br>See Detailed Notes |
| 4    | 1                   | <u>Type of Living Quarters</u><br>1 - Housing Unit<br>2 - Other unit                                                                                                                                                                                                                                                                                                                            | 23602<br>206                                                | Household Questionnaire                       |
| 13   | 1                   | <u>Land Usage</u><br>1 - All other<br>2 - Rural                                                                                                                                                                                                                                                                                                                                                 | 15648<br>8160                                               | Household Questionnaire                       |
| 14   | 1                   | If Rural, asked<br><u>How Many Acres of Land Are Included?</u><br>1 - 10 or more acres<br>2 - Less than 10 acres<br>9 - Not applicable                                                                                                                                                                                                                                                          | 2205<br>5955<br>15648                                       | Household Questionnaire                       |

| Item # | Tape | No. of Positions | ITEM DESCRIPTION & CODES                                                                                                                                                                                                                                                                                                                                                                                                                                           | Control Counts                                                                                                                           | HANES I Data Source       |
|--------|------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| 15     |      | 1                | If 10 acres or more, asked if<br><u>Sale of Crops, Etc. Amount to \$50 or more?</u><br>2 - Yes<br>4 - No<br>9 - Not applicable                                                                                                                                                                                                                                                                                                                                     | 1317<br>888<br>21603                                                                                                                     | Household Questionnaire   |
| 16     |      | 1                | If 10 acres or less, asked if<br><u>Sale of Crops, Etc. Amount to \$250 or more?</u><br>3 - Yes<br>5 - No<br>9 - Not applicable                                                                                                                                                                                                                                                                                                                                    | 153<br>5802<br>17853                                                                                                                     | Household Questionnaire   |
| 17-18  |      | 2                | <u>Age - Head of Household</u><br>16-92 as given<br>00 - Blank, but applicable                                                                                                                                                                                                                                                                                                                                                                                     | 20744<br>5<br>3059                                                                                                                       | * Household Questionnaire |
| 19     |      | 1                | Blank<br><u>Sex - Head of Household</u><br>1 - Male<br>2 - Female<br>Blank                                                                                                                                                                                                                                                                                                                                                                                         | 16660<br>4089<br>3059                                                                                                                    | * Household Questionnaire |
| 20-21  |      | 2                | <u>Highest Grade Attended - Head of Household</u><br>10 - None<br>21 - 1st grade<br>22 - 2nd grade<br>23 - 3rd grade<br>24 - 4th grade<br>25 - 5th grade<br>26 - 6th grade<br>27 - 7th grade<br>28 - 8th grade<br>31 - 9th grade<br>32 - 10th grade<br>33 - 11th grade<br>34 - 12th grade<br>41 - First year of college<br>42 - Second year of college<br>43 - Third year of college<br>44 - Fourth year of college<br>45 - Graduate<br>88 - Blank, but applicable | 223<br>82<br>190<br>379<br>427<br>421<br>681<br>702<br>2405<br>1121<br>1458<br>1133<br>6153<br>746<br>1081<br>485<br>1317<br>1084<br>661 | * Household Questionnaire |

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Page Loc | No. of Positions | ITEM DESCRIPTION & CODES                                                                                                              | Control Counts               | HANES I Data Source                                |
|--------|----------|------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------|
| 22     |          | 1                | <u>Race - Head of Household</u><br>1 - White<br>2 - Negro<br>3 - Other<br>Blank                                                       | 16387<br>4149<br>213<br>3059 | *<br>Household Questionnaire<br>See Detailed Notes |
| 23-24  |          | 2                | <u>Total Number of Persons in Household</u><br>01-19 - As given                                                                       | 23808                        | Household Questionnaire                            |
| 25-26  |          | 2                | <u>Total Sample Persons in Household</u><br>01-07 - As given                                                                          | 23808                        | Household Questionnaire                            |
| 27     |          | 1                | <u>Number of Rooms in House</u><br>1-8 - As given<br>9 - 9 or more<br>Blank                                                           | 19747<br>1002<br>3059        | *<br>Household Questionnaire                       |
| 28     |          | 1                | <u>Is there piped water?</u><br>1 - Yes<br>2 - No<br>Blank                                                                            | 20043<br>706<br>3059         | *<br>Household Questionnaire                       |
| 29     |          | 1                | <u>If yes</u><br><u>Is there hot and cold piped water?</u><br>1 - Yes<br>2 - No<br>9 - Not applicable<br>Blank                        | 19527<br>518<br>704<br>3059  | *<br>Household Questionnaire                       |
| 30     |          | 1                | <u>If yes to piped water -</u><br><u>Does House Have a Sink with Piped Water?</u><br>1 - Yes<br>2 - No<br>9 - Not applicable<br>Blank | 19866<br>181<br>702<br>3059  | *<br>Household Questionnaire                       |
| 31     |          | 1                | <u>Does House Have a Range or Cook Stove?</u><br>1 - Yes<br>2 - No<br>Blank                                                           | 20513<br>236<br>3059         | *<br>Household Questionnaire                       |

# HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Page | No. of<br>Locations | ITEM DESCRIPTION & CODES                                                                                                                                                                                                                                                                                                                                   | Control<br>Counts                                                                                 | HANES I Data<br>Source                        |
|------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------|
| 10   | 1                   | Does House have a Refrigerator?<br>1 - Yes<br>2 - No<br>Blank                                                                                                                                                                                                                                                                                              | 20487<br>262<br>3059                                                                              | Household Questionnaire                       |
| 11   | 1                   | Are kitchen facilities used by anyone not living in household?<br>1 - Yes<br>2 - No<br>9 - Not applicable<br>Blank                                                                                                                                                                                                                                         | 641<br>19418<br>690<br>3059                                                                       | Household Questionnaire                       |
| 12   | 1                   | Total Family Income Group<br>11 - Under \$1,000 (including loss)<br>12 - \$1,000-1,999<br>13 - \$2,000-2,999<br>14 - \$3,000-3,999<br>15 - \$4,000-4,999<br>16 - \$5,000-5,999<br>17 - \$6,000-6,999<br>18 - \$7,000-9,999<br>19 - \$10,000-14,999<br>20 - \$15,000-19,999<br>21 - \$20,000-24,999<br>22 - \$25,000 and over<br>88 - Blank, but applicable | 545<br>1329<br>1525<br>1526<br>1426<br>1301<br>1194<br>5023<br>4927<br>2295<br>1025<br>873<br>819 | Household Questionnaire<br>See Detailed Notes |
|      |                     | NOTE: The following income questions were asked <u>only</u> if "Total Family Income" was less than \$7,000.                                                                                                                                                                                                                                                |                                                                                                   |                                               |
|      |                     | DURING PAST YEAR DID YOU OR ANY MEMBERS OF YOUR FAMILY RECEIVE MONEY FROM:                                                                                                                                                                                                                                                                                 |                                                                                                   |                                               |
| 16   | 1                   | Wages or Salaries?<br>1 - Yes<br>2 - No<br>8 - Blank, but applicable<br>9 - Not applicable<br>Blank                                                                                                                                                                                                                                                        | 4738<br>3384<br>614<br>12013<br>3059                                                              | Household Questionnaire                       |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I);

| UNIT | STUDY | ITEM DESCRIPTION & CODES                                 | Control<br>Counts | HANES I Data<br>Source  |
|------|-------|----------------------------------------------------------|-------------------|-------------------------|
|      | 1     | 11. Yes to above, how much altogether before deductions? | 4468              | Household Questionnaire |
|      |       | 0001-9999 - As given                                     | 884               |                         |
|      |       | 3333 - Blank, but applicable                             | 15397             |                         |
|      |       | 9999 - Not applicable                                    | 3059              |                         |
|      |       | Blank                                                    |                   |                         |
| 1    | 1     | Social Security or Railroad Retirement?                  |                   | Household Questionnaire |
|      |       | 1 - Yes                                                  | 2914              |                         |
|      |       | 2 - No                                                   | 5226              |                         |
|      |       | 3 - Blank, but applicable                                | 595               |                         |
|      |       | 9 - Not applicable                                       | 12014             |                         |
|      |       | Blank                                                    | 3059              |                         |
| 1    | 1     | 11. Yes to above, how much altogether?                   | 2852              | Household Questionnaire |
|      |       | 0001-9999 - As given                                     | 657               |                         |
|      |       | 3333 - Blank, but applicable                             | 17240             |                         |
|      |       | 9999 - Not applicable                                    | 3059              |                         |
|      |       | Blank                                                    |                   |                         |
| 1    | 1     | 12. Unemployment Payments or Other Public Assistance?    |                   | Household Questionnaire |
|      |       | 1 - Yes                                                  | 2414              |                         |
|      |       | 2 - No                                                   | 5716              |                         |
|      |       | 3 - Blank, but applicable                                | 605               |                         |
|      |       | 9 - Not applicable                                       | 12014             |                         |
|      |       | Blank                                                    | 3059              |                         |
| 1    | 1     | 11. Yes to above, how much altogether?                   | 2383              | Household Questionnaire |
|      |       | 0001-9999 - As given                                     | 636               |                         |
|      |       | 3333 - Blank, but applicable                             | 17730             |                         |
|      |       | 9999 - Not applicable                                    | 3059              |                         |
|      |       | Blank                                                    |                   |                         |
| 1    | 1     | Unemployment or Workmen's Compensation?                  |                   | Household Questionnaire |
|      |       | 1 - Yes                                                  | 441               |                         |
|      |       | 2 - No                                                   | 7690              |                         |
|      |       | 3 - Blank, but applicable                                | 604               |                         |
|      |       | 9 - Not applicable                                       | 12014             |                         |
|      |       | Blank                                                    | 3059              |                         |

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| No. of<br>Items | ITEM DESCRIPTION & CODES                                                                                                                                                         | Control<br>Counts                         | HANES I Data<br>Source  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------|
| 6               | <u>If yes to above, how much altogether?</u><br>0001-6999 - As given<br>8338 - Blank, but applicable<br>9999 - Not applicable<br>Blank                                           | 423<br>622<br>19704<br>3059               | Household Questionnaire |
| 1               | <u>Government Employee Pensions or Private Pensions?</u><br>1 - Yes<br>2 - No<br>3 - Blank, but applicable<br>9 - Not applicable<br>Blank                                        | 569<br>7561<br>605<br>12014<br>3059       | Household Questionnaire |
| 1               | <u>If yes to above, how much altogether?</u><br>0001-6999 - As given<br>3338 - Blank, but applicable<br>9999 - Not applicable<br>Blank                                           | 553<br>621<br>19575<br>3059               | Household Questionnaire |
| 1               | <u>Dividends, interest or rent?</u><br>1 - Yes<br>2 - No<br>3 - Blank, but applicable<br>9 - Not applicable<br>Blank                                                             | 918<br>7212<br>602<br>12017<br>3059       | Household Questionnaire |
| 4               | <u>If yes to above, how much altogether?</u><br>0001-6999 - As given<br>8338 - Blank, but applicable<br>9999 - Not applicable<br>Blank                                           | 870<br>650<br>19229<br>3059               | Household Questionnaire |
| 1               | <u>Net income from own non-farm business, professional practice or partnership?</u><br>1 - Yes<br>2 - No<br>3 - Loss<br>8 - Blank, but applicable<br>9 - Not applicable<br>Blank | 350<br>7772<br>17<br>596<br>12014<br>3059 | Household Questionnaire |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| No. 21<br>Description | ITEM DESCRIPTION & CODES                                                             | Control<br>Counts | HANES I Data<br>Source  |
|-----------------------|--------------------------------------------------------------------------------------|-------------------|-------------------------|
|                       | <u>11 - Yes to above, how much altogether?</u>                                       | 316               | Household Questionnaire |
|                       | 0000-7500 - As given                                                                 | 647               | ✱                       |
|                       | 8888 - Blank, but applicable                                                         | 19786             | ✱                       |
|                       | 9999 - Not applicable                                                                | 3059              | ✱                       |
|                       | Blank                                                                                |                   | Household Questionnaire |
|                       | <u>12 - Income from a farm?</u>                                                      | 406               | ✱                       |
|                       | 1 - Yes                                                                              | 7705              | ✱                       |
|                       | 2 - No                                                                               | 26                | ✱                       |
|                       | 3 - Loss                                                                             | 598               | ✱                       |
|                       | 8 - Blank, but applicable                                                            | 12014             | ✱                       |
|                       | 9 - Not applicable                                                                   | 3059              | ✱                       |
|                       | Blank                                                                                |                   | Household Questionnaire |
|                       | <u>11 - Yes to above, how much altogether?</u>                                       | 388               | ✱                       |
|                       | 0000-7500 - As given                                                                 | 642               | ✱                       |
|                       | 8888 - Blank, but applicable                                                         | 19719             | ✱                       |
|                       | 9999 - Not applicable                                                                | 3059              | ✱                       |
|                       | Blank                                                                                |                   | Household Questionnaire |
|                       | <u>Veteran's Payments</u>                                                            | 452               | ✱                       |
|                       | 1 - Yes                                                                              | 7679              | ✱                       |
|                       | 2 - No                                                                               | 601               | ✱                       |
|                       | 8 - Blank, but applicable                                                            | 12017             | ✱                       |
|                       | 9 - Not applicable                                                                   | 3059              | ✱                       |
|                       | Blank                                                                                |                   | Household Questionnaire |
|                       | <u>11 - Yes to above, how much altogether?</u>                                       | 441               | ✱                       |
|                       | 0001-9999 - As given                                                                 | 612               | ✱                       |
|                       | 8888 - Blank, but applicable                                                         | 19696             | ✱                       |
|                       | 9999 - Not applicable                                                                | 3059              | ✱                       |
|                       | Blank                                                                                |                   | Household Questionnaire |
|                       | <u>Alimony, child support or contributions from persons not living in household?</u> | 439               | ✱                       |
|                       | 1 - Yes                                                                              | 7691              | ✱                       |
|                       | 2 - No                                                                               | 602               | ✱                       |
|                       | 3 - Blank, but applicable                                                            | 12017             | ✱                       |
|                       | 9 - Not applicable                                                                   | 3059              | ✱                       |
|                       | Blank                                                                                |                   | ✱                       |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Type<br>Code | No. of<br>Positions | ITEM DESCRIPTION & CODES                                                                                                                                                                            | Control<br>Counts                   | HANES I Data<br>Source                   |
|--------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------|
| 100          | 4                   | <u>If yes to above, how much altogether?</u><br>0000-6999 - As given<br>8888 - Blank, but applicable<br>9999 - Not applicable                                                                       | 426<br>615<br>19708<br>3059         | Household Questionnaire                  |
| 100          | 1                   | <u>Any other income?</u><br>1 - Yes<br>2 - No<br>8 - Blank, but applicable<br>9 - Not applicable                                                                                                    | 325<br>7799<br>607<br>12018<br>3059 | Household Questionnaire                  |
| 100          | 4                   | <u>If yes to above, how much altogether?</u><br>0000-6999 - As given<br>8888 - Blank, but applicable<br>9999 - Not applicable                                                                       | 313<br>619<br>19817<br>3059         | Household Questionnaire                  |
| 100          | 4                   | <u>Total Amount (Total of Positions 37-90)</u><br>0000-6999 - As given<br>8888 - Blank, but applicable<br>9999 - Not applicable                                                                     | 7676<br>1060<br>12013<br>3059       | Household Questionnaire                  |
| 0000         | 5                   | <u>FAMILY UNIT CODE</u><br>00001-23306                                                                                                                                                              | 23808                               | Computer generated<br>See Detailed Notes |
| 100          | 1                   | <u>Relationship to Head of Household</u><br>1 - Head (1 person living alone or with non-relatives)<br>2 - Head (2 or more related persons in family)<br>3 - Wife<br>4 - Child<br>5 - Other relative | 2244<br>6238<br>6513<br>7818<br>995 | Household Questionnaire                  |
| 100          | 1                   | <u>Age at Interview</u><br>01-74 - As given                                                                                                                                                         | 23808                               | Household Questionnaire                  |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I):

|         |   | ITEM DESCRIPTION & CODES                                                                                                                               | Control<br>Counts                                 | HANES I Data<br>Source                        |
|---------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------|
| 000     | 1 | <u>Race of Examined Person</u><br>1 - White<br>2 - Negro<br>3 - Other                                                                                  | 19111<br>4424<br>273                              | Household Questionnaire<br>See Detailed Notes |
| 001     | 1 | <u>Sex of Examined Person</u><br>1 - Male<br>2 - Female                                                                                                | 10152<br>13656                                    | Household Questionnaire                       |
| 002     | 1 | <u>Marital Status</u><br>1 - Under 17<br>2 - Married<br>3 - Widowed<br>4 - Never married<br>5 - Divorced<br>6 - Separated<br>8 - Blank, but applicable | 6781<br>11738<br>1493<br>2475<br>762<br>544<br>15 | Household Questionnaire                       |
| 003, 9  | 3 | <u>Date of Birth (month, year)</u><br>01-12 - Month as given<br>00-99 - Year (1896-1973) as given                                                      | 23808<br>23808                                    | Household Questionnaire                       |
| 004, 11 | 2 | <u>Place of Birth</u><br>01-02<br>03-06<br>08-13<br>15-52<br>54-57<br>59-81<br>91-97<br>83 - Blank, but applicable                                     | 23663<br><br><br><br><br><br>145                  | Household Questionnaire<br>See Detailed Notes |

# HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Class | Page | No. of Positions | ITEM DESCRIPTION & CODES                       | Control Counts | HANES I Data Source     |
|-------|------|------------------|------------------------------------------------|----------------|-------------------------|
| 11-12 | 11   | 2                | Highest Grade of regular school ever attended? |                | Household Questionnaire |
|       |      |                  | 10 - None                                      | 252            |                         |
|       |      |                  | 21 - 1st Grade                                 | 444            |                         |
|       |      |                  | 22 - 2nd Grade                                 | 457            |                         |
|       |      |                  | 23 - 3rd Grade                                 | 586            |                         |
|       |      |                  | 24 - 4th Grade                                 | 691            |                         |
|       |      |                  | 25 - 5th Grade                                 | 687            |                         |
|       |      |                  | 26 - 6th Grade                                 | 815            |                         |
|       |      |                  | 27 - 7th Grade                                 | 902            |                         |
|       |      |                  | 28 - 8th Grade                                 | 2165           |                         |
|       |      |                  | 31 - 9th Grade                                 | 1207           |                         |
|       |      |                  | 32 - 10th Grade                                | 1458           |                         |
|       |      |                  | 33 - 11th Grade                                | 1132           |                         |
|       |      |                  | 34 - 12th Grade                                | 5751           |                         |
|       |      |                  | 41 - First year of college                     | 852            |                         |
|       |      |                  | 42 - Second year of college                    | 1007           |                         |
|       |      |                  | 43 - Third year of college                     | 418            |                         |
|       |      |                  | 44 - Fourth year of college                    | 1134           |                         |
|       |      |                  | 45 - Graduate                                  | 756            |                         |
|       |      |                  | 77 - Special School                            | 18             |                         |
|       |      |                  | 88 - Blank, but applicable                     | 110            |                         |
|       |      |                  | 99 - Not applicable                            | 2966           |                         |
| 11-12 | 11   | 1                | Did he finish the grade?                       |                | Household Questionnaire |
|       |      |                  | 1 - Yes                                        | 13787          |                         |
|       |      |                  | 2 - No                                         | 6537           |                         |
|       |      |                  | 8 - Blank, but applicable                      | 266            |                         |
|       |      |                  | 9 - Not applicable                             | 3218           |                         |
| 11-12 | 11   | 1                | Is he attending school now?                    |                | Household Questionnaire |
|       |      |                  | 1 - Yes                                        | 3857           |                         |
|       |      |                  | 2 - No                                         | 476            |                         |
|       |      |                  | 8 - Blank, but applicable                      | 0              |                         |
|       |      |                  | 9 - Not applicable                             | 16416          |                         |
|       |      |                  | Blank                                          | 3059           |                         |

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| No. | ITEM DESCRIPTION & CODES                                                      | Control<br>Counts | HANES I Data<br>Source  |
|-----|-------------------------------------------------------------------------------|-------------------|-------------------------|
| 1   | <u>Has he ever attended a school of any kind?</u>                             |                   | Household Questionnaire |
|     | 1 - Yes                                                                       | 668               |                         |
|     | 2 - No                                                                        | 1127              |                         |
|     | 3 - Blank, but applicable                                                     | 0                 |                         |
|     | 9 - Not applicable                                                            | 18954             |                         |
|     | Blank                                                                         | 3059              |                         |
| 1   | <u>If yes, what kind of school?</u>                                           |                   | Household Questionnaire |
|     | 1 - Nursery                                                                   | 150               |                         |
|     | 2 - Kindergarten                                                              | 362               |                         |
|     | 3 - Other                                                                     | 73                |                         |
|     | 4 - Headstart                                                                 | 45                |                         |
|     | 5 - Daycare                                                                   | 38                |                         |
|     | 6 - Blank, but applicable                                                     | 0                 |                         |
|     | 9 - Not applicable                                                            | 20081             |                         |
|     | Blank                                                                         | 3059              |                         |
| 1   | <u>Is any language other than English frequently spoken in the household?</u> |                   | Household Questionnaire |
|     | 1 - Yes                                                                       | 2682              |                         |
|     | 2 - No                                                                        | 20923             |                         |
|     | 3 - Blank, but applicable                                                     | 203               |                         |
| 1   | <u>If yes, what language?</u>                                                 |                   | Household Questionnaire |
|     | 0 - German                                                                    | 168               |                         |
|     | 1 - Italian                                                                   | 161               |                         |
|     | 2 - French                                                                    | 422               |                         |
|     | 3 - Polish                                                                    | 116               |                         |
|     | 4 - Russian                                                                   | 20                |                         |
|     | 5 - Spanish                                                                   | 1274              |                         |
|     | 6 - Chinese                                                                   | 39                |                         |
|     | 7 - Other language                                                            | 468               |                         |
|     | 8 - Blank, but applicable                                                     | 217               |                         |
|     | 9 - Not applicable                                                            | 20923             |                         |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

|        | No. of<br>Positions | ITEM DESCRIPTION & CODES                           | Control<br>Counts | HANES I Data<br>Source  |
|--------|---------------------|----------------------------------------------------|-------------------|-------------------------|
| 100-21 | 2                   | What is your main ancestry or national origin?     |                   | Household Questionnaire |
|        |                     | 00 - German                                        | 4022              |                         |
|        |                     | 01 - Irish                                         | 3021              |                         |
|        |                     | 02 - Italian                                       | 777               |                         |
|        |                     | 03 - French                                        | 1235              |                         |
|        |                     | 04 - Polish                                        | 636               |                         |
|        |                     | 05 - Russian                                       | 223               |                         |
|        |                     | 06 - English                                       | 2979              |                         |
|        |                     | 07 - Spanish                                       | 483               |                         |
|        |                     | 08 - Mexican                                       | 717               |                         |
|        |                     | 09 - Chinese                                       | 48                |                         |
|        |                     | 10 - Japanese                                      | 53                |                         |
|        |                     | 11 - American Indian                               | 380               |                         |
|        |                     | 12 - Negro                                         | 4428              |                         |
|        |                     | 13 - Jewish                                        | 63                |                         |
|        |                     | 14 - American                                      | 1652              |                         |
|        |                     | 15 - Other                                         | 2451              |                         |
|        |                     | 88 - Blank, but applicable                         | 67                |                         |
|        |                     | 99 - Don't know                                    | 573               |                         |
| 100-22 | 1                   | What was he doing most of past three months?       |                   | Household Questionnaire |
|        |                     | 1 - Working                                        | 8058              |                         |
|        |                     | 2 - Keeping house                                  | 5883              |                         |
|        |                     | 3 - Something else                                 | 3069              |                         |
|        |                     | 8 - Blank, but applicable                          | 28                |                         |
|        |                     | 9 - Not applicable                                 | 6770              |                         |
| 100-23 | 1                   | If "something else" from above, what was he doing? |                   | Household Questionnaire |
|        |                     | 0 - Laid off                                       | 46                |                         |
|        |                     | 1 - Retired                                        | 1484              |                         |
|        |                     | 2 - Student                                        | 822               |                         |
|        |                     | 3 - Other                                          | 141               |                         |
|        |                     | 4 - Ill                                            | 152               |                         |
|        |                     | 5 - Staying home                                   | 69                |                         |
|        |                     | 6 - Looking for work                               | 71                |                         |
|        |                     | 7 - Unable to work                                 | 285               |                         |
|        |                     | 8 - Blank, but applicable                          | 27                |                         |
|        |                     | 9 - Not applicable                                 | 20711             |                         |

# HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| No. of<br>Positions | ITEM DESCRIPTION & CODES                                                                                                                                                                               | Control<br>Counts           | HANES I Data<br>Source  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------|
| 1                   | 11. "Keeping house" or "something else" from above, did he work at a job or business at any time during the past three months?<br>1 - Yes<br>2 - No<br>8 - Blank, but applicable<br>9 - Not applicable | 1272<br>7675<br>37<br>14824 | Household Questionnaire |
| 1                   | 12. "Working" from above, did he work full-time or part-time?<br>1 - Full-time<br>2 - Part-time<br>3 - Blank, but applicable<br>9 - Not applicable                                                     | 7278<br>2046<br>39<br>14445 | Household Questionnaire |
| 1                   | 13. Did he work at any time last week or the week before? (not around house)<br>1 - Yes<br>2 - No<br>8 - Blank, but applicable<br>9 - Not applicable                                                   | 8318<br>942<br>104<br>14444 | Household Questionnaire |
| 1                   | 14. "No" to above, even though he did not work during that time, does he have a job or business?<br>1 - Yes<br>2 - No<br>8 - Blank, but applicable<br>9 - Not applicable                               | 543<br>8072<br>105<br>15088 | Household Questionnaire |
| 1                   | 15. "No" to Position 126, was he looking for work or on lay-off from a job?<br>1 - Yes<br>2 - No<br>8 - Blank, but applicable<br>9 - Not applicable                                                    | 644<br>7971<br>105<br>15088 | Household Questionnaire |

| Item # | Page No. | No. of Positions | ITEM DESCRIPTION & CODES                                                                                                                                                                       | Control Counts                                         | IPANES I Data Source                          |
|--------|----------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------|
|        | 109      | 1                | <u>If yes to above - which?</u><br>1 - Looking<br>2 - Lay-off<br>3 - Both<br>8 - Blank, but applicable<br>9 - Not applicable                                                                   | 467<br>144<br>34<br>105<br>23058                       | Household Questionnaire                       |
|        | 110      | 1                | <u>Class of Worker</u><br>1 - Private paid<br>2 - Government-Federal<br>3 - Government-Other<br>4 - Own<br>5 - Non-paid<br>6 - Never worked<br>8 - Blank, but applicable<br>9 - Not applicable | 6776<br>335<br>1294<br>980<br>135<br>63<br>29<br>14196 | Household Questionnaire                       |
|        | 111      | 1                | <u>If self-employed in "own" business and not a farm, is the business incorporated?</u><br>1 - Yes<br>2 - No<br>8 - Blank, but applicable<br>9 - Not applicable                                | 111<br>719<br>30<br>22948                              | Household Questionnaire                       |
|        | 112-113  | 3                | <u>Business or Industry Code</u><br>000 - Blank, but applicable<br>017-999 - As given                                                                                                          | 4<br>23804                                             | Household Questionnaire<br>See Detailed Notes |
|        | 114-115  | 3                | <u>Occupation Code</u><br>000 - Blank, but applicable<br>001-996 - As given                                                                                                                    | 6<br>23802                                             | Household Questionnaire<br>See Detailed Notes |
|        | 116-117  | 6                | <u>Date of Examination</u><br>Month - 01-12 as given<br>Day - 01-31 as given<br>Year - 71-75 as given                                                                                          | 23808<br>23808<br>23808                                | Control Record                                |

# HEALTH AND NUTRITION EXAMINATION SURVEY (HANES' I)

| Item # | Item Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                                                                                                             | Control Counts.                           | HANES I Data Source                           |
|--------|-----------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------|
| 157    | 15        | 2                | <u>Age at Examination</u><br>01-75 - As given                                                                                                                                        | 23808                                     | Computer generated                            |
| 158    | 15        | 1                | <u>Farm</u><br>1 - Farm<br>2 - Nonfarm                                                                                                                                               | 1470<br>22338                             | Computer generated<br>See Detailed Notes      |
| 157    | 15        | 3                | <u>Poverty Index (X,XX)</u><br>001-997 - As given<br>998 - Index computed 998 or greater<br>999 - Unknown<br>Blank                                                                   | 20002<br>25<br>722<br>3059                | Computer generated<br>See Detailed Notes<br>* |
| 150    | 15        | 1                | <u>Region</u><br>1 - Northeast<br>2 - Midwest<br>3 - South<br>4 - West                                                                                                               | 5211<br>5892<br>6329<br>6376              | Computer generated<br>See Detailed Notes      |
| 151    | 15        | 1                | <u>FOOD PROGRAMS APPLICABILITY</u><br>1 - Not applicable<br>2 - No program available<br>3 - Food stamps available<br>4 - Commodities available<br>8 - Blank, but applicable<br>Blank | 14683<br>112<br>5142<br>760<br>52<br>3059 | Food Programs Quest.<br>*                     |
| 152    | 15        | 1                | <u>Are you certified to participate in the food stamp program?</u><br>1 - Yes<br>2 - No<br>9 - Don't know<br>Blank                                                                   | 2374<br>1934<br>126<br>19374              | Food Programs Quest.<br>*                     |

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Page No. | No. of Positions | ITEM DESCRIPTION & CODES                                                                                                                                                                                            | Control Counts                             | HANES I Data Source       |
|--------|----------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------|
| 153    |          | 1                | <u>Are you buying stamps now?</u><br>1 - Yes, regularly<br>2 - Yes, occasionally<br>3 - No<br>8 - Blank, but applicable<br>Blank                                                                                    | 1965<br>89<br>307<br>13<br>21434           | Food Programs Quest.<br>* |
| 154    |          | 3                | <u>What is the main reason you aren't participating in the program?</u><br>1 - No need<br>2 - Not enough money at the time<br>3 - No transportation<br>4 - Pride<br>5 - Other<br>8 - Blank, but applicable<br>Blank | 33<br>121<br>16<br>8<br>111<br>18<br>23501 | Food Programs Quest.<br>* |
| 155    |          | 1                | <u>Are you certified to participate in the commodity distribution program?</u><br>1 - Yes<br>2 - No<br>9 - Don't know<br>Blank                                                                                      | 215<br>423<br>25<br>23145                  | Food Programs Quest.<br>* |
| 156    |          | 1                | <u>Are you receiving commodity foods now for your family?</u><br>1 - Yes, regularly<br>2 - Yes, occasionally<br>3 - No<br>8 - Blank, but applicable<br>Blank                                                        | 159<br>14<br>39<br>3<br>23593              | Food Programs Quest.<br>* |
| 157    |          | 1                | <u>Why aren't you participating in the program?</u><br>1 - No need<br>2 - No transportation<br>3 - Pride<br>4 - Other<br>8 - Blank, but applicable<br>Blank                                                         | 16<br>5<br>2<br>15<br>1<br>23769           | Food Programs Quest.<br>* |

| Type<br>Code | No. of<br>Locations | ITEM DESCRIPTION & CODES                                                                                                                                                                                                               | Control<br>Counts | HANES I<br>Data Source |
|--------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------|
|              |                     |                                                                                                                                                                                                                                        |                   |                        |
|              |                     | <u>Sample Weights</u>                                                                                                                                                                                                                  |                   |                        |
| 161<br>163   | 6                   | Detailed Persons - Locations 01-35<br>Blank                                                                                                                                                                                            | 1892<br>21916     | See Detailed Notes     |
| 164<br>165   | 6                   | All Sample Persons - Locations 01-35<br>Blank                                                                                                                                                                                          | 10127<br>13681    | See Detailed Notes     |
| 170<br>175   | 6                   | Detailed Persons - Locations 01-65<br>Blank                                                                                                                                                                                            | 3854<br>19954     | See Detailed Notes     |
| 176<br>181   | 6                   | All Sample Persons - Locations 01-65<br>Blank                                                                                                                                                                                          | 20749<br>3059     | See Detailed Notes     |
| 182<br>187   | 6                   | Detailed Persons - Locations 66-100<br>Blank                                                                                                                                                                                           | 3059<br>20749     | See Detailed Notes     |
| 188<br>193   | 6                   | Detailed Persons - Locations 1-100<br>Blank                                                                                                                                                                                            | 6913<br>16895     | See Detailed Notes     |
| 194<br>195   | 2                   | <u>Standard</u> <sup>1/</sup>                                                                                                                                                                                                          |                   |                        |
| 196<br>197   | 3                   | <u>Primary Sampling Units</u> <sup>1/</sup>                                                                                                                                                                                            |                   |                        |
| 199<br>999   | 2                   | <u>Data User Work Area</u>                                                                                                                                                                                                             |                   |                        |
|              |                     | <sup>1/</sup> Use only for producing variance estimates for examination<br>locations 1-65 or 1-100. See the General Note<br>titled "Variance Estimation" for producing variance estimates<br>for examination locations 1-35 or 66-100. |                   |                        |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

## GENERAL MEDICAL EXAMINATION

(AGES 1-74 YEARS)

(n = 23808)

| Item<br>No. | Top<br>Box | No. of<br>Post-Items | ITEM DESCRIPTION & CODES                                                                           | Control<br>Counts          | HANES I<br>Data Source                     |
|-------------|------------|----------------------|----------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------|
| 201<br>202  | 1          |                      | Catalogue Number<br>2011                                                                           |                            | General Medical<br>Examination (Ages 1-74) |
| 203<br>204  | 20         |                      | DATA BASE WORK AREA                                                                                |                            |                                            |
| 205<br>206  | 1          |                      | Pulse<br>070-210 = Range as given<br>888 = Blank, but applicable<br>Blank                          | 23646<br>113<br>49         |                                            |
|             |            |                      | <u>BLOOD PRESSURE</u>                                                                              |                            |                                            |
| 207<br>208  | 1          |                      | Systolic<br>070-300 = Range as given<br>888 = Blank, but applicable<br>999 = Age under 6<br>Blank  | 20714<br>154<br>2889<br>51 | See Detailed Notes                         |
| 209<br>210  | 1          |                      | Diastolic<br>070-180 = Range as given<br>888 = Blank, but applicable<br>999 = Age under 6<br>Blank | 20704<br>164<br>2889<br>51 | See Detailed Notes                         |
| 211<br>212  | 1          |                      | <u>HEAD, EYES, EARS, NOSE AND THROAT</u><br>1 = Findings<br>2 = No Findings<br>Blank               | 5825<br>17934<br>49        |                                            |
|             |            |                      | <u>TE FINDINGS:</u>                                                                                |                            |                                            |
| 213<br>214  | 1          |                      | Dry, scaling hair<br>1 = Yes<br>Blank                                                              | 13<br>23795                | *                                          |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Type Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                    | Control Counts | HANES I Data Source |
|--------|-----------|------------------|-------------------------------------------------------------|----------------|---------------------|
|        | 236       | 1                | <u>Dyspigmented hair</u><br>1 - Yes<br>Blank                | 9<br>23799     | *                   |
|        | 237       | 1                | <u>Easily pluckable hair</u><br>1 - Yes<br>Blank            | 2<br>23806     | *                   |
|        | 238       | 1                | <u>Abnormal texture or loss of curl</u><br>1 - Yes<br>Blank | 4<br>23804     | *                   |
|        | 239       | 1                | <u>Circumcorneal injection</u><br>1 - Yes<br>Blank          | 14<br>23794    | *                   |
|        | 240       | 1                | <u>Conjunctival injection</u><br>1 - Yes<br>Blank           | 164<br>23644   |                     |
|        | 241       | 1                | <u>Angular blepharitis</u><br>1 - Yes<br>Blank              | 0<br>23808     | *                   |
|        | 242       | 1                | <u>Xerosis</u><br>1 - Yes<br>Blank                          | 7<br>23801     | *                   |
|        | 243       | 1                | <u>Bitot's spots</u><br>1 - Yes<br>Blank                    | 4<br>23804     | *                   |
|        | 244       | 1                | <u>Keratomalacia</u><br>1 - Yes<br>Blank                    | 0<br>23808     | *                   |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tapo<br>Loc. | No. of<br>Positions | ITEM DESCRIPTION & CODES                                             | Control<br>Counts | HANES I<br>Data Source |
|--------|--------------|---------------------|----------------------------------------------------------------------|-------------------|------------------------|
| 255    |              | 1                   | <u>Xerophthalmia</u><br>1 - Yes<br>Blank                             | 0<br>23808        | *                      |
| 256    |              | 1                   | <u>Angular lesions of lips</u><br>1 - Yes<br>Blank                   | 63<br>23745       | *                      |
| 257    |              | 1                   | <u>Angular scars of lips</u><br>1 - Yes<br>Blank                     | 79<br>23729       | *                      |
| 258    |              | 1                   | <u>Cheilosis</u><br>1 - Yes<br>Blank                                 | 116<br>23692      | *                      |
| 259    |              | 1                   | <u>Filiform papillary atrophy of tongue</u><br>1 - Yes<br>Blank      | 320<br>23488      |                        |
| 260    |              | 1                   | <u>Fungiform papillary hypertrophy of tongue</u><br>1 - Yes<br>Blank | 889<br>22919      |                        |
| 261    |              | 1                   | <u>Geographic tongue</u><br>1 - Yes<br>Blank                         | 172<br>23636      | *                      |
| 262    |              | 1                   | <u>Fissures of tongue</u><br>1 - Yes<br>Blank                        | 1083<br>22725     |                        |
| 263    |              | 1                   | <u>Serrations or swelling of tongue</u><br>1 - Yes<br>Blank          | 1080<br>22728     |                        |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                                                    | Control Counts                        | HANES I Data Source |
|--------|-----------|------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------|
| 254    |           | 1                | <u>Scarlet beefy tongue</u><br>1 - Yes<br>Blank                                                                             | 81<br>23727                           |                     |
| 255    |           | 1                | <u>Magenta tongue</u><br>1 - Yes<br>Blank                                                                                   | 29<br>23779                           | ✱                   |
| 256    |           | 1                | <u>Naso-labial seborrhea</u><br>1 - Yes<br>Blank                                                                            | 112<br>23696                          | ✱                   |
| 257    |           | 1                | <u>Visible enlarged parotids</u><br>1 - Yes<br>Blank                                                                        | 9<br>23799                            | ✱                   |
| 258    |           | 1                | <u>Bossing of skull</u><br>1 - Yes<br>Blank                                                                                 | 21<br>23787                           | ✱                   |
| 259    |           | 1                | <u>Other</u><br>1 - Yes<br>Blank                                                                                            | 2887<br>20921                         |                     |
| 260    |           | 1                | <u>THYROID EVALUATION</u><br>1 - Group 0<br>2 - Group 1<br>3 - Group 2<br>4 - Group 3<br>8 - Blank, but applicable<br>Blank | 22535<br>982<br>186<br>18<br>38<br>49 | See detailed notes  |
| 261    |           | 1                | <u>Other thyroid findings</u><br>1 - Findings<br>2 - No findings<br>Blank                                                   | 362<br>23397<br>49                    |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tapo loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                | Control Counts          | HANES I Data Source |
|--------|-----------|------------------|-----------------------------------------------------------------------------------------|-------------------------|---------------------|
| 262    | 1         |                  | <u>Findings - Tenderness</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank              | 1<br>1<br>22<br>23784   |                     |
| 263    | 1         |                  | <u>Findings - Nodule</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                  | 20<br>29<br>12<br>23747 |                     |
| 264    | 1         |                  | <u>Isthmus</u><br>1 - Findings<br>Blank                                                 | 73<br>23735             |                     |
| 265    | 1         |                  | <u>Other</u><br>1 - Findings<br>Blank                                                   | 222<br>23586            |                     |
| 266    | 1         |                  | <u>CHEST EVALUATION</u><br>1 - Findings<br>2 - No Findings<br>Blank<br><br>IF FINDINGS: | 1227<br>19475<br>3106   | ✱                   |
| 267    | 1         |                  | <u>Beading of ribs</u><br>1 - Yes<br>Blank                                              | 12<br>23796             | ✱                   |
| 268    | 1         |                  | <u>Follicular hyperkeratosis of upper back</u><br>1 - Yes<br>Blank                      | 94<br>23714             | ✱                   |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                     | Control Counts      | HANES I Data Source |
|--------|-----------|------------------|------------------------------------------------------------------------------|---------------------|---------------------|
| 269    |           | 1                | <u>Wheezing on auscultation (Diffuse)</u><br>1 - Yes<br>Blank                | 173<br>23635        | ✱                   |
| 270    |           | 1                | <u>Wheezing on auscultation (Focal)</u><br>1 - Yes<br>Blank                  | 80<br>23728         | ✱                   |
| 271    |           | 1                | <u>Decreased breath sounds</u><br>1 - Yes<br>Blank                           | 327<br>23481        | ✱                   |
| 272    |           | 1                | <u>Other findings</u><br>1 - Yes<br>Blank                                    | 707<br>23101        | ✱                   |
| 273    |           | 1                | <u>CARDIOVASCULAR EVALUATION</u><br>1 - Findings<br>2 - No findings<br>Blank | 2987<br>20772<br>49 |                     |
|        |           |                  | IF FINDINGS:                                                                 |                     |                     |
| 274    |           | 1                | <u>Cyanosis</u><br>1 - Yes<br>Blank                                          | 35<br>23773         |                     |
| 275    |           | 1                | <u>Irregular pulse</u><br>1 - Yes<br>Blank                                   | 403<br>23405        |                     |
| 276    |           | 1                | <u>Cardiac murmur</u><br>1 - Yes<br>Blank                                    | 1200<br>22608       | ✱                   |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                | Control Counts      | HANES I Data Source |
|--------|-----------|------------------|-------------------------------------------------------------------------|---------------------|---------------------|
| 277    |           | 1                | <u>Other Findings</u><br>1 - Yes<br>Blank                               | 1596<br>22212       | *                   |
| 278    |           | 1                | <u>ABDOMINAL EVALUATION</u><br>1 - Findings<br>2 - No Findings<br>Blank | 7040<br>16719<br>49 |                     |
|        |           |                  | 16 FINDINGS:                                                            |                     |                     |
| 279    |           | 1                | <u>Hepatomegaly</u><br>1 - Yes<br>Blank                                 | 288<br>23520        | *                   |
| 280    |           | 1                | <u>Splenomegaly</u><br>1 - Yes<br>Blank                                 | 23<br>23785         |                     |
| 281    |           | 1                | <u>Uterine Enlargement</u><br>1 - Yes<br>Blank                          | 161<br>23647        |                     |
| 282    |           | 1                | <u>Umbilical hernia</u><br>1 - Yes<br>Blank                             | 346<br>23462        | *                   |
| 283    |           | 1                | <u>Pot belly</u><br>1 - Yes<br>Blank                                    | 185<br>23623        |                     |
| 284    |           | 1                | <u>Mass(es)</u><br>1 - Yes<br>Blank                                     | 202<br>23606        |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item #  | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                            | Control Counts      | HANES I Data Source |
|---------|-----------|------------------|-----------------------------------------------------------------------------------------------------|---------------------|---------------------|
| 285-289 |           | 5                | <u>Area(s) of Mass(es)</u><br>00001-77899 - As given<br>88888 - Blank, but applicable<br>Blank      | 197<br>2<br>23609   | See Detailed Notes  |
| 290     |           | 1                | <u>Other findings</u><br>1 - Yes<br>Blank                                                           | 157<br>23651        |                     |
| 291     |           | 1                | <u>Surgical scars</u><br>1 - Yes<br>Blank                                                           | 6156<br>17652       |                     |
| 292-296 |           | 5                | <u>Area(s) of Surgical Scar</u><br>00001-85824 - As given<br>88888 - Blank, but applicable<br>Blank | 6150<br>4<br>17654  | See Detailed Notes  |
| 297     |           | 1                | <u>Other findings</u><br>1 - Yes<br>Blank                                                           | 5177<br>18631       |                     |
| 298-305 |           | 8                | <u>WORK AREA</u>                                                                                    |                     |                     |
| 306     |           | 1                | <u>MUSCULOSKELETAL EVALUATION</u><br>1 - Findings<br>2 - No Findings<br>Blank<br><br>1F FINDINGS:   | 2762<br>20997<br>49 | *                   |
| 307     |           | 1                | <u>Bowed Legs</u><br>1 - Yes<br>Blank                                                               | 781<br>23027        |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Type Loc. | No. of Findings | ITEM DESCRIPTION & CODES                                                   | Control Counts      | HANES I Data Source |
|--------|-----------|-----------------|----------------------------------------------------------------------------|---------------------|---------------------|
| 303    | I         |                 | <u>Knock knees</u><br>1 - Yes<br>Blank                                     | 395<br>23413        | *                   |
| 309    | I         |                 | <u>Epiphyseal enlargement, wrists</u><br>1 - Yes<br>Blank                  | 17<br>23791         | *                   |
| 310    | I         |                 | <u>Other findings</u><br>1 - Yes<br>Blank                                  | 1684<br>22124       |                     |
| 311    | I         |                 | <u>NEUROLOGICAL EVALUATION</u><br>1 - Findings<br>2 - No findings<br>Blank | 2323<br>21436<br>49 |                     |
|        |           |                 | IF FINDINGS:                                                               |                     |                     |
| 312    | I         |                 | <u>Absent knee jerks</u><br>1 - Yes<br>Blank                               | 446<br>23362        |                     |
| 313    | I         |                 | <u>Absent ankle jerks</u><br>1 - Yes<br>Blank                              | 818<br>22990        |                     |
| 314    | I         |                 | <u>Positive Chvostek sign</u><br>1 - Yes<br>Blank                          | 1014<br>22794       | *                   |
| 315    | I         |                 | <u>Apathy</u><br>1 - Yes<br>Blank                                          | 11<br>23797         | *                   |
| 316    | I         |                 | <u>Barbed hyperirritability</u><br>1 - Yes<br>Blank                        | 26<br>23782         | *                   |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                        | Control Counts      | HANES I Data Source |
|--------|-----------|------------------|---------------------------------------------------------------------------------|---------------------|---------------------|
|        | 317       | 1                | Other<br>1 - Yes<br>Blank                                                       | 403<br>23405        |                     |
|        | 318       | 1                | SKIN EVALUATION<br>1 - Findings<br>2 - No findings<br>Blank<br><br>IF FINDINGS: | 2942<br>20817<br>49 |                     |
|        | 319       | 1                | <u>Follicular hyperkeratosis, arms</u><br>1 - Yes<br>Blank                      | 650<br>23158        | *                   |
|        | 320       | 1                | <u>Hyperpigmentation, hands and face</u><br>1 - Yes<br>Blank                    | 20<br>23788         | *                   |
|        | 321       | 1                | <u>Dry or scaling skin</u><br>1 - Yes<br>Blank                                  | 696<br>23112        | *                   |
|        | 322       | 1                | <u>Perifolliculosis</u><br>1 - Yes<br>Blank                                     | 6<br>23802          | *                   |
|        | 323       | 1                | <u>Petechial</u><br>1 - Yes<br>Blank                                            | 15<br>23793         |                     |
|        | 324       | 1                | <u>Mosaic skin</u><br>1 - Yes<br>Blank                                          | 13<br>23795         | *                   |
|        | 325       | 1                | <u>Pellagrous dermatitis</u><br>1 - Yes<br>Blank                                | 1<br>23807          | *                   |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES 1)

| Item #      | Topic | No. of Positions | ITEM DESCRIPTION & CODES                                                                           | Control Counts             | HANES I Data Source |
|-------------|-------|------------------|----------------------------------------------------------------------------------------------------|----------------------------|---------------------|
| 326         | 1     |                  | <u>Ecchymoses</u><br>1 - Yes<br>Blank                                                              | 35<br>23773                |                     |
| 327         | 1     |                  | <u>Other findings</u><br>1 - Yes<br>Blank                                                          | 1716<br>22092              |                     |
| 328         | 1     |                  | <u>GENERAL EVALUATION</u><br>1 - Findings<br>2 - No Findings<br>3 - Blank, but applicable<br>Blank | 265<br>20398<br>39<br>3106 | *                   |
| 329-<br>332 | 4     |                  | <u>WORK AREA</u><br><br><u>SUMMARY OF FINDINGS BY ICD CODES</u>                                    |                            | See Detailed Notes  |
| 333-<br>335 | 3     |                  | <u>Findings #1</u><br>X01-998 - As given<br>Blank                                                  | 8197<br>15611              | *                   |
| 336-<br>338 | 3     |                  | <u>Findings #2</u><br>X09-997 - As given<br>Blank                                                  | 3215<br>20593              | *                   |
| 339-<br>341 | 3     |                  | <u>Findings #3</u><br>X02-998 - As given<br>Blank                                                  | 1583<br>22225              | *                   |
| 342-<br>344 | 3     |                  | <u>Findings #4</u><br>X03-996 - As given<br>Blank                                                  | 741<br>23067               | *                   |
| 345-<br>347 | 3     |                  | <u>Findings #5</u><br>X20-871 - As given<br>Blank                                                  | 271<br>23537               | *                   |

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item #      | Tap<br>Loc. | No. of<br>Positions | ITEM DESCRIPTION & CODES                                                                                                                              | Control<br>Counts           | HANES I<br>Data Source |
|-------------|-------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------|
| 348-<br>350 |             | 3                   | <u>Findings #6</u><br>X22-886 - As given<br>Blank                                                                                                     | 87<br>23721                 | *                      |
| 351-<br>353 |             | 3                   | <u>Findings #7</u><br>X22-782 - As given<br>Blank                                                                                                     | 29<br>23779                 | *                      |
| 354-<br>356 |             | 3                   | <u>Findings #8</u><br>019-784 - As given<br>Blank                                                                                                     | 10<br>23798                 | *                      |
| 357-<br>359 |             | 3                   | <u>Findings #9</u><br>429-897 - As given<br>Blank                                                                                                     | 4<br>23804                  | *                      |
| 360         |             | 1                   | <u>Examiner's subjective impression of nutritional status</u><br>1 - Normal nutrition<br>2 - Abnormal nutrition<br>8 - Blank, but applicable<br>Blank | 17047<br>3582<br>73<br>3106 | *                      |
| 361         |             | 1                   | <u>Obese</u><br>1 - Obesity<br>2 - No obesity<br>8 - Blank, but applicable<br>Blank                                                                   | 3943<br>19804<br>12<br>49   |                        |
| 362-<br>365 |             | 4                   | <u>Temperature (xxx.x)</u><br>0800-1032 - As given<br>8888 - Blank, but applicable                                                                    | 22385<br>1423               | Control Record         |
| 366-<br>424 |             | 59                  | <u>WORK AREA</u>                                                                                                                                      |                             |                        |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Type Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                     | Control Counts        | HANES I Data Source                         |
|--------|-----------|------------------|--------------------------------------------------------------|-----------------------|---------------------------------------------|
|        |           |                  | <u>EXTERNAL EAR (EXCEPT CANAL)</u>                           |                       |                                             |
|        |           | 1                | <u>Right Ear</u><br>1 - No Findings<br>2 - Findings<br>Blank | 5673<br>1219<br>16916 | General Medical Examination<br>(Ages 25-74) |
|        |           | 1                | <u>Left Ear</u><br>1 - No Findings<br>2 - Findings<br>Blank  | 5672<br>1220<br>16916 |                                             |
|        |           | 1                | <u>Operative Scar (right)</u><br>1 - Findings<br>Blank       | 17<br>23791           |                                             |
|        |           | 1                | <u>Operative Scar (left)</u><br>1 - Findings<br>Blank        | 7<br>23801            |                                             |
|        |           | 1                | <u>Other (right)</u><br>1 - Findings<br>Blank                | 22<br>23786           |                                             |
|        |           | 1                | <u>Other (left)</u><br>1 - Findings<br>Blank                 | 32<br>23776           |                                             |
|        |           | 1                | <u>Pierced Ears</u><br>1 - Yes<br>2 - No<br>Blank            | 1177<br>5715<br>16916 |                                             |
|        |           |                  | <u>AUDITORY CANAL</u>                                        |                       |                                             |
|        |           | 1                | <u>Right ear</u><br>1 - No Findings<br>2 - Findings<br>Blank | 6079<br>813<br>16916  |                                             |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                                 | Control Counts                    | HANES I Data Source |
|--------|-----------|------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------|
| 433    |           | 1                | Left ear<br>1 - No findings<br>2 - Findings<br>Blank                                                     | 5849<br>1043<br>16916             |                     |
| 434    |           | 1                | Occluded (right)<br>1 - Partially<br>2 - Completely<br>Blank                                             | 303<br>452<br>23053               |                     |
| 435    |           | 1                | Occluded (left)<br>1 - Partially<br>2 - Completely<br>Blank                                              | 285<br>434<br>23089               |                     |
| 436    |           | 1                | Occluded by - (right)<br>1 - Cerumen<br>2 - Other<br>Blank                                               | 733<br>28<br>23047                |                     |
| 437    |           | 1                | Occluded by - (left)<br>1 - Cerumen<br>2 - Other<br>Blank                                                | 699<br>28<br>23081                |                     |
| 438    |           | 1                | Drum (right)<br>1 - No findings<br>2 - Findings<br>3 - Not visible<br>8 - Blank, but applicable<br>Blank | 6035<br>349<br>495<br>13<br>16916 |                     |
| 439    |           | 1                | Drum (left)<br>1 - No findings<br>2 - Findings<br>3 - Not visible<br>8 - Blank, but applicable<br>Blank  | 6079<br>320<br>480<br>13<br>16916 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                           | Control Counts    | HANES I Data Source |
|--------|-----------|------------------|------------------------------------------------------------------------------------|-------------------|---------------------|
|        | 440       | 1                | <u>Dull - Transparent (right)</u><br>1 - Dull (opaque)<br>2 - Transparent<br>Blank | 124<br>3<br>23681 |                     |
|        | 441       | 1                | <u>Dull - Transparent (left)</u><br>1 - Dull (opaque)<br>2 - Transparent<br>Blank  | 119<br>3<br>23686 |                     |
|        | 442       | 1                | <u>Bulging - Retracted (right)</u><br>1 - Bulging<br>2 - Retracted<br>Blank        | 4<br>44<br>23760  |                     |
|        | 443       | 1                | <u>Bulging - Retracted (left)</u><br>1 - Bulging<br>2 - Retracted<br>Blank         | 1<br>50<br>23757  |                     |
|        | 444       | 1                | <u>Calcium Plaques (right)</u><br>1 - Findings<br>Blank                            | 38<br>23770       |                     |
|        | 445       | 1                | <u>Calcium Plaques (left)</u><br>1 - Findings<br>Blank                             | 34<br>23774       |                     |
|        | 446       | 1                | <u>Other findings (right)</u><br>1 - Findings<br>Blank                             | 23<br>23785       |                     |
|        | 447       | 1                | <u>Other findings (left)</u><br>1 - Findings<br>Blank                              | 20<br>23788       |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                | Control Counts    | HANES I Data Source |
|--------|-----------|------------------|-----------------------------------------------------------------------------------------|-------------------|---------------------|
| 448    | 1         | 1                | <u>Red - Other discoloration (right)</u><br>1 - Red<br>2 - Other discoloration<br>Blank | 265<br>2<br>23780 |                     |
| 449    | 1         | 1                | <u>Red - Other discoloration (left)</u><br>1 - Red<br>2 - Other discoloration<br>Blank  | 24<br>2<br>23782  |                     |
| 450    | 1         | 1                | <u>Fluid (right)</u><br>1 - Yes<br>Blank                                                | 6<br>23802        |                     |
| 451    | 1         | 1                | <u>Fluid (left)</u><br>1 - Yes<br>Blank                                                 | 3<br>23805        |                     |
| 452    | 1         | 1                | <u>Scars (right)</u><br>1 - Yes<br>Blank                                                | 83<br>23725       |                     |
| 453    | 1         | 1                | <u>Scars (left)</u><br>1 - Yes<br>Blank                                                 | 74<br>23734       |                     |
| 454    | 1         | 1                | <u>Perforated (right)</u><br>1 - With discharge<br>2 - Without discharge<br>Blank       | 15<br>27<br>23766 |                     |
| 455    | 1         | 1                | <u>Perforated (left)</u><br>1 - With discharge<br>2 - Without discharge<br>Blank        | 12<br>28<br>23768 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                                | Control Counts       | HANES I Data Source |
|--------|-----------|------------------|---------------------------------------------------------------------------------------------------------|----------------------|---------------------|
|        | 456       | 1                | <u>Nares (right)</u><br>1 - No findings<br>2 - Findings<br>Blank                                        | 6536<br>356<br>16916 |                     |
|        | 457       | 1                | <u>Nares (left)</u><br>1 - No findings<br>2 - Findings<br>Blank                                         | 6526<br>366<br>16916 |                     |
|        | 458       | 1                | <u>Obstruction (right)</u><br>1 - Acute<br>2 - Chronic<br>Blank                                         | 13<br>37<br>23758    |                     |
|        | 459       | 1                | <u>Obstruction (left)</u><br>1 - Acute<br>2 - Chronic<br>Blank<br><br><u>OTHER SIGNIFICANT FINDINGS</u> | 17<br>34<br>23757    |                     |
|        | 460       | 1                | <u>Deviated Septum (right)</u><br>1 - Yes<br>Blank                                                      | 100<br>23708         |                     |
|        | 461       | 1                | <u>Deviated Septum (left)</u><br>1 - Yes<br>Blank                                                       | 114<br>23694         |                     |
|        | 462       | 1                | <u>Swollen turbinates (right)</u><br>1 - Yes<br>Blank                                                   | 152<br>23656         |                     |
|        | 463       | 1                | <u>Swollen turbinates (left)</u><br>1 - Yes<br>Blank                                                    | 163<br>23645         |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                              | Control Counts       | HANES I Data Source |
|--------|-----------|------------------|-----------------------------------------------------------------------|----------------------|---------------------|
|        | 464       | 1                | <u>Chronic Inflammation (right)</u><br>1 - Yes<br>Blank               | 64<br>23744          |                     |
|        | 465       | 1                | <u>Chronic Inflammation (left)</u><br>1 - Yes<br>Blank                | 60<br>23748          |                     |
|        | 466       | 1                | <u>Other (right)</u><br>1 - Yes<br>Blank                              | 66<br>23742          |                     |
|        | 467       | 1                | <u>Other (left)</u><br>1 - Yes<br>Blank                               | 61<br>23747          |                     |
|        | 468       | 1                | <u>NECK</u><br>1 - No findings<br>2 - Findings<br>Blank               | 6669<br>223<br>16916 |                     |
|        | 469       | 1                | <u>Adenopathy</u><br>1 - Findings<br>Blank                            | 18<br>23790          |                     |
|        | 470       | 1                | <u>Tracheal deviation</u><br>1 - Findings<br>Blank                    | 0<br>23808           |                     |
|        | 471       | 1                | <u>Other</u><br>1 - Findings<br>Blank                                 | 207<br>23601         |                     |
|        | 472       | 1                | <u>CHEST AUSCULTATION</u><br>1 - No findings<br>2 - Findings<br>Blank | 6342<br>550<br>16916 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                             | Control Counts    | HANES I Data Source |
|--------|-----------|------------------|------------------------------------------------------------------------------------------------------|-------------------|---------------------|
| 473    | 1         | 1                | <u>RIGHT CHEST - Upper Lobe</u><br>1 - Diminished breath sounds<br>2 - Absent breath sounds<br>Blank | 174<br>2<br>23632 |                     |
| 474    | 1         | 1                | <u>Bronchial breath sounds</u><br>1 - Yes<br>Blank                                                   | 6<br>23802        |                     |
| 475    | 1         | 1                | <u>Rales</u><br>1 - Yes<br>Blank                                                                     | 13<br>23795       |                     |
| 476    | 1         | 1                | <u>Rhonchi</u><br>1 - Yes<br>Blank                                                                   | 42<br>23766       |                     |
| 477    | 1         | 1                | <u>Wheeze</u><br>1 - Yes<br>Blank                                                                    | 69<br>23739       |                     |
| 478    | 1         | 1                | <u>Middle Lobe</u><br>1 - Diminished breath sounds<br>2 - Absent breath sounds<br>Blank              | 167<br>5<br>23636 |                     |
| 479    | 1         | 1                | <u>Bronchial breath sounds</u><br>1 - Yes<br>Blank                                                   | 6<br>23802        |                     |
| 480    | 1         | 1                | <u>Rales</u><br>1 - Yes<br>Blank                                                                     | 16<br>23792       |                     |
| 481    | 1         | 1                | <u>Rhonchi</u><br>1 - Yes<br>Blank                                                                   | 39<br>23769       |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                               | Control Counts    | HANES I Data Source |
|--------|-----------|------------------|----------------------------------------------------------------------------------------|-------------------|---------------------|
| 482    |           | 1                | <u>Wheeze</u><br>1 - Yes<br>Blank                                                      | 72<br>23736       |                     |
| 483    |           | 1                | <u>Lower Lobe</u><br>1 - Diminished breath sounds<br>2 - Absent breath sounds<br>Blank | 184<br>7<br>23617 |                     |
| 484    |           | 1                | <u>Bronchial breath sounds</u><br>1 - Yes<br>Blank                                     | 8<br>23800        |                     |
| 485    |           | 1                | <u>Rales</u><br>1 - Yes<br>Blank                                                       | 64<br>23744       |                     |
| 486    |           | 1                | <u>Rhonchi</u><br>1 - Yes<br>Blank                                                     | 52<br>23756       |                     |
| 487    |           | 1                | <u>Wheeze</u><br>1 - Yes<br>Blank<br><br><u>LEFT CHEST</u>                             | 73<br>23735       |                     |
| 488    |           | 1                | <u>Upper Lobe</u><br>1 - Diminished breath sounds<br>2 - Absent breath sounds<br>Blank | 166<br>3<br>23639 |                     |
| 489    |           | 1                | <u>Bronchial breath sounds</u><br>1 - Yes<br>Blank                                     | 8<br>23800        |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                      | Control Counts            | HANES I Data Source |
|--------|-----------|------------------|-----------------------------------------------------------------------------------------------|---------------------------|---------------------|
|        | 490       | 1                | <u>Rales</u><br>1 - Yes<br>Blank                                                              | 13<br>23795               |                     |
|        | 491       | 1                | <u>Rhonchi</u><br>1 - Yes<br>Blank                                                            | 36<br>23772               |                     |
|        | 492       | 1                | <u>Wheeze</u><br>1 - Yes<br>Blank                                                             | 75<br>23733               |                     |
|        | 493       | 1                | <u>Lower Lobe</u><br>1 - Diminished breath sounds<br>2 - Absent breath sounds<br>Blank        | 174<br>8<br>23626         |                     |
|        | 494       | 1                | <u>Bronchial breath sounds</u><br>1 - Yes<br>Blank                                            | 8<br>23800                |                     |
|        | 495       | 1                | <u>Rales</u><br>1 - Yes<br>Blank                                                              | 62<br>23746               |                     |
|        | 496       | 1                | <u>Rhonchi</u><br>1 - Yes<br>Blank                                                            | 47<br>23761               |                     |
|        | 497       | 1                | <u>Wheeze</u><br>1 - Yes<br>Blank                                                             | 81<br>23727               |                     |
|        | 498       | 1                | <u>Other chest findings</u><br>1 - None<br>2 - Findings<br>8 - Blank, but applicable<br>Blank | 6680<br>209<br>3<br>16916 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES              | Control Counts | HANES I Data Source |
|--------|-----------|------------------|---------------------------------------|----------------|---------------------|
|        |           |                  | <u>HEART</u>                          |                |                     |
|        | 499       | 1                | <u>PMI (Point of Maximal Impulse)</u> |                |                     |
|        |           |                  | 1 - Felt                              | 3842           |                     |
|        |           |                  | 2 - Not felt                          | 3050           |                     |
|        |           |                  | Blank                                 | 16916          |                     |
|        | 500       | 1                | <u>Interspace</u>                     |                |                     |
|        |           |                  | 4-7 felt - as given                   | 3830           |                     |
|        |           |                  | 8 - Blank, but applicable             | 1              |                     |
|        |           |                  | Blank                                 | 19977          |                     |
|        | 501       | 1                | <u>Midclavicular</u>                  |                |                     |
|        |           |                  | 1 - At                                | 2405           |                     |
|        |           |                  | 2 - Inside                            | 1154           |                     |
|        |           |                  | 3 - Outside                           | 272            |                     |
|        |           |                  | Blank                                 | 19977          |                     |
|        | 502       | 1                | <u>Thrills</u>                        |                |                     |
|        |           |                  | 1 - Absent                            | 6855           |                     |
|        |           |                  | 2 - Present                           | 33             |                     |
|        |           |                  | Blank                                 | 16920          |                     |
|        | 503       | 1                | <u>Systolic</u>                       |                |                     |
|        |           |                  | 1 - Base                              | 17             |                     |
|        |           |                  | 2 - Apex                              | 13             |                     |
|        |           |                  | Blank                                 | 23778          |                     |
|        | 504       | 1                | <u>Diastolic</u>                      |                |                     |
|        |           |                  | 1 - Base                              | 12             |                     |
|        |           |                  | 2 - Apex                              | 6              |                     |
|        |           |                  | Blank                                 | 23790          |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                                                                 | Control Counts                    | HANES I Data Source |
|--------|-----------|------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------|
|        | 505       | 1                | <u>First Heart Sound</u><br>1 - Normal<br>2 - Accentuated<br>3 - Diminished<br>8 - Blank, but applicable<br>Blank                        | 6580<br>32<br>243<br>37<br>16916  |                     |
|        | 506       | 1                | <u>Second Heart Sound</u><br>1 - Normal<br>2 - Accentuated<br>3 - Diminished<br>8 - Blank, but applicable<br>Blank<br><br><u>MURMURS</u> | 6541<br>111<br>203<br>37<br>16916 |                     |
|        | 507       | 1                | <u>Murmurs:</u><br>1 - None<br>Blank                                                                                                     | 6457<br>17351                     |                     |
|        | 508       | 1                | <u>If Murmur - Type (systolic)</u><br>1 - Functional<br>2 - Organic<br>9 - Don't know<br>Blank                                           | 118<br>192<br>86<br>23412         |                     |
|        | 509       | 1                | <u>If murmur - type (diastolic)</u><br>1 - Functional<br>2 - Organic<br>9 - Don't know<br>Blank                                          | 2<br>41<br>2<br>23763             |                     |
|        | 510       | 1                | <u>LOCATION OF MURMURS</u><br><br><u>Apex - Systolic</u><br>1-6 - Grade as given<br>Blank                                                | 240<br>23568                      |                     |

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                            | Control Counts          | HANES I Data Source |
|--------|-----------|------------------|---------------------------------------------------------------------|-------------------------|---------------------|
| 511    |           | 1                | <u>Apex - Diastolic</u><br>1-6 - Grade as given<br>Blank            | 33<br>23775             |                     |
| 512    |           | 1                | <u>Midprecordium - Systolic</u><br>1-6 - Grade as given<br>Blank    | 148<br>23660            |                     |
| 513    |           | 1                | <u>Midprecordium - Diastolic</u><br>1-6 - Grade as given<br>Blank   | 6<br>23802              |                     |
| 514    |           | 1                | <u>Left Base - Systolic</u><br>1-6 - Grade as given<br>Blank        | 104<br>23704            |                     |
| 515    |           | 1                | <u>Left Base - Diastolic</u><br>1-6 - Grade as given<br>Blank       | 4<br>23804              |                     |
| 516    |           | 1                | <u>Right Base - Systolic</u><br>1-6 - Grade as given<br>Blank       | 133<br>23675            |                     |
| 517    |           | 1                | <u>Right Base - Diastolic</u><br>1-6 - Grade as given<br>Blank      | 8<br>23800              |                     |
|        |           |                  | <u>MURMURS - ORIGIN</u>                                             |                         |                     |
| 518    |           | 1                | <u>Mitral</u><br>1 - Systolic<br>2 - Diastolic<br>3 - Both<br>Blank | 113<br>22<br>5<br>23668 |                     |

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                               | Control Counts         | HANES I Data Source |
|--------|-----------|------------------|------------------------------------------------------------------------|------------------------|---------------------|
| 519    | 1         |                  | <u>Aortic</u><br>1 - Systolic<br>2 - Diastolic<br>3 - Both<br>Blank    | 106<br>6<br>6<br>23690 |                     |
| 520    | 1         |                  | <u>Tricuspid</u><br>1 - Systolic<br>2 - Diastolic<br>3 - Both<br>Blank | 2<br>0<br>0<br>23806   |                     |
| 521    | 1         |                  | <u>Pulmonic</u><br>1 - Systolic<br>2 - Diastolic<br>3 - Both<br>Blank  | 13<br>2<br>0<br>23793  |                     |
| 522    | 1         |                  | <u>ASD</u><br>1 - Systolic<br>2 - Diastolic<br>3 - Both<br>Blank       | 2<br>0<br>0<br>23806   |                     |
| 523    | 1         |                  | <u>VSD</u><br>1 - Systolic<br>2 - Diastolic<br>3 - Both<br>Blank       | 11<br>0<br>0<br>23797  |                     |
| 524    | 1         |                  | <u>Other</u><br>1 - Systolic<br>2 - Diastolic<br>3 - Both<br>Blank     | 50<br>1<br>0<br>23757  |                     |
| 525    | 1         |                  | <u>Don't Know</u><br>9 - Systolic<br>Blank                             | 99<br>23709            |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                                                                | Control Counts                       | HANES I Data Source |
|--------|-----------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------|
| 526    |           | 1                | <u>Other Cardiac or Cardiovascular Findings</u><br>1 - No<br>2 - Yes<br>Blank<br><br>IF FINDINGS ABOVE:                                 | 5928<br>964<br>16916                 |                     |
| 527    |           | 1                | <u>Edema</u><br>1 - Yes<br>Blank                                                                                                        | 203<br>23605                         |                     |
| 528    |           | 1                | <u>Other</u><br>1 - Yes<br>Blank                                                                                                        | 826<br>22982                         |                     |
| 529    |           | 1                | <u>Neck Vein Distension</u><br>1 - Yes<br>Blank<br><br><u>PULSE - ARTERIAL EVALUATION</u><br><br><u>Palpation</u>                       | 44<br>23764                          |                     |
| 530    |           | 1                | <u>Right Radial</u><br>1 - Normal<br>2 - Sclerotic<br>3 - Tortuous<br>4 - Sclerotic and Tortuous<br>8 - Blank, but applicable<br>Blank  | 6823<br>37<br>3<br>12<br>17<br>16916 |                     |
| 531    |           | 1                | <u>Right Femoral</u><br>1 - Normal<br>2 - Sclerotic<br>3 - Tortuous<br>4 - Sclerotic and Tortuous<br>8 - Blank, but applicable<br>Blank | 6825<br>28<br>0<br>7<br>32<br>16916  |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                                                                       | Control Counts                        | HANES I Data Source |
|--------|-----------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------|
|        | 532       | 1                | <u>Right Dorsalis Pedis</u><br>1 - Normal<br>2 - Sclerotic<br>3 - Tortuous<br>4 - Sclerotic and Tortuous<br>8 - Blank, but applicable<br>Blank | 6711<br>46<br>1<br>12<br>122<br>16916 |                     |
|        | 533       | 1                | <u>Left Radial</u><br>1 - Normal<br>2 - Sclerotic<br>3 - Tortuous<br>4 - Sclerotic and Tortuous<br>8 - Blank, but applicable<br>Blank          | 6817<br>38<br>2<br>11<br>24<br>16916  |                     |
|        | 534       | 1                | <u>Left Femoral</u><br>1 - Normal<br>2 - Sclerotic<br>3 - Tortuous<br>4 - Sclerotic and Tortuous<br>8 - Blank, but applicable<br>Blank         | 6816<br>30<br>0<br>6<br>40<br>16916   |                     |
|        | 535       | 1                | <u>Left Dorsalis Pedis</u><br>1 - Normal<br>2 - Sclerotic<br>3 - Tortuous<br>4 - Sclerotic and Tortuous<br>8 - Blank, but applicable<br>Blank  | 6712<br>51<br>2<br>11<br>116<br>16916 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES    | Control Counts | HANES I Data Source |
|--------|-----------|------------------|-----------------------------|----------------|---------------------|
|        |           |                  | <u>Pulsations</u>           |                |                     |
|        | 536       | 1                | <u>Right Radial</u>         |                |                     |
|        |           |                  | 1 - Normal                  | 6815           |                     |
|        |           |                  | 2 - Diminished              | 33             |                     |
|        |           |                  | 3 - Bounding                | 19             |                     |
|        |           |                  | 4 - Absent                  | 12             |                     |
|        |           |                  | 8 - Blank, but applicable   | 13             |                     |
|        |           |                  | Blank                       | 16916          |                     |
|        | 537       | 1                | <u>Right Femoral</u>        |                |                     |
|        |           |                  | 1 - Normal                  | 6753           |                     |
|        |           |                  | 2 - Diminished              | 68             |                     |
|        |           |                  | 3 - Bounding                | 19             |                     |
|        |           |                  | 4 - Absent                  | 33             |                     |
|        |           |                  | 8 - Blank, but applicable   | 19             |                     |
|        |           |                  | Blank                       | 16916          |                     |
|        | 538       | 1                | <u>Right Dorsalis Pedis</u> |                |                     |
|        |           |                  | 1 - Normal                  | 6243           |                     |
|        |           |                  | 2 - Diminished              | 302            |                     |
|        |           |                  | 3 - Bounding                | 20             |                     |
|        |           |                  | 4 - Absent                  | 290            |                     |
|        |           |                  | 8 - Blank, but applicable   | 37             |                     |
|        |           |                  | Blank                       | 16916          |                     |
|        | 539       | 1                | <u>Other</u>                |                |                     |
|        |           |                  | 1 - Normal                  | 346            |                     |
|        |           |                  | 2 - Diminished              | 50             |                     |
|        |           |                  | 3 - Bounding                | 1              |                     |
|        |           |                  | 4 - Absent                  | 40             |                     |
|        |           |                  | Blank                       | 23371          |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                                                       | Control Counts                          | HANES I Data Source |
|--------|-----------|------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
| 540    |           | 1                | <u>Left Radial</u><br>1 - Normal<br>2 - Diminished<br>3 - Bounding<br>4 - Absent<br>8 - Blank, but applicable<br>Blank         | 6808<br>37<br>18<br>6<br>23<br>16916    |                     |
| 541    |           | 1                | <u>Left Femoral</u><br>1 - Normal<br>2 - Diminished<br>3 - Bounding<br>4 - Absent<br>8 - Blank, but applicable<br>Blank        | 6737<br>73<br>20<br>37<br>25<br>16916   |                     |
| 542    |           | 1                | <u>Left Dorsalis pedis</u><br>1 - Normal<br>2 - Diminished<br>3 - Bounding<br>4 - Absent<br>8 - Blank, but applicable<br>Blank | 6264<br>299<br>20<br>265<br>44<br>16916 |                     |
| 543    |           | 1                | <u>Other</u><br>1 - Normal<br>2 - Diminished<br>3 - Bounding<br>4 - Absent<br>Blank                                            | 309<br>47<br>1<br>135<br>23416          |                     |
| 544    |           | 1                | <u>KNEES</u><br>1 - Findings<br>2 - No findings<br>Blank                                                                       | 913<br>5979<br>16916                    |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES | Control Counts | HANES I Data Source |
|--------|-----------|------------------|--------------------------|----------------|---------------------|
|        |           |                  | <u>BONY IRREGULARITY</u> |                |                     |
|        | 545       | 1                | <u>Genu varum</u>        |                |                     |
|        |           |                  | 1 - Right                | 4              |                     |
|        |           |                  | 2 - Left                 | 1              |                     |
|        |           |                  | 3 - Both                 | 99             |                     |
|        |           |                  | Blank                    | 23704          |                     |
|        | 546       | 1                | <u>Genu valgum</u>       |                |                     |
|        |           |                  | 1 - Right                | 3              |                     |
|        |           |                  | 2 - Left                 | 3              |                     |
|        |           |                  | 3 - Both                 | 66             |                     |
|        |           |                  | Blank                    | 23736          |                     |
|        | 547       | 1                | <u>Genu recurvatum</u>   |                |                     |
|        |           |                  | 1 - Right                | 0              |                     |
|        |           |                  | 2 - Left                 | 0              |                     |
|        |           |                  | 3 - Both                 | 2              |                     |
|        |           |                  | Blank                    | 23806          |                     |
|        | 548       | 1                | <u>Fixed flexion</u>     |                |                     |
|        |           |                  | 1 - Right                | 5              |                     |
|        |           |                  | 2 - Left                 | 4              |                     |
|        |           |                  | 3 - Both                 | 4              |                     |
|        |           |                  | Blank                    | 23795          |                     |
|        | 549       | 1                | <u>Other</u>             |                |                     |
|        |           |                  | 1 - Right                | 27             |                     |
|        |           |                  | 2 - Left                 | 19             |                     |
|        |           |                  | 3 - Both                 | 24             |                     |
|        |           |                  | Blank                    | 23738          |                     |
|        |           |                  | <u>PAIN ON MOTION</u>    |                |                     |
|        | 550       | 1                | <u>Right medial</u>      |                |                     |
|        |           |                  | 1 - Active               | 8              |                     |
|        |           |                  | 2 - Passive              | 8              |                     |
|        |           |                  | 3 - Both                 | 24             |                     |
|        |           |                  | Blank                    | 23768          |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                               | Control Counts         | HANES I Data Source |
|--------|-----------|------------------|------------------------------------------------------------------------|------------------------|---------------------|
|        | 551       | 1                | <u>Right medial</u><br>1 - Tenderness<br>Blank                         | 25<br>23783            |                     |
|        | 552       | 1                | <u>Right lateral</u><br>1 - Active<br>2 - Passive<br>3 - Both<br>Blank | 3<br>5<br>24<br>23776  |                     |
|        | 553       | 1                | <u>Right lateral</u><br>1 - Tenderness<br>Blank                        | 23<br>23785            |                     |
|        | 554       | 1                | <u>Right diffuse</u><br>1 - Active<br>2 - Passive<br>3 - Both<br>Blank | 4<br>16<br>46<br>23742 |                     |
|        | 555       | 1                | <u>Right diffuse</u><br>1 - Tenderness<br>Blank                        | 51<br>23757            |                     |
|        | 556       | 1                | <u>Left Medial</u><br>1 - Active<br>2 - Passive<br>3 - Both<br>Blank   | 7<br>4<br>18<br>23779  |                     |
|        | 557       | 1                | <u>Left medial</u><br>1 - Tenderness<br>Blank                          | 28<br>23780            |                     |
|        | 558       | 1                | <u>Left lateral</u><br>1 - Active<br>2 - Passive<br>3 - Both<br>Blank  | 4<br>7<br>21<br>23776  |                     |

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                          | Control Counts          | HANES I Data Source |
|--------|-----------|------------------|-----------------------------------------------------------------------------------|-------------------------|---------------------|
| 559    | 1         | 1                | <u>Left lateral</u><br>1 - Tenderness<br>Blank                                    | 20<br>23788             |                     |
| 560    | 1         | 1                | <u>Left diffuse</u><br>1 - Active<br>2 - Passive<br>3 - Both<br>Blank             | 6<br>7<br>31<br>23764   |                     |
| 561    | 1         | 1                | <u>Left diffuse</u><br>1 - Tenderness<br>Blank<br><br><u>Tenderness</u>           | 40<br>23768             |                     |
| 562    | 1         | 1                | <u>Right suprapatellar</u><br>1 - Tenderness<br>Blank                             | 27<br>23781             |                     |
| 563    | 1         | 1                | <u>Left suprapatellar</u><br>1 - Tenderness<br>Blank                              | 31<br>23777             |                     |
| 564    | 1         | 1                | <u>Right infrapatellar</u><br>1 - Tenderness<br>Blank                             | 27<br>23781             |                     |
| 565    | 1         | 1                | <u>Left infrapatellar</u><br>1 - Tenderness<br>Blank<br><br><u>Other findings</u> | 22<br>23786             |                     |
| 566    | 1         | 1                | <u>Swelling</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                     | 19<br>10<br>19<br>23760 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                       | Control Counts            | HANES I Data Source |
|--------|-----------|------------------|--------------------------------------------------------------------------------|---------------------------|---------------------|
| 567    | 1         | 1                | <u>Fluid</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                     | 7<br>6<br>0<br>23795      |                     |
| 568    | 1         | 1                | <u>Soft tissue proliferation</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank | 10<br>3<br>18<br>23777    |                     |
| 569    | 1         | 1                | <u>Subpatellar crepitus</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank      | 86<br>127<br>274<br>23321 |                     |
| 570    | 1         | 1                | <u>Muscular wasting thigh</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank    | 3<br>7<br>1<br>23797      |                     |
| 571    | 1         | 1                | <u>Other</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                     | 40<br>31<br>24<br>23713   |                     |
| 572    | 1         | 1                | <u>HIPS</u><br>1 - Findings<br>2 - No findings<br>Blank                        | 275<br>6617<br>16916      |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES  | Control Counts | HANES I Data Source |
|--------|-----------|------------------|---------------------------|----------------|---------------------|
|        |           |                  | <u>PAIN ON MOTION</u>     |                |                     |
|        | 573       | 1                | <u>Extension--Active</u>  |                |                     |
|        |           |                  | 1 - Right                 | 15             |                     |
|        |           |                  | 2 - Left                  | 15             |                     |
|        |           |                  | 3 - Both                  | 20             |                     |
|        |           |                  | Blank                     | 23758          |                     |
|        | 574       | 1                | <u>Extension--Passive</u> |                |                     |
|        |           |                  | 1 - Right                 | 10             |                     |
|        |           |                  | 2 - Left                  | 15             |                     |
|        |           |                  | 3 - Both                  | 28             |                     |
|        |           |                  | Blank                     | 23755          |                     |
|        | 575       | 1                | <u>Flexion--Active</u>    |                |                     |
|        |           |                  | 1 - Right                 | 19             |                     |
|        |           |                  | 2 - Left                  | 15             |                     |
|        |           |                  | 3 - Both                  | 25             |                     |
|        |           |                  | Blank                     | 23749          |                     |
|        | 576       | 1                | <u>Flexion--Passive</u>   |                |                     |
|        |           |                  | 1 - Right                 | 18             |                     |
|        |           |                  | 2 - Left                  | 15             |                     |
|        |           |                  | 3 - Both                  | 31             |                     |
|        |           |                  | Blank                     | 23744          |                     |
|        | 577       | 1                | <u>Abduction--Active</u>  |                |                     |
|        |           |                  | 1 - Right                 | 18             |                     |
|        |           |                  | 2 - Left                  | 17             |                     |
|        |           |                  | 3 - Both                  | 25             |                     |
|        |           |                  | Blank                     | 23748          |                     |
|        | 578       | 1                | <u>Abduction--Passive</u> |                |                     |
|        |           |                  | 1 - Right                 | 14             |                     |
|        |           |                  | 2 - Left                  | 19             |                     |
|        |           |                  | 3 - Both                  | 36             |                     |
|        |           |                  | Blank                     | 23739          |                     |

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item #             | Tap's Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                        | Control Counts          | HANES I Data Source |
|--------------------|------------|------------------|---------------------------------------------------------------------------------|-------------------------|---------------------|
| 1<br>21<br>61<br>1 | 579        | 1                | <u>Adduction--Active</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank          | 15<br>14<br>18<br>23761 |                     |
|                    | 580        | 1                | <u>Adduction--Passive</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank         | 12<br>17<br>26<br>23753 |                     |
|                    | 581        | 1                | <u>External Rotation--Active</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank  | 37<br>28<br>37<br>23706 |                     |
|                    | 582        | 1                | <u>External Rotation--Passive</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank | 31<br>27<br>48<br>23702 |                     |
|                    | 583        | 1                | <u>Internal Rotation--Active</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank  | 27<br>21<br>28<br>23732 |                     |
|                    | 584        | 1                | <u>Internal Rotation--Passive</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank | 25<br>25<br>37<br>23721 |                     |

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES         | Control Counts | HANES I Data Source |
|--------|-----------|------------------|----------------------------------|----------------|---------------------|
|        |           |                  | <u>Other Findings:</u>           |                |                     |
|        | 585       | 1                | <u>Muscle Wastings (Gluteal)</u> |                |                     |
|        |           |                  | 1 - Right                        | 1              |                     |
|        |           |                  | 2 - Left                         | 8              |                     |
|        |           |                  | 3 - Both                         | 7              |                     |
|        |           |                  | Blank                            | 23792          |                     |
|        | 586       | 1                | <u>Trochanter tenderness</u>     |                |                     |
|        |           |                  | 1 - Right                        | 9              |                     |
|        |           |                  | 2 - Left                         | 12             |                     |
|        |           |                  | 3 - Both                         | 17             |                     |
|        |           |                  | Blank                            | 23770          |                     |
|        | 587       | 1                | <u>Groin tenderness</u>          |                |                     |
|        |           |                  | 1 - Right                        | 1              |                     |
|        |           |                  | 2 - Left                         | 3              |                     |
|        |           |                  | 3 - Both                         | 0              |                     |
|        |           |                  | Blank                            | 23804          |                     |
|        | 588       | 1                | <u>Other</u>                     |                |                     |
|        |           |                  | 1 - Right                        | 23             |                     |
|        |           |                  | 2 - Left                         | 8              |                     |
|        |           |                  | 3 - Both                         | 31             |                     |
|        |           |                  | Blank                            | 23746          |                     |
|        | 589       | 1                | <u>JOINTS</u>                    |                |                     |
|        |           |                  | 1 - No findings                  | 5826           |                     |
|        |           |                  | 2 - Findings                     | 1066           |                     |
|        |           |                  | Blank                            | 16916          |                     |
|        |           |                  | <u>SHOULDER</u>                  |                |                     |
|        | 590       | 1                | <u>Tender</u>                    |                |                     |
|        |           |                  | 1 - Right                        | 25             |                     |
|        |           |                  | 2 - Left                         | 26             |                     |
|        |           |                  | 3 - Both                         | 23             |                     |
|        |           |                  | Blank                            | 23734          |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                       | Control Counts          | HANES I Data Source |
|--------|-----------|------------------|--------------------------------------------------------------------------------|-------------------------|---------------------|
| 591    | 1         | 1                | <u>Swelling</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                  | 1<br>1<br>0<br>23806    |                     |
| 592    | 1         | 1                | <u>Deformity</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                 | 1<br>1<br>1<br>23805    |                     |
| 593    | 1         | 1                | <u>Limitation</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                | 39<br>44<br>43<br>23682 |                     |
| 594    | 1         | 1                | <u>Pain on motion</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank            | 55<br>53<br>43<br>23657 |                     |
| 595    | 1         | 1                | <u>Other</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank<br><br><u>ELBOW</u> | 7<br>6<br>4<br>23791    |                     |
| 596    | 1         | 1                | <u>Tender</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                    | 23<br>17<br>10<br>23758 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                       | Control Counts         | HANES I Data Source |
|--------|-----------|------------------|--------------------------------------------------------------------------------|------------------------|---------------------|
|        | 597       | 1                | <u>Swelling</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                  | 1<br>0<br>2<br>23805   |                     |
|        | 598       | 1                | <u>Deformity</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                 | 4<br>7<br>3<br>23794   |                     |
|        | 599       | 1                | <u>Limitation</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                | 18<br>13<br>5<br>23772 |                     |
|        | 600       | 1                | <u>Pain on motion</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank            | 17<br>9<br>5<br>23777  |                     |
|        | 601       | 1                | <u>Other</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank<br><br><u>WRIST</u> | 4<br>1<br>6<br>23797   |                     |
|        | 602       | 1                | <u>Tender</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                    | 18<br>7<br>15<br>23768 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Portitions | ITEM DESCRIPTION & CODES                                            | Control Counts         | HANES I Data Source |
|--------|-----------|-------------------|---------------------------------------------------------------------|------------------------|---------------------|
| 603    | 1         | 1                 | <u>Swelling</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank       | 8<br>1<br>1<br>23798   |                     |
| 604    | 1         | 1                 | <u>Deformity</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank      | 11<br>7<br>7<br>23783  |                     |
| 605    | 1         | 1                 | <u>Limitation</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank     | 13<br>4<br>13<br>23778 |                     |
| 606    | 1         | 1                 | <u>Pain on motion</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank | 7<br>6<br>8<br>23787   |                     |
| 607    | 1         | 1                 | <u>Other</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank          | 2<br>2<br>5<br>23799   |                     |
|        |           |                   | <u>METACARPOPHALANGEAL (Number involved)</u>                        |                        |                     |
| 608    | 1         | 1                 | <u>Tender--Right</u><br>1-5 - Number as given<br>Blank              | 36<br>23772            |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                       | Control Counts | HANES I Data Source |
|--------|-----------|------------------|----------------------------------------------------------------|----------------|---------------------|
|        | 609       | 1                | <u>Tender--Left</u><br>1-5 - Number as given<br>Blank          | 22<br>23786    |                     |
|        | 610       | 1                | <u>Swelling--Right</u><br>1-5 - Number as given<br>Blank       | 17<br>23791    |                     |
|        | 611       | 1                | <u>Swelling--Left</u><br>1-5 - Number as given<br>Blank        | 12<br>23796    |                     |
|        | 612       | 1                | <u>Deformity--Right</u><br>1-5 - Number as given<br>Blank      | 28<br>23780    |                     |
|        | 613       | 1                | <u>Deformity--Left</u><br>1-5 - Number as given<br>Blank       | 26<br>23782    |                     |
|        | 614       | 1                | <u>Limitation--Right</u><br>1-5 - Number as given<br>Blank     | 17<br>23791    |                     |
|        | 615       | 1                | <u>Limitation--Left</u><br>1-5 - Number as given<br>Blank      | 15<br>23793    |                     |
|        | 616       | 1                | <u>Pain on motion--Right</u><br>1-5 - Number as given<br>Blank | 9<br>23799     |                     |
|        | 617       | 1                | <u>Pain on motion--Left</u><br>1-5 - Number as given<br>Blank  | 10<br>23798    |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Page Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                                       | Control Counts | HANES I Data Source |
|--------|-----------|------------------|----------------------------------------------------------------------------------------------------------------|----------------|---------------------|
|        | 618       | 1                | <u>Other--Right</u><br>1-5 - Number as given<br>Blank                                                          | 9<br>23799     |                     |
|        | 619       | 1                | <u>Other--Left</u><br>1-5 - Number as given<br>Blank<br><br><u>PROXIMAL INTER PHALANGEAL (number involved)</u> | 13<br>23795    |                     |
|        | 620       | 1                | <u>Tender--Right</u><br>1-5 - Number as given<br>Blank                                                         | 56<br>23752    |                     |
|        | 621       | 1                | <u>Tender--Left</u><br>1-5 - Number as given<br>Blank                                                          | 32<br>23776    |                     |
|        | 622       | 1                | <u>Swelling--Right</u><br>1-5 - Number as given<br>Blank                                                       | 71<br>23737    |                     |
|        | 623       | 1                | <u>Swelling--Left</u><br>1-5 - Number as given<br>Blank                                                        | 48<br>23760    |                     |
|        | 624       | 1                | <u>Deformity--Right</u><br>1-5 - Number as given<br>Blank                                                      | 95<br>23713    |                     |
|        | 625       | 1                | <u>Deformity--Left</u><br>1-5 - Number as given<br>Blank                                                       | 79<br>23729    |                     |
|        | 626       | 1                | <u>Limitation--Right</u><br>1-5 - Number as given<br>Blank                                                     | 84<br>23724    |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                       | Control Counts | HANES I Data Source |
|--------|-----------|------------------|----------------------------------------------------------------|----------------|---------------------|
| 627    |           | 1                | <u>Limitation--Left</u><br>1-5 - Number as given<br>Blank      | 64<br>23744    |                     |
| 628    |           | 1                | <u>Pain on motion--Right</u><br>1-5 - Number as given<br>Blank | 19<br>23789    |                     |
| 629    |           | 1                | <u>Pain on motion--Left</u><br>1-5 - Number as given<br>Blank  | 17<br>23791    |                     |
| 630    |           | 1                | <u>Other--Right</u><br>1-5 - Number as given<br>Blank          | 13<br>23795    |                     |
| 631    |           | 1                | <u>Other--Left</u><br>1-5 - Number as given<br>Blank           | 22<br>23786    |                     |
|        |           |                  | <u>DISTAL INTER PHALANGEAL</u>                                 |                |                     |
| 632    |           | 1                | <u>Tender--Right</u><br>1-5 - Number as given<br>Blank         | 46<br>23762    |                     |
| 633    |           | 1                | <u>Tender--Left</u><br>1-5 - Number as given<br>Blank          | 26<br>23782    |                     |
| 634    |           | 1                | <u>Swelling--Right</u><br>1-5 - Number as given<br>Blank       | 35<br>23773    |                     |
| 635    |           | 1                | <u>Swelling--Left</u><br>1-5 - Number as given<br>Blank        | 28<br>23780    |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                          | Control Counts | HANES I Data Source |
|--------|-----------|------------------|-------------------------------------------------------------------|----------------|---------------------|
|        | 636       | 1                | <u>Deformity--Right</u><br>1-5 - Number as given<br>Blank         | 103<br>23705   |                     |
|        | 637       | 1                | <u>Deformity--Left</u><br>1-5 - Number as given<br>Blank          | 98<br>23710    |                     |
|        | 638       | 1                | <u>Limitation--Right</u><br>1-5 - Number as given<br>Blank        | 65<br>23743    |                     |
|        | 639       | 1                | <u>Limitation--Left</u><br>1-5 - Number as given<br>Blank         | 65<br>23743    |                     |
|        | 640       | 1                | <u>Herberden's Nodes--Right</u><br>1-5 - Number as given<br>Blank | 315<br>23493   |                     |
|        | 641       | 1                | <u>Herberden's Nodes--Left</u><br>1-5 - Number as given<br>Blank  | 286<br>23522   |                     |
|        | 642       | 1                | <u>Pain on Motion--Right</u><br>1-5 - Number as given<br>Blank    | 9<br>23799     |                     |
|        | 643       | 1                | <u>Pain on Motion--Left</u><br>1-5 - Number as given<br>Blank     | 9<br>23799     |                     |
|        | 644       | 1                | <u>Other--Right</u><br>1-5 - Number as given<br>Blank             | 17<br>23791    |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                           | Control Counts        | HANES I Data Source |
|--------|-----------|------------------|----------------------------------------------------------------------------------------------------|-----------------------|---------------------|
|        | 645       | 1                | <u>Other--Left</u><br>1-5 - Number as given<br>Blank                                               | 21<br>23787           |                     |
|        | 646       | 1                | <u>OTHER JOINTS</u><br><u>ANKLE</u><br><u>Tender</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank | 10<br>4<br>8<br>23786 |                     |
|        | 647       | 1                | <u>Swelling</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                                      | 10<br>5<br>9<br>23784 |                     |
|        | 648       | 1                | <u>Deformity</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                                     | 13<br>5<br>9<br>23781 |                     |
|        | 649       | 1                | <u>Limitation</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                                    | 11<br>7<br>9<br>23781 |                     |
|        | 650       | 1                | <u>Pain on Motion</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                                | 10<br>9<br>4<br>23785 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                      | Control Counts        | HANES I Data Source |
|--------|-----------|------------------|-------------------------------------------------------------------------------|-----------------------|---------------------|
|        | 651       | 1                | <u>Other</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank<br><br><u>FEET</u> | 5<br>6<br>1<br>23796  |                     |
|        | 652       | 1                | <u>Tender</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                   | 2<br>1<br>3<br>23802  |                     |
|        | 653       | 1                | <u>Swelling</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                 | 2<br>2<br>4<br>23800  |                     |
|        | 654       | 1                | <u>Deformity</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                | 6<br>1<br>12<br>23789 |                     |
|        | 655       | 1                | <u>Limitation</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank               | 1<br>4<br>1<br>23802  |                     |
|        | 656       | 1                | <u>Pain on Motion</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank           | 0<br>2<br>2<br>23804  |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                       | Control Counts          | HANES I Data Source |
|--------|-----------|------------------|--------------------------------------------------------------------------------|-------------------------|---------------------|
|        | 657       | 1                | <u>Other</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank                     | 6<br>1<br>5<br>23796    |                     |
|        | 658       | 1                | <u>BACK</u><br>1 - No findings<br>2 - Findings<br>Blank<br><br><u>Findings</u> | 5716<br>1176<br>16916   |                     |
|        | 659       | 1                | <u>Scoliosis</u><br>1 - Yes<br>Blank                                           | 202<br>23606            |                     |
|        | 660       | 1                | <u>Kyphosis</u><br>1 - Yes<br>Blank                                            | 230<br>23578            |                     |
|        | 661       | 1                | <u>Lordosis</u><br>1 - Yes<br>Blank<br><br><u>Tenderness</u>                   | 129<br>23679            |                     |
|        | 662       | 1                | <u>Sciatic Notch</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank             | 25<br>14<br>36<br>23733 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                            | Control Counts          | HANES I Data Source |
|--------|-----------|------------------|---------------------------------------------------------------------|-------------------------|---------------------|
| 663    |           | 1                | <u>Sacroiliac</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank     | 34<br>22<br>78<br>23674 |                     |
| 664    |           | 1                | <u>Other</u><br>1 - Yes<br>Blank<br><br><u>Limitation on Motion</u> | 106<br>23702            |                     |
| 665    |           | 1                | <u>Cervical Spine</u><br>1 - Yes<br>Blank                           | 307<br>23501            |                     |
| 666    |           | 1                | <u>Thoracic Spine</u><br>1 - Yes<br>Blank                           | 65<br>23743             |                     |
| 667    |           | 1                | <u>Lumbar Spine Flexion</u><br>1 - Yes<br>Blank                     | 168<br>23640            |                     |
| 668    |           | 1                | <u>Lumbar Spine--Right Lateral Flexion</u><br>1 - Yes<br>Blank      | 195<br>23613            |                     |
| 669    |           | 1                | <u>Lumbar Spine--Left Lateral Flexion</u><br>1 - Yes<br>Blank       | 192<br>23616            |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                             | Control Counts       | HANES I Data Source |
|--------|-----------|------------------|--------------------------------------------------------------------------------------|----------------------|---------------------|
| 670    |           | 1                | <u>Full Extension</u><br>1 - Yes<br>Blank                                            | 162<br>23646         |                     |
| 671    |           | 1                | <u>Pain on Motion</u><br>1 - Negative<br>2 - Positive<br>Blank<br><br><u>Flexion</u> | 4521<br>310<br>18977 |                     |
| 672    |           | 1                | <u>Cervical</u><br>1 - Yes<br>Blank                                                  | 57<br>23751          |                     |
| 673    |           | 1                | <u>Thoracic</u><br>1 - Yes<br>Blank                                                  | 13<br>23795          |                     |
| 674    |           | 1                | <u>Low Back</u><br>1 - Yes<br>Blank                                                  | 132<br>23676         |                     |
| 675    |           | 1                | <u>Diffuse</u><br>1 - Yes<br>Blank                                                   | 9<br>23799           |                     |
| 676    |           | 1                | <u>Uncertain</u><br>1 - Yes<br>Blank<br><br><u>Extension</u>                         | 1<br>23807           |                     |
| 677    |           | 1                | <u>Cervical</u><br>1 - Yes<br>Blank                                                  | 82<br>23726          |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES             | Control Counts | HANES I Data Source |
|--------|-----------|------------------|--------------------------------------|----------------|---------------------|
|        | 678       | 1                | <u>Thoracic</u><br>1 - Yes<br>Blank  | 9<br>23799     |                     |
|        | 679       | 1                | <u>Low Back</u><br>1 - Yes<br>Blank  | 125<br>23683   |                     |
|        | 680       | 1                | <u>Diffuse</u><br>1 - Yes<br>Blank   | 8<br>23800     |                     |
|        | 681       | 1                | <u>Uncertain</u><br>1 - Yes<br>Blank | 0<br>23808     |                     |
|        |           |                  | <u>Right Lateral Bending</u>         |                |                     |
|        | 682       | 1                | <u>Cervical</u><br>1 - Yes<br>Blank  | 102<br>23706   |                     |
|        | 683       | 1                | <u>Thoracic</u><br>1 - Yes<br>Blank  | 12<br>23796    |                     |
|        | 684       | 1                | <u>Low Back</u><br>1 - Yes<br>Blank  | 129<br>23679   |                     |
|        | 685       | 1                | <u>Diffuse</u><br>1 - Yes<br>Blank   | 15<br>23793    |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                | Control Counts | HANES I Data Source |
|--------|-----------|------------------|-------------------------------------------------------------------------|----------------|---------------------|
|        | 686       | 1                | <u>Uncertain</u><br>1 - Yes<br>Blank<br><br><u>Left Lateral Bending</u> | 1<br>23807     |                     |
|        | 687       | 1                | <u>Cervical</u><br>1 - Yes<br>Blank                                     | 110<br>23698   |                     |
|        | 688       | 1                | <u>Thoracic</u><br>1 - Yes<br>Blank                                     | 11<br>23797    |                     |
|        | 689       | 1                | <u>Low Back</u><br>1 - Yes<br>Blank                                     | 145<br>23663   |                     |
|        | 690       | 1                | <u>Diffuse</u><br>1 - Yes<br>Blank                                      | 15<br>23793    |                     |
|        | 691       | 1                | <u>Uncertain</u><br>1 - Yes<br>Blank<br><br><u>Right Rotation</u>       | 0<br>23808     |                     |
|        | 692       | 1                | <u>Cervical</u><br>1 - Yes<br>Blank                                     | 76<br>23732    |                     |
|        | 693       | 1                | <u>Thoracic</u><br>1 - Yes<br>Blank                                     | 12<br>23796    |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                         | Control Counts | HANES I Data Source |
|--------|-----------|------------------|------------------------------------------------------------------|----------------|---------------------|
| 694    | 1         | 1                | <u>Low Back</u><br>1 - Yes<br>Blank                              | 73<br>23735    |                     |
| 695    | 1         | 1                | <u>Diffuse</u><br>1 - Yes<br>Blank                               | 14<br>23794    |                     |
| 696    | 1         | 1                | <u>Uncertain</u><br>1 - Yes<br>Blank<br><br><u>Left Rotation</u> | 0<br>23808     |                     |
| 697    | 1         | 1                | <u>Cervical</u><br>1 - Yes<br>Blank                              | 80<br>23728    |                     |
| 698    | 1         | 1                | <u>Thoracic</u><br>1 - Yes<br>Blank                              | 12<br>23796    |                     |
| 699    | 1         | 1                | <u>Low Back</u><br>1 - Yes<br>Blank                              | 76<br>23732    |                     |
| 700    | 1         | 1                | <u>Diffuse</u><br>1 - Yes<br>Blank                               | 15<br>23793    |                     |
| 701    | 1         | 1                | <u>Uncertain</u><br>1 - Yes<br>Blank                             | 0<br>23808     |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc.   | No. of Positions | ITEM DESCRIPTION & CODES                                                                           | Control Counts             | HANES I Data Source |
|--------|-------------|------------------|----------------------------------------------------------------------------------------------------|----------------------------|---------------------|
|        |             |                  | <u>STRAIGHT-LEG RAISING TEST</u>                                                                   |                            |                     |
|        | 702         | 1                | <u>Right Leg</u><br>1 - Negative<br>2 - Positive<br>8 - Blank, but applicable<br>Blank             | 6708<br>149<br>35<br>16916 |                     |
|        | 703         | 1                | <u>Increase on Ankle (right leg)</u><br>1 - Yes<br>2 - No<br>8 - Blank, but applicable<br>Blank    | 79<br>6698<br>115<br>16916 |                     |
|        | 704         | 1                | <u>Left Leg</u><br>1 - Negative<br>2 - Positive<br>8 - Blank, but applicable<br>Blank              | 6719<br>138<br>35<br>16916 |                     |
|        | 705         | 1                | <u>Increase Dorsiflexion (left leg)</u><br>1 - Yes<br>2 - No<br>8 - Blank, but applicable<br>Blank | 83<br>6696<br>113<br>16916 |                     |
|        | 706         | 1                | <u>Other Systems</u><br>1 - No findings<br>2 - Findings<br>8 - Blank, but applicable<br>Blank      | 6615<br>270<br>7<br>16916  |                     |
|        |             |                  | <u>BLOOD PRESSURE</u>                                                                              |                            |                     |
|        | 707-<br>710 | 4                | 0100-1259 - Time as given<br>8888 - Blank, but applicable<br>Blank                                 | 6877<br>15<br>16916        | See Detailed Notes  |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc.   | No. of Positions | ITEM DESCRIPTION & CODES                                                                           | Control Counts                     | HANES I Data Source |
|--------|-------------|------------------|----------------------------------------------------------------------------------------------------|------------------------------------|---------------------|
|        | 711         | 1                | AM or PM<br>1 - A.M.<br>2 - P.M.<br>8 - Blank, but applicable<br>Blank                             | 2491<br>4386<br>15<br>16916        |                     |
|        | 712-<br>714 | 3                | <u>Recumbent--Systolic</u><br>065-300 - Range as given<br>888 - Blank, but applicable<br>Blank     | 6858<br>34<br>16916                | See Detailed Notes  |
|        | 715-<br>717 | 3                | <u>Recumbent--Diastolic</u><br>035-186 - Range as given<br>888 - Blank, but applicable<br>Blank    | 6854<br>38<br>16916                | See Detailed Notes  |
|        | 718-<br>720 | 3                | <u>Sitting--Systolic</u><br>065-300 - Range as given<br>888 - Blank, but applicable<br>Blank       | 6853<br>39<br>16916                | See Detailed Notes  |
|        | 721-<br>723 | 3                | <u>Sitting--Diastolic</u><br>022-180 - Range as given<br>888 - Blank, but applicable<br>Blank      | 6849<br>43<br>16916                | See Detailed Notes  |
|        | 724         | 1                | <u>Summary of Diagnostic Impression</u><br>1 - Normal<br>2 - Abnormal<br>Blank                     | 2337<br>4555<br>16916              |                     |
|        |             |                  | <u>ICD CODES</u>                                                                                   |                                    | See Detailed Notes  |
|        | 725         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 1044<br>946<br>133<br>120<br>21565 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc.   | No. of Positions | ITEM DESCRIPTION & CODES                                                                           | Control Counts                  | HANES I Data Source |
|--------|-------------|------------------|----------------------------------------------------------------------------------------------------|---------------------------------|---------------------|
|        | 726         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>dash - Blank, but applicable<br>Blank             | 2114<br>129<br>21565            |                     |
|        | 727-<br>729 | 3                | <u>ICD Code</u><br>000-999<br>Blank                                                                | 2243<br>21565                   |                     |
|        | 730         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 292<br>313<br>54<br>78<br>23071 |                     |
|        | 731         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 673<br>64<br>23071              |                     |
|        | 732-<br>734 | 3                | <u>ICD Code</u><br>X00-999 - Code as given<br>Blank                                                | 737<br>23071                    |                     |
|        | 735         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 117<br>110<br>16<br>41<br>23524 |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc.   | No. of Positions | ITEM DESCRIPTION & CODES                                                                           | Control Counts                    | HANES I Data Source |
|--------|-------------|------------------|----------------------------------------------------------------------------------------------------|-----------------------------------|---------------------|
|        | 736         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 256<br>28<br>23524                |                     |
|        | 737-<br>739 | 3                | <u>ICD Code</u><br>000-999 - Code as given<br>Blank                                                | 284<br>23524                      |                     |
|        | 740         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 1000<br>700<br>99<br>133<br>21876 |                     |
|        | 741         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 1809<br>123<br>21876              |                     |
|        | 742-<br>744 | 3                | <u>ICD Code</u><br>X00-999 - Code as given<br>Blank                                                | 1932<br>21876                     |                     |
|        | 745         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 251<br>209<br>31<br>62<br>23255   |                     |
|        | 746         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 517<br>36<br>23255                |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                                           | Control Counts                  | HANES I Data Source |
|--------|-----------|------------------|----------------------------------------------------------------------------------------------------|---------------------------------|---------------------|
|        | 747-749   | 3                | <u>ICD Code</u><br>X00-999 - Code as given<br>Blank                                                | 553<br>23255                    |                     |
|        | 750       | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 58<br>45<br>7<br>24<br>23674    |                     |
|        | 751       | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 121<br>13<br>23674              |                     |
|        | 752-754   | 3                | <u>ICD Code</u><br>X00-999 - Code as given<br>Blank                                                | 134<br>23674                    |                     |
|        | 755       | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 282<br>231<br>36<br>39<br>23220 |                     |
|        | 756       | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 552<br>36<br>23220              |                     |
|        | 757-759   | 3                | <u>ICD Code</u><br>X00-999 - Code as given<br>Blank                                                | 588<br>23220                    |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc.   | No. of Positions | ITEM DESCRIPTION & CODES                                                                           | Control Counts                   | HANES I Data Source |
|--------|-------------|------------------|----------------------------------------------------------------------------------------------------|----------------------------------|---------------------|
|        | 760         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | <br>39<br>44<br>9<br>17<br>23699 |                     |
|        | 761         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | <br>99<br>10<br>23699            |                     |
|        | 762-<br>764 | 3                | <u>ICD Code</u><br>X00-999 - Code as given<br>Blank                                                | <br>109<br>23699                 |                     |
|        | 765         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | <br>8<br>10<br>2<br>3<br>23785   |                     |
|        | 766         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | <br>21<br>2<br>23785             |                     |
|        | 767-<br>769 | 3                | <u>ICD Code</u><br>000-999 - Code as given<br>Blank                                                | <br>23<br>23785                  |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc.   | No. of Positions | ITEM DESCRIPTION & CODES                                                                           | Control Counts                    | HANES I Data Source |
|--------|-------------|------------------|----------------------------------------------------------------------------------------------------|-----------------------------------|---------------------|
|        | 770         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 830<br>855<br>183<br>169<br>21771 |                     |
|        | 771         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 1890<br>147<br>21771              |                     |
|        | 772-<br>774 | 3                | <u>ICD Code</u><br>X00-999 - Code as given<br>Blank                                                | 2037<br>21771                     |                     |
|        | 775         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 283<br>327<br>80<br>96<br>23022   |                     |
|        | 776         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 725<br>61<br>23022                |                     |
|        | 777-<br>779 | 3                | <u>ICD Code</u><br>X00-999 - Code as given<br>Blank                                                | 786<br>23022                      |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc.   | No. of Positions | ITEM DESCRIPTION & CODES                                                                           | Control Counts                  | HANES I Data Source |
|--------|-------------|------------------|----------------------------------------------------------------------------------------------------|---------------------------------|---------------------|
|        | 780         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - severe<br>8 - Blank, but applicable<br>Blank | 101<br>123<br>22<br>45<br>23517 |                     |
|        | 781         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 267<br>24<br>23517              |                     |
|        | 782-<br>784 | 3                | <u>ICD Code</u><br>X00-999 - Code as given<br>Blank                                                | 291<br>23517                    |                     |
|        | 785         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 122<br>86<br>17<br>14<br>23569  |                     |
|        | 786         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 232<br>7<br>23569               |                     |
|        | 787-<br>789 | 3                | <u>ICD Code</u><br>X00-999 - Code as given<br>Blank                                                | 239<br>23569                    |                     |
|        | 790         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 20<br>29<br>6<br>9<br>23744     |                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc.   | No. of Positions | ITEM DESCRIPTION & CODES                                                                           | Control Counts                  | HANES I Data Source    |
|--------|-------------|------------------|----------------------------------------------------------------------------------------------------|---------------------------------|------------------------|
|        | 791         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 61<br>3<br>23744                |                        |
|        | 792-<br>794 | 3                | <u>ICD Code</u><br>X00-999 - Code as given<br>Blank                                                | 64<br>23744                     |                        |
|        | 795         | 1                | <u>Severity</u><br>1 - Minimum<br>2 - Moderate<br>3 - Severe<br>8 - Blank, but applicable<br>Blank | 8<br>19<br>1<br>1<br>23779      |                        |
|        | 796         | 1                | <u>Certainty</u><br>0-9 - Degree of certainty<br>Dash - Blank, but applicable<br>Blank             | 28<br>1<br>23799                |                        |
|        | 797-<br>799 | 3                | <u>ICD Code</u><br>000-999 - Code as given<br>888 - Blank, but applicable<br>Blank                 | 29<br>0<br>23779                |                        |
|        | 800-<br>824 | 25               | <u>DATA USER WORK AREA</u><br><u>OCULAR FUNDI</u>                                                  |                                 | Physician's Supplement |
|        | 825         | 1                | <u>Normal</u><br>1 - Right<br>2 - Left<br>3 - Both<br>8 - Blank, but applicable<br>Blank           | 35<br>28<br>2562<br>99<br>21084 | **                     |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                    | Control Counts          | HANES I Data Source |
|--------|-----------|------------------|-----------------------------------------------------------------------------|-------------------------|---------------------|
|        | 826       | 1                | <u>Fundus Not Visualized</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank  | 12<br>16<br>50<br>23730 | ***                 |
|        | 827       | 1                | <u>Globe Absent</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank           | 2<br>4<br>2<br>23800    | ***                 |
|        | 828       | 1                | <u>Increased Light Reflex</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank | 3<br>3<br>48<br>23754   | ***                 |
|        | 829       | 1                | <u>Narrow Arterioles</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank      | 5<br>3<br>139<br>23661  | ***                 |
|        | 830       | 1                | <u>Tortuous Arterioles</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank    | 2<br>1<br>95<br>23710   | ***                 |
|        | 831       | 1                | <u>AV Compression</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank         | 1<br>2<br>76<br>23729   | ***                 |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc. | No. of Positions | ITEM DESCRIPTION & CODES                                                | Control Counts          | HANES I Data Source |
|--------|-----------|------------------|-------------------------------------------------------------------------|-------------------------|---------------------|
|        | 832       | 1                | <u>Hemorrhage</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank         | 2<br>1<br>1<br>23804    | **                  |
|        | 833       | 1                | <u>Exudate</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank            | 7<br>1<br>10<br>23790   | **                  |
|        | 834       | 1                | <u>Venous Engorgement</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank | 1<br>0<br>26<br>23781   | **                  |
|        | 835       | 1                | <u>Papilledma</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank         | 0<br>0<br>0<br>23808    | **                  |
|        | 836       | 1                | <u>Disc Abnormal</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank      | 1<br>1<br>0<br>23806    | **                  |
|        | 837       | 1                | <u>Lens Opacities</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank     | 20<br>22<br>30<br>23736 | **                  |

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

| Item # | Tape Loc.   | No. of Positions | ITEM DESCRIPTION & CODES                                    | Control Counts          | HANES I Data Source |
|--------|-------------|------------------|-------------------------------------------------------------|-------------------------|---------------------|
|        | 838         | 1                | <u>Iritis</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank | 0<br>0<br>0<br>23808    | **                  |
|        | 839         | 1                | <u>Other</u><br>1 - Right<br>2 - Left<br>3 - Both<br>Blank  | 15<br>14<br>32<br>23747 | **                  |
|        | 840-<br>850 | 11               | <u>DATA USER WORK AREA</u>                                  |                         |                     |

## DETAILED NOTES

### TAPE POSITION 10

#### Size of Place

Size of place classification was derived from the 1960 census. According to the definition used in the 1960 census, the urban population was comprised of all persons living in (a) places of 2,500 inhabitants or more incorporated as cities, boroughs, villages and towns (except towns in New York, New England, and Wisconsin); (b) the densely settled urban fringe, whether incorporated or unincorporated, of urbanized areas; (c) towns in New England and townships in New Jersey and Pennsylvania which contained no incorporated municipalities as subdivisions and had either 2,500 inhabitants or more, or a population of 2,500 to 25,000 and a density of 1,500 persons or more per square mile; (d) counties in states other than the New England states, New Jersey, and Pennsylvania, that had no incorporated municipalities within their boundaries and had a density of 1,500 persons per square mile; and (e) unincorporated places of 2,500 inhabitants or more not included in any urban fringe. 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.

## DETAILED NOTES

### TAPE POSITION 11.

#### SMSA

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 1960 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.

DETAILED NOTES

TAPE POSITIONS 22 AND 103

Race

The race of the respondent was marked by observation and it was assumed the race of all related persons was the same as the respondent unless otherwise learned. The race categories were "White", "Negro" or "other." If the appropriate category could not be marked by observation, then race was asked. Persons of races other than White or Negro, such as Japanese, Chinese, American Indian, Korean, Hindu, Eskimo, etc. were reported as "Other." Mexicans were included with "White" unless definitely known to be American Indian or of other nonwhite race.

DETAILED NOTES  
TAPE POSITIONS 34-35

Total Family Income Group

The income group represents the total combined family income for the past twelve (12) months. It includes income from all sources such as wages, salaries, social security or retirement benefits, help from relatives, rent from property and so forth. The income groups were not reconciled to the component parts (tape positions 36-94). The income component parts were not asked when the gross income was greater than \$6,999 per annum. However, amounts greater than \$6,999 appear in tape positions 37-40, 67-70, and 72-75. Some respondents reported a loss of income from their nonfarm business, professional practice, partnership or farm and this explains why some data fields are greater than \$6,999, but the individual total in tape positions 91-94 does not exceed this figure.

DETAILED NOTES

TAPE POSITIONS 95-99

Family Unit Code

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

DETAILED NOTES  
TAPE POSITIONS 110-111

| UNITED STATES     |                       |      | OUTLYING AREAS OF THE U.S.   |      |  |
|-------------------|-----------------------|------|------------------------------|------|--|
|                   | Standard Abbreviation | Code | Name of Place                | Code |  |
| ALABAMA           | Ala.                  | 01   | American Samoa               | 60   |  |
| ALASKA            | Alaska                | 02   | Canal Zone                   | 61   |  |
| ARIZONA           | Ariz.                 | 04   | Canton and Enderbury Islands | 62   |  |
| ARKANSAS          | Ark.                  | 05   | Caroline Islands             | 63   |  |
| CALIFORNIA        | Calif.                | 06   | Cook Islands                 | 64   |  |
| COLORADO          | Colo.                 | 08   | Gilbert and Ellice Islands   | 65   |  |
| CONNECTICUT       | Conn.                 | 09   | Guam                         | 66   |  |
| DELAWARE          | Del.                  | 10   | Johnston Atoll               | 67   |  |
| DIST. OF COLUMBIA | D.C.                  | 11   | Line Islands - Southern      | 68   |  |
| FLORIDA           | Fla.                  | 12   | Mariana Islands              | 69   |  |
| GEORGIA           | Ga.                   | 13   | Marshall Islands             | 70   |  |
| HAWAII            | Hawaii                | 15   | Midway Islands               | 71   |  |
| IDAHO             | Idaho                 | 16   | Puerto Rico                  | 72   |  |
| ILLINOIS          | Ill.                  | 17   | Rvukyn Islands - Southern    | 73   |  |
| INDIANA           | Ind.                  | 18   | Swan Islands                 | 74   |  |
| IOWA              | Iowa                  | 19   | Tokelau Islands              | 75   |  |
| KANSAS            | Kans.                 | 20   | U.S. Misc. Caribbean         | 76   |  |
| KENTUCKY          | Ky.                   | 21   | U.S. Misc. Pacific Islands   | 77   |  |
| LOUISIANA         | La.                   | 22   | Virgin Islands               | 78   |  |
| MAINE             | Maine                 | 23   | Wake Islands                 | 79   |  |
| MARYLAND          | Md.                   | 24   | Cuba                         | 80   |  |
| MASSACHUSETTS     | Mass.                 | 25   | West Indies                  | 81   |  |
| MICHIGAN          | Mich.                 | 26   | North America                | 91   |  |
| MINNESOTA         | Minn.                 | 27   | South America                | 92   |  |
| MISSISSIPPI       | Miss.                 | 28   | Europe                       | 93   |  |
| MISSOURI          | Mo.                   | 29   | Africa                       | 94   |  |
| MONTANA           | Mont.                 | 30   | Asia                         | 95   |  |
| NEBRASKA          | Nebr.                 | 31   | Australasia                  | 96   |  |
| NEVADA            | Nev.                  | 32   | Pacific Islands              | 97   |  |
| NEW HAMPSHIRE     | N.H.                  | 33   |                              |      |  |
| NEW JERSEY        | J.J.                  | 34   |                              |      |  |
| NEW MEXICO        | N. Mex.               | 35   |                              |      |  |
| NEW YORK          | N.Y.                  | 36   |                              |      |  |
| NORTH CAROLINA    | N.C.                  | 37   |                              |      |  |
| NORTH DAKOTA      | N. Dak.               | 38   |                              |      |  |
| OHIO              | Ohio                  | 39   |                              |      |  |
| OKLAHOMA          | Okla.                 | 40   |                              |      |  |
| OREGON            | Oreg.                 | 41   |                              |      |  |
| PENNSYLVANIA      | Pa.                   | 42   |                              |      |  |
| RHODE ISLAND      | R.I.                  | 44   |                              |      |  |
| SOUTH CAROLINA    | S.C.                  | 45   |                              |      |  |
| SOUTH DAKOTA      | S. Dak.               | 46   |                              |      |  |
| TENNESSEE         | Tenn.                 | 47   |                              |      |  |
| TEXAS             | Tex.                  | 48   |                              |      |  |
| UTAH              | Utah                  | 49   |                              |      |  |
| VERMONT           | Vt.                   | 50   |                              |      |  |
| VIRGINIA          | Va.                   | 51   |                              |      |  |
| WASHINGTON        | Wash.                 | 53   |                              |      |  |
| WEST VIRGINIA     | W. Va.                | 54   |                              |      |  |
| WISCONSIN         | Wis.                  | 55   |                              |      |  |
| WYOMING           | Wyo.                  | 56   |                              |      |  |

## DETAILED NOTES

### TAPE POSITIONS 132-134 AND 135-137

#### Industry and Occupation Codes

A person's occupation may be defined as his principal job or business. For this survey purpose, 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 his occupation (or work) applies to his job during that period. If the respondent held more than one job, the question is directed to the one at which he spent the most time. It refers to the one he considers 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 his 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 to which he has not yet reported and has never had a previous 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.

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## DETAILED NOTES

### TAPE POSITION 146

Land used for farming purposes (Code 1 in Tape Position 146) was identified as being rural land (Code 2 in Tape Position 13) consisting of 10 or more acres (Code 1 in Tape Position 14) with crop sales amounting to \$50 or more (Code 2 in Tape Position 15), or rural land (Code 2 in Tape Position 13) consisting of less than 10 acres (Code 2 in Tape Position 14) with crop sales amounting to \$250 or more (Code 3 in Tape Position 16). All Other land is classified as nonfarm (Code 2 in Tape Position 146).

## DETAILED NOTES

### TAPE POSITIONS 147-149

Poverty Index--Income status was determined by the Poverty Income Ratio (PIR). Poverty statistics published in the Census Bureau reports<sup>1/</sup> were based on the poverty index developed by the Social Security Administration in 1964. (For a detailed discussion of the SSA poverty standards, see reference 2.) Modifications in the definition of poverty were adopted in 1969.<sup>3/</sup> The standard data series in poverty for statistical use by all executive departments and establishments has been established.<sup>4/</sup>

The two components of the PIR are the total income of the household (numerator) and a multiple of the total income necessary to maintain a family with given characteristics on a nutritionally adequate food plan<sup>3/</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 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 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 table, 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," 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 local variation in the cost of living (except for the farm, nonfarm difference). None of the noncash public welfare benefits such as food stamp bonuses or free food commodities are included in the income of the low income families receiving these benefits.

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<sup>1/</sup>Current Population Reports, "Consumer Income," Series P-60, No. 77, May 7, 1971

<sup>2/</sup>Orshansky, M.: "Counting the Poor: Another Look at the Poverty Profile," Social Security Bulletin, January 1965; "Who's Who Among the Poor: A Demographic View of Poverty," Social Security Bulletin, July 1965.

<sup>3/</sup>Current Population Reports, "Special Studies," Series P-23, No. 28, August 12, 1969.

<sup>4/</sup>Circular No. A-46, Transmitted Memorandum No. 9, Executive Office of the President, Bureau of the Budget, August 29, 1969, and Exhibit L (rev.).

DETAILED NOTES

TAPE POSITIONS 147-149

Weighted average thresholds at the low income level in 1971 by size of family and sex of head, by farm-nonfarm residence

| Size of family                 | Total   | Nonfarm |                        |                          | Farm    |                        |                          |
|--------------------------------|---------|---------|------------------------|--------------------------|---------|------------------------|--------------------------|
|                                |         | Total   | Male <sup>1</sup> head | Female <sup>1</sup> head | Total   | Male <sup>1</sup> head | Female <sup>1</sup> head |
| All unrelated individuals----- | \$2,033 | \$2,040 | \$2,136                | \$1,978                  | \$1,727 | \$1,783                | \$1,669                  |
| Under 65 years-----            | 2,093   | 2,098   | 2,181                  | 2,017                    | 1,805   | 1,853                  | 1,715                    |
| 65 years and over-----         | 1,931   | 1,940   | 1,959                  | 1,934                    | 1,652   | 1,666                  | 1,643                    |
| All families-----              | 3,700   | 3,724   | 3,764                  | 3,428                    | 3,235   | 3,242                  | 3,079                    |
| 2 persons-----                 | 2,512   | 2,633   | 2,641                  | 2,581                    | 2,219   | 2,224                  | 2,130                    |
| Head under 65 years-----       | 2,699   | 2,716   | 2,731                  | 2,635                    | 2,317   | 2,322                  | 2,195                    |
| Head 65 years and over-----    | 2,424   | 2,448   | 2,450                  | 2,437                    | 2,082   | 2,081                  | 2,089                    |
| 3 persons-----                 | 3,207   | 3,229   | 3,246                  | 3,127                    | 2,745   | 2,749                  | 2,627                    |
| 4 persons-----                 | 4,113   | 4,137   | 4,139                  | 4,116                    | 3,527   | 3,528                  | 3,513                    |
| 5 persons-----                 | 4,845   | 4,880   | 4,884                  | 4,837                    | 4,159   | 4,159                  | 4,148                    |
| 6 persons-----                 | 5,441   | 5,489   | 5,492                  | 5,460                    | 4,688   | 4,689                  | 4,656                    |
| 7 persons or more-----         | 6,678   | 6,751   | 6,771                  | 6,583                    | 5,736   | 5,749                  | 5,516                    |

<sup>1</sup>For unrelated individuals, sex of the individual.

SOURCE: U.S. Department of Commerce, Social and Economic Statistics Administration, U.S. Bureau of the Census "Characteristics of the Low Income Population: 1971," Current Population Reports, Series P-60, No. 86, p. 18.

DETAILED NOTES

TAPE POSITION 150

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 the 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, and Wyoming.                |

## DETAILED NOTES

### TAPE POSITIONS 158-193

HANES is a multistage, stratified, probability sample of loose clusters of persons in land-based segments. In addition, HANES is composed of two distinct examination components--a nutrition screening examination (taken by all examinees) and a more detailed examination taken by a pre-selected subsample of all examinees, ages 25-74. For the nutrition screening examination, locations 1-35 and 1-65 constituted national probability samples and for the detailed examination, locations 1-35, 1-65, 66-100 and 1-100 all constitute national probability samples. In other words, HANES is composed of six distinct subsamples of the U.S. population. For a more detailed discussion of the sample design see Series 1, Nos. 10a and 10c.

Since each of these six subsamples is a distinct subsample of the U.S. population, each subsample requires a different set of weights. The weights are based upon the probability of selection into the sample, adjustments for nonresponse and further adjustments to approximate the U.S. noninstitutionalized population as of the midpoint of each subsample.

In order to select all of those examinees in a particular subsample, i.e. received a particular exam component, it is necessary to exclude all examinees with a weight of zero or blank. It is also necessary to exclude all zero or blank weights because that is the only way to differentiate missing data due to nonresponse from data that is missing because the sample design dictated that a particular examinee was not supposed to receive a particular examination component.

It is suggested that any analyses that are desired by the researcher be performed using the greatest number of examinees possible; that is, if the researcher is interested in an exam component of the nutrition screening examination he should use the weight and consequently the data from the 65 location subsample rather than the 35 location subsample. For the detailed examination, the researcher should use the 100 location subsample rather than one of the others. However, some exam components were only done in a particular subsample; for example, only at the first 35 locations. In that case, the researcher has no choice in selecting a particular subsample.

There may be occasions when a researcher may want to make comparisons of estimates obtained from various subsamples. For example, the prevalence of some disease condition as estimated from the first 35 locations could be compared with an estimate based upon locations 66-100. The researcher may also want to formulate hypotheses using one subsample and test those hypotheses using another subsample.

## DETAILED NOTES

### BLOOD PRESSURE

TAPE POSITIONS 228-233, 707-723

At the beginning of the physical examination the physician took the sample person's blood pressure while the sample person was in a sitting position. For those in the detailed sample the nurse took the sample person's blood pressure twice more at the end of the exam, once while the sample person was recumbent and again while sitting. The following guidelines, based on the American Heart Association's "Recommendations for Human Blood Pressure Determinations by Sphygmomanometers" (Committee to Revise Standardization of High Blood Pressure Readings, New York, American Heart Association, October, 1951) were generally observed:

1. The cuff was at least 20 percent wider than the diameter of the arm or covered approximately two-thirds of the arm. (An adult 13 cm. cuff and a pediatric 9.5 cm. cuff were provided.)
2. The manometer was at eye level with the physician.
3. The meniscus of the mercury instruments was checked weekly for zero-level calibration.
4. While measuring, the rate of falling pressure was maintained 2-3 mm. Hg per heartbeat, which was slow enough to detect the first and last sounds but sufficiently rapid to avoid the intermittent trapping of blood between systolic and diastolic levels.
5. For diastolic pressure, the level was recorded at the point of complete cessation of Korotkoff's sounds or, if there was no cessation, the point of muffling.
6. Measurements were recorded to the nearest 2 mm. on the scale.

For detailed evaluation and extensive analysis of the first blood pressure, see NCHS Series 11, Numbers 150 and 203.

## DETAILED NOTES

### TAPE POSITION 260

#### Thyroid Evaluation:

The World Health Organization (WHO) criteria used for grading goiter are:

- Grade 0: Persons without goiter. By definition, these are persons whose thyroid glands are less than 4 to 5 times enlarged.
- Grade 1: Persons with palpable goiters. The thyroid is considered to be more than 4 to 5 times enlarged although not visible with head in normal position. Most of these will be readily visible with the head thrown back and the neck fully extended.
- Grade 2: Persons with visible goiters. Persons with goiters which are easily visible with the head in normal position, but which are smaller than those in Grade 3. Palpation may be helpful in determining the mass of the gland, but is not needed for diagnosis.
- Grade 3: Persons with very large goiters. The goiters of persons in this category can be recognized at a considerable distance. They are grossly disfigured and may be of such size as to cause mechanical difficulties with respiration and the wearing of clothes.

(Perez, C., Scrimshaw, N.S., and Munoz, J.A., Technique of endemic goitre surveys. In endemic Goitre; p. 369, see esp. p. 376, World Health Organization Monograph Series No. 44, Geneva, 1960.)

## DETAILED NOTES

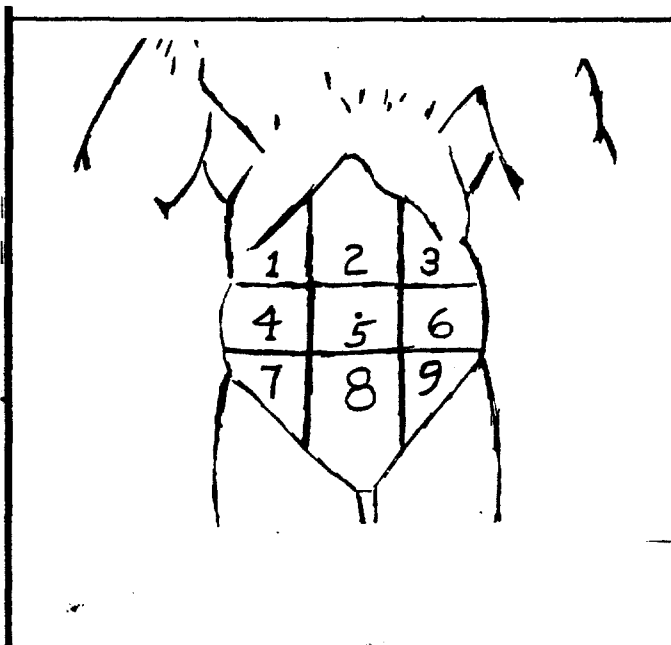
### TAPE POSITIONS 285-289 AND 292-296

#### Area(s) of Mass(es) -- Positions 285-289

If mass(es) were present, the number(s) of the location(s), using the number(s) on the body diagram, were recorded. The number used was the one which located the center of the mass.

#### Area(s) of Surgical Scar(s) -- Positions 292-296

If scar(s) were present the number(s) of the location(s), using the number(s) on the body diagram, were recorded. The number used was the one which located the center of the scar(s).



## DETAILED NOTES

### ICDA CODES

#### TAPE POSITIONS 333-359, 725-799

Physicians were instructed to record their findings of abnormal conditions on the examination form and to code these using the first 3 digits of the Eighth Revision of the International Classification of Diseases Adapted for Use in the United States. For those in the detailed sample there were conditions coded at the end of both the general (General Medical Examination, Ages 1-74) and detailed examination forms (General Medical Examination, Ages 25-74); these codes are not necessarily the same. In recording findings on the general form the physician generally recorded all abnormal conditions regardless of the severity of the condition or certainty of the diagnosis; but, some physicians were more selective than others, coding as ICDA codes (Positions 333-359) only those conditions they felt to be significant or were certain about. At the end of the detailed exam form (Positions 725-799) the physicians were instructed to indicate the severity of the condition and certainty of their diagnosis. Since the detailed examination emphasized the cardiovascular, respiratory and musculoskeletal systems, codes relating to these systems are more frequently found and are more exact on the detailed form than on the general form, and codes relating to other systems may be found more frequently on the general form. Conditions coded on the general form by the physicians have been supplemented by Division staff who have coded physicians' write-in entries.

In editing the data certain editorial decisions have been made. Surgical codes are prefaced with an "X" (e.g., X22, operations on thyroid and parathyroid). On the General Medical Examination (Ages 1-74) form, the following conditions were not coded: ear wax, sparse hair, neck vein distention, deviated septum, pale conjunctiva, nose bleed, and pregnancy; the following codes for surgical scars have been removed: X00, X21, X38, X41, X43, X51, X52, X55-X60, X67-X72, X77-X78, X82-X85; and only current fractures were coded as fractures while old fractures were coded for limitation or deformity.