

(LCA1MGH.CODING.MANUAL.HONOLULU.EXAM1.JAN00)

HONOLULU HEART PROGRAM

DSN= EXAM1

SAS NAME: EXAM1

SAS VARIABLE NAMES: IDPUBLIC HA2-HA413

NUMBER OF RECORDS 8006

PROGRAM:LCA1MGH.SAS.HONOLULU.EXAM1.PROGRAM.MAR99

VARIABLE   INFORMATION

2

IDPUBLIC IDENTIFICATION NUMBER  
DATA MODIFIED TO PROTECT CONFIDENTIALITY  
90001-99887

HA2 OAHU RESIDENTIAL CODE  
SET TO DOT (.) TO PROTECT CONFIDENTIALITY

HA3 MONTH OF BIRTH  
SET TO DOT (.) TO PROTECT CONFIDENTIALITY

HA4 DAY OF BIRTH  
SET TO DOT (.) TO PROTECT CONFIDENTIALITY

HA5 YEAR OF BIRTH  
SET TO DOT (.) TO PROTECT CONFIDENTIALITY

HA6 WEIGHT IN 1940-42 TO NEAREST KILOGRAM \*  
OBTAINED FROM SELECTIVE SERVICE SLIP  
DATA MODIFIED TO PROTECT CONFIDENTIALITY  
45-89 KILOGRAMS  
. UNKNOWN (229)  
\*values less than or equal to 45 and greater or equal to 0 are assigned the value 45  
\*values greater than or equal to 85 are assigned the value 89

HA7 WEIGHT TO NEAREST KILOGRAM AT AGE 25 (ALSO SEE S169) \*  
(SELF ADMINISTERED QUESTIONNAIRE)  
DATA MODIFIED TO PROTECT CONFIDENTIALITY  
45-89  
. UNKNOWN (361)  
\*values less than or equal to 45 and greater or equal to 0 are assigned the value 45  
\*values greater than or equal to 84 are assigned the value 89

HA8 NUMBER OF JAPANESE DIET ITEMS  
0-30  
. UNKNOWN (35)

HA9 NUMBER OF "NEUTRAL" ITEMS (DIET)  
0-12  
. UNKNOWN (36)

VARIABLE    INFORMATION

3

HA10    NUMBER OF "WESTERN" ITEMS (DIET)  
          0-36  
          . UNKNOWN (36)

HA11    INTERVIEWER  
          2-5  
          . UNKNOWN (25)

HA12    DATE OF EXAMINATION - MONTH  
          SET TO DOT (.) TO PROTECT CONFIDENTIALITY

HA13    DATE OF EXAMINATION - DAY  
          SET TO DOT (.) TO PROTECT CONFIDENTIALITY

HA14    DATE OF EXAMINATION - YEAR  
          SET TO DOT (.) TO PROTECT CONFIDENTIALITY

HA15    PRESENT ADDRESS  
          SET TO DOT (.) TO PROTECT CONFIDENTIALITY

HA16    PLACE OF BIRTH  
          SET TO DOT (.) TO PROTECT CONFIDENTIALITY

HA17    PRESENT RESIDENCE  
          SET TO DOT (.) TO PROTECT CONFIDENTIALITY

HA18    BIRTHPLACE  
          1 TOWN  
          2 COUNTRY  
          . UNKNOWN (25)

HA19    PRESENT RESIDENCE  
          1 TOWN  
          2 COUNTRY  
          . UNKNOWN (5)

HA20    LONGEST RESIDENCE  
          1 TOWN  
          2 COUNTRY  
          . UNKNOWN (8)







VARIABLE   INFORMATION

HA40	NUMBER OF YEARS SMOKED 0 1-59 . UNKNOWN (15)
HA41	REGULAR SMOKER IN THE PAST? 0 NO 1 YES 2 N.A. . UNKNOWN (1)
HA42	MAXIMUM NUMBER OF CIGARETTES PER DAY IN PAST 0 1-80 . UNKNOWN (3520)
HA43	YEARS SMOKED ABOVE MAXIMUM NUMBER OF CIGARETTES 0 1-57 . UNKNOWN (3602)
HA44	AGE STOPPED SMOKING 0 11-67 . UNKNOWN (3521)
HA45	STARTING AGE OF CIGARETTE SMOKING 0 2-61 . UNKNOWN (36)
HA46	RECENT SMOKING HABIT (FILTER AND INHALING) 0 NEVER SMOKED 1 FILTER 2 INHALE 3 BOTH 4 NEITHER . UNKNOWN (13)

VARIABLE    INFORMATION

- HA47    RECENT SMOKING HABIT (PROPORTION OF CIGARETTE SMOKED)  
0 NEVER  
1 1/4  
2 1/2  
3 3/4  
. UNKNOWN (22)
- HA48    RECENT SMOKING HABIT (NON-CIGARETTE TOBACCO SMOKER?)  
0 NO  
1 CIGAR  
2 PIPE  
3 BOTH  
. UNKNOWN (6)
- HA49    HOUSING  
1 OWN HOME  
2 RENTAL  
3 COMPANY QUARTERS  
4 RENTED ROOM  
8 OTHER  
. UNKNOWN (4)
- HA50    NUMBER OF BEDROOMS  
0  
1-8  
. UNKNOWN (1)
- HA51    NUMBER OF PERSONS IN HOUSEHOLD  
1-8  
. UNKNOWN (34)
- HA52    HAVE A PHONE IN HOUSEHOLD?  
0 NO  
1 YES  
. UNKNOWN (11)

VARIABLE   INFORMATION

- HA53    HIGHEST SCHOOL ATTENDED  
0 NONE  
1 PRIMARY  
2 INTERMEDIATE OR JUNIOR HIGH SCHOOL  
3 SENIOR HIGH SCHOOL  
4 TECHNICAL SCHOOL  
5 UNIVERSITY  
. UNKNOWNNS (3)
- HA54    WENT TO JAPANESE LANGUAGE SCHOOL?  
0 NO  
1 YES  
. UNKNOWNNS (11)
- HA55    DO YOU SPEAK JAPANESE?  
0 NO  
1 VERY LITTLE  
2 FAIR  
3 WELL  
. UNKNOWNNS (2)
- HA56    DO YOU READ OR WRITE JAPANESE?  
0 NO  
1 VERY LITTLE  
2 FAIR  
3 WELL  
. UNKNOWNNS (8)
- HA57    RELIGION  
1 CHRISTIAN  
2 SHINTO  
3 BUDDHIST  
4 OTHER  
. UNKNOWNNS (471)
- HA58    WORLD WAR II MILITARY SERVICE  
0 NO  
1 YES  
. UNKNOWNNS (34)

VARIABLE   INFORMATION

10

- HA59    REASON FOR NOT IN SERVICE  
          1 MEDICAL  
          2 AGE  
          3 OTHER  
          4 NOT APPLICABLE  
          . UNKNOWNNS (82)
- HA60    DIETARY INTERVIEWER  
          1 #1 ANONYMOUS  
          2 #2 ANONYMOUS  
          3 #3 ANONYMOUS  
          4 #4 ANONYMOUS  
          . UNKNOWNNS (6)
- HA61    FOOD LIKES BEST  
          1 JAPANESE  
          2 WESTERN  
          3 CHINESE  
          . UNKNOWNNS (3977)
- HA62    HOW HOT DO YOU LIKE YOUR FOOD?  
          1 BOILING HOT  
          2 HOT  
          3 WARM  
          4 COOLED  
          . UNKNOWNNS (241)
- HA63    DO YOU USE SHOYU OR SALT AT TABLE?  
          0 NEVER  
          1 SELDOM  
          2 AFTER TASTING  
          3 ALWAYS  
          . UNKNOWNNS (147)
- HA64    PRESENT DIET TYPE  
          1 ORIENTAL  
          2 WESTERN  
          3 MIXTURE  
          8 OTHER  
          . UNKNOWNNS (23)

VARIABLE    INFORMATION

- HA65    1940 DIET TYPE  
          1 ORIENTAL  
          2 WESTERN  
          3 MIXTURE  
          8 OTHER  
          . UNKNOWN (63)
- HA66    HOW OFTEN DO YOU EAT RICE?  
          0 ALMOST NEVER  
          1 ONCE OR LESS A DAY  
          2 TWICE A DAY  
          3 THREE TIMES OR MORE PER DAY  
          NO UNKNOWN
- HA67    HOW OFTEN DO YOU EAT BREAD?  
          0 ALMOST NEVER  
          1 LESS THAN TWICE PER WEEK  
          2 TWO TO FOUR TIMES PER WEEK  
          3 ALMOST DAILY  
          4 MORE THAN ONCE PER DAY  
          . UNKNOWN (1)
- HA68    HOW OFTEN DO YOU EAT SOBA?  
          0 ALMOST NEVER  
          1 LESS THAN TWICE PER WEEK  
          2 TWO TO FOUR TIMES PER WEEK  
          3 ALMOST DAILY  
          4 MORE THAN ONCE PER DAY  
          . UNKNOWN (3)
- HA69    HOW OFTEN DO YOU EAT UDON?  
          0 ALMOST NEVER  
          1 LESS THAN TWICE PER WEEK  
          2 TWO TO FOUR TIMES PER WEEK  
          3 ALMOST DAILY  
          4 MORE THAN ONCE PER DAY  
          . UNKNOWN (1)

- HA70 HOW OFTEN DO YOU EAT FISH?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (1)
- HA71 HOW OFTEN DO YOU EAT HAM OR BACON?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (1)
- HA72 HOW OFTEN DO YOU EAT MEAT?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (3)
- HA73 HOW OFTEN DO YOU EAT BUTTER, MARGARINE OR CHEESE?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (2)
- HA74 HOW OFTEN DO YOU EAT EGGS?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (1)

- HA75    HOW OFTEN DO YOU EAT MISO SOUP?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (2)
- HA76    HOW OFTEN DO YOU EAT FRIED VEGETABLES?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (2)
- HA77    HOW OFTEN DO YOU EAT TOFU?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (1)
- HA78    HOW OFTEN DO YOU DRINK MILK?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (2)
- HA79    HOW OFTEN DO YOU EAT NORI OR OTHER SEAWEEDS?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (4)

HA80    HOW OFTEN DO YOU EAT PICKLES?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (2)

HA81    HOW OFTEN DO YOU EAT TSUKUDANI?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (1)

HA82    GREEN TEA  
0 ALMOST NEVER  
1 LESS THAN TWICE PER DAY  
2 2-4 TIMES DAILY  
3 5 OR MORE TIMES DAILY  
. UNKNOWN (4)

HA83    BLACK TEA  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 2-4 TIMES WEEKLY  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (2)

HA84    HOW OFTEN DO YOU DRINK COFFEE?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (1)

- HA85 HOW OFTEN DO YOU EAT PASTRY?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (1)
- HA86 HOW OFTEN DO YOU EAT FRUIT?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (2)
- HA87 HOW OFTEN DO YOU EAT ICE CREAM?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (4)
- HA88 HOW OFTEN DO YOU EAT CANDY, JELLY OR DRINK SODA?  
0 ALMOST NEVER  
1 LESS THAN TWICE PER WEEK  
2 TWO TO FOUR TIMES PER WEEK  
3 ALMOST DAILY  
4 MORE THAN ONCE PER DAY  
. UNKNOWN (1)
- HA89 WINE - OUNCES PER MONTH  
0  
1-998  
. UNKNOWN (37)
- HA90 WINE - YEARS OF DRINKING  
0  
1-68  
. UNKNOWN (92)

VARIABLE   INFORMATION

- HA91   BEER - OUNCES PER MONTH  
0  
1-5760  
. UNKNOWN (72)
- HA92   BEER - YEARS OF DRINKING  
0  
1-68  
. UNKNOWN (123)
- HA93   LIQUOR - OUNCES PER MONTH  
0  
1-960  
. UNKNOWN (74)
- HA94   LIQUOR - YEARS OF DRINKING  
0  
1-68  
. UNKNOWN (159)
- HA95   ON JOB PHYSICAL ACTIVITY  
1 MOSTLY SITTING  
2 MODERATE  
3 MUCH  
. UNKNOWN (14)
- HA96   OFF JOB PHYSICAL ACTIVITY  
1 MOSTLY SITTING  
2 MODERATE  
3 MUCH  
. UNKNOWN (40)
- HA97   HOURS SPENT - NO PHYSICAL ACTIVITY  
3-23  
. UNKNOWN (11)
- HA98   HOURS SPENT - SEDENTARY ACTIVITY  
1-19  
. UNKNOWN (66)
- HA99   HOURS SPENT - SLIGHT ACTIVITY  
0-19  
. UNKNOWN (67)

VARIABLE   INFORMATION

- HA100   HOURS SPENT - MODERATE ACTIVITY  
0-14  
. UNKNOWN (66)
- HA101   HOURS SPENT - HEAVY ACTIVITY  
0-9  
. UNKNOWN (62)
- HA102   BIRTHPLACE OF FATHER  
SET TO DOT (.) TO PROTECT CONFIDENTIALITY
- HA103   BIRTHPLACE OF MOTHER  
SET TO DOT (.) TO PROTECT CONFIDENTIALITY
- HA104   USUAL JOB OF FATHER  
0 RETIRED  
1 UNSKILLED  
2 SEMI-SKILLED  
3 SKILLED  
4 CLERICAL-SALES  
5 FOREMAN, SUPERVISORS  
6 PROFESSIONAL, MANAGERIAL  
7 FARMER  
8 TEMPORARILY NOT WORKING  
. UNKNOWN (158)
- HA105   USUAL JOB OF MOTHER  
0 RETIRED  
1 UNSKILLED  
2 SEMI-SKILLED  
3 SKILLED  
4 CLERICAL-SALES  
5 FOREMAN, SUPERVISORS  
6 PROFESSIONAL, MANAGERIAL  
7 FARMER  
8 TEMPORARILY NOT WORKING  
. UNKNOWN (114)
- HA106   FATHER ALIVE OR DEAD  
1 LIVING  
2 DEAD  
. UNKNOWN (7)

VARIABLE   INFORMATION

18

- HA107    MOTHER ALIVE OR DEAD  
          1 LIVING  
          2 DEAD  
          . UNKNOWN (11)
- HA108    AGE OF FATHER NOW OR AT DEATH  
          20-98  
          . UNKNOWN (264)
- HA109    AGE OF MOTHER NOW OR AT DEATH  
          18-98  
          . UNKNOWN (327)
- HA110    CAUSE OF DEATH OF FATHER  
          DATA GROUPED TO PROTECT CONFIDENTIALITY  
          1 001-139 INFECTIVE AND PARASITIC  
          2 140-239 NEOPLASMS  
          3 240-289 ALLERGIC, ENDOCRINE SYSTEM, METABOLIC,  
              AND NUTRITIONAL  
          4 290-299 BLOOD AND BLOOD-FORMING ORGANS  
          5 300-329 MENTAL, PSYCHONEUROTIC AND  
              PERSONALITY DISORDERS  
          6 330-399 NERVOUS SYSTEM AND SENSE ORGANS  
          7 400-469 CIRCULATORY SYSTEM  
          8 470-529 RESPIRATORY SYSTEM  
          9 530-589 DIGESTIVE SYSTEM  
          10 590-639 GENITO-URINARY SYSTEM  
          11 640-689 PREGNANCY, CHILDBIRTH AND THE PUERPERIUM  
          12 690-719 SKIN AND CELLULAR TISSUE  
          13 720-749 BONES AND ORGANS OF MOVEMENT  
          14 750-759 CONGENITAL MALFORMATIONS  
          15 760-779 EARLY INFANCY  
          16 780-799 SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS  
          17 800-999 ACCIDENTS, POISONINGS AND VIOLENCE  
          . UNKNOWN (3062)

- HA111 CAUSE OF DEATH OF MOTHER  
DATA GROUPED TO PROTECT CONFIDENTIALITY
- 1 001-139 INFECTIVE AND PARASITIC
  - 2 140-239 NEOPLASMS
  - 3 240-289 ALLERGIC, ENDOCRINE SYSTEM, METABOLIC,  
AND NUTRITIONAL
  - 4 290-299 BLOOD AND BLOOD-FORMING ORGANS
  - 5 300-329 MENTAL, PSYCHONEUROTIC AND  
PERSONALITY DISORDERS
  - 6 330-399 NERVOUS SYSTEM AND SENSE ORGANS
  - 7 400-469 CIRCULATORY SYSTEM
  - 8 470-529 RESPIRATORY SYSTEM
  - 9 530-589 DIGESTIVE SYSTEM
  - 10 590-639 GENITO-URINARY SYSTEM
  - 11 640-689 PREGNANCY, CHILDBIRTH AND THE PUERPERIUM
  - 12 690-719 SKIN AND CELLULAR TISSUE
  - 13 720-749 BONES AND ORGANS OF MOVEMENT
  - 14 750-759 CONGENITAL MALFORMATIONS
  - 15 760-779 EARLY INFANCY
  - 16 780-799 SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS
  - 17 800-999 ACCIDENTS, POISONINGS AND VIOLENCE
  - . UNKNOWN (4338)
- HA112 PARENTS DIAGNOSED HEART ATTACK?
- 0 NEITHER
  - 1 FATHER
  - 2 MOTHER
  - 3 BOTH
  - . UNKNOWN (482)
- HA113 FATHER'S AGE AT FIRST DIAGNOSED HEART ATTACK
- 0
  - 35-97
  - . UNKNOWN (427)
- HA114 MOTHER'S AGE AT FIRST DIAGNOSED HEART ATTACK
- 0
  - 30-88
  - . UNKNOWN (409)

VARIABLE   INFORMATION

- HA115   PARENT'S DIAGNOSED STROKE  
0 NEITHER  
1 FATHER  
2 MOTHER  
3 BOTH  
. UNKNOWN (453)
- HA116   FATHER AGE AT 1ST DIAGNOSED STROKE  
0  
28-98  
. UNKNOWN (450)
- HA117   MOTHER AGE AT 1ST DIAGNOSED STROKE  
0  
6-93  
. UNKNOWN (421)
- HA118   PARENTS HISTORY OF OTHER HEART DISEASE  
0 NEITHER  
1 FATHER  
2 MOTHER  
3 BOTH  
. UNKNOWN (489)
- HA119   PARENTS HISTORY OF DIABETES MELLITUS  
0 NEITHER  
1 FATHER  
2 MOTHER  
3 BOTH  
. UNKNOWN (866)
- HA120   PARENTS HISTORY OF HIGH BLOOD PRESSURE  
0 NEITHER  
1 FATHER  
2 MOTHER  
3 BOTH  
. UNKNOWN (1405)

VARIABLE   INFORMATION

- HA121   PARENTS HISTORY OF KIDNEY DISEASE  
0 NEITHER  
1 FATHER  
2 MOTHER  
3 BOTH  
. UNKNOWN (917)
- HA122   ARE YOUR PARENTS BLOOD RELATIVES?  
0 NO  
1 YES  
. UNKNOWN (610)
- HA123   NUMBER OF OLDER BROTHERS  
0-8  
. UNKNOWN (13)
- HA124   NUMBER OF YOUNGER BROTHERS  
0-8  
. UNKNOWN (12)
- HA125   NUMBER OF OLDER SISTERS  
0-8  
. UNKNOWN (37)
- HA126   NUMBER OF YOUNGER SISTERS  
0-8  
. UNKNOWN (37)
- HA127   MEDICAL HISTORY OF SCARLET FEVER  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (89)
- HA128   MEDICAL HISTORY OF THYROID DISEASE  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (4)

VARIABLE    INFORMATION

- HA129    MEDICAL HISTORY OF GOUT  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (9)
- HA130    MEDICAL HISTORY OF DIABETES MELLITUS  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (19)
- HA131    MEDICAL HISTORY OF HIGH BLOOD PRESSURE  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (39)
- HA132    HIGH BLOOD PRESSURE TREATMENT NOW?  
0 NONE  
1 DIET  
2 MEDICATION  
3 BOTH  
. UNKNOWN (25)
- HA133    MEDICAL HISTORY OF STROKE  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (13)
- HA134    MEDICAL HISTORY OF RHEUMATIC FEVER  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (19)
- HA135    MEDICAL HISTORY OF HEART ATTACK  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (17)

VARIABLE    INFORMATION

23

- HA136    MEDICAL HISTORY OF ANGINA PECTORIS  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (17)
- HA137    MEDICAL HISTORY OF OTHER HEART DISEASE  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (24)
- HA138    WEIGHT IN POUNDS AT AGE 25 (ALSO SEE S23)    \*  
DATA MODIFIED TO PROTECT CONFIDENTIALITY  
96-185  
\* values less than or equal to 99 and greater or equal 0 are assigned the value 96  
\* values greater than or equal to 180 are assigned the value 185  
. UNKNOWN (83)
- HA139    USE OF HYPOCHOLESTEROLEMIC AGENT  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (11)
- HA140    USE OF THYROID DRUGS  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (8)
- HA141    PRESENTLY ON CVD DRUGS (SEE QUESTIONNAIRE)  
(DIGITALIS, NITROGLYCERINE ANTICOAGULANTS(BLOOD THINNERS)  
DIURETICS, BLOOD VESSEL DILATORS, OTHER CVD DRUGS)  
0 NO  
1 YES  
8 DOUBTFUL  
. UNKNOWN (11)

VARIABLE    INFORMATION

- HA142    HAVE CHEST PAIN WHEN WALKING  
          0 NO  
          1 YES  
          2 NEVER HAD CHEST PAIN  
          . UNKNOWN (42)
- HA143    HAVE CHEST PAIN MORE THAN 3 TIMES  
          0 NO  
          1 YES  
          2 NEVER HAD CHEST PAIN  
          . UNKNOWN (6)
- HA144    EFFORT PAIN SUMMARY (SEE QUESTIONAIRE)  
          0 NEGATIVE  
          1 GRADE 1  
          2 GRADE 2  
          8 DOUBTFUL  
          . UNKNOWN (2)
- HA145    SEVERE CHEST PAIN > = HALF HOUR  
          0 NO  
          1 YES  
          . UNKNOWN (8)
- HA146    CLAUDICATION SUMMARY  
          0 NO  
          1 YES  
          8 DOUBTFUL  
          . UNKNOWN (8)





VARIABLE    INFORMATION

HA161    URINE GLUCOSE  
0 NEGATIVE  
1+ POSITIVE  
2+ POSITIVE  
3+ POSITIVE  
8 DOUBTFUL  
. UNKNOWN (29)

HA162    URINE PROTEIN  
0 NEGATIVE  
1 POSITIVE  
8 DOUBTFUL  
. UNKNOWN (27)

HA163    HOURS SINCE LAST CALORIC INTAKE  
0-21  
. UNKNOWN (5)

HA164    BLOOD SERUM  
1 CLEAR  
2 LIPEMIC  
3 HEMOLYZED  
4 BOTH  
. UNKNOWN (19)

HA165    HEMATOCRIT  
23-62  
. UNKNOWN (47)

HA166    ELAPSED TIME (MINUTES)  
          (BETWEEN GLUCOSE LOAD AND VENIPUNCTURE)  
47-71 MINUTES  
. UNKNOWN, NO VENIPUNCTURE OR NO GLUCOSE LOAD (50)

HA167    BLOOD GLUCOSE (MG/DL)  
40-671  
. UNKNOWN (29)

HA168    SERUM CHOLESTEROL (MG/DL)  
51-537  
. UNKNOWN (45)

VARIABLE    INFORMATION

HA169	URIC ACID (MG/LITER) 7-148 . UNKNOWN (35)	
HA170	RANDOM TRIGLYCERIDE (MG/DL) 16-4793 . UNKNOWN (349)	
HA171	PONDERAL INDEX (CUBE ROOT OF WT IN KG)/(HT IN CM) * 100 DATA MODIFIED TO PROTECT CONFIDENTIALITY 217-276 . UNKNOWN (3) * values less than or equal to 219 and greater than 0 are assigned the value 217 * values greater than or equal to 271 are assigned the value 276	*
HA172	RELATIVE WEIGHT (BODY WT/IDEAL WT) * 100 DATA MODIFIED TO PROTECT CONFIDENTIALITY 71.9-170 . UNKNOWN (4) * values greater than or equal to 162.6 are assigned the value 170	*
HA173	CALCULATED AGE AT FIRST EXAM SET TO DOT (.) TO PROTECT CONFIDENTIALITY	
HA174	GASTRECTOMY STATUS DATA MODIFIED TO PROTECT CONFIDENTIALITY 0 OR BLANK NO GASTRECTOMY 1 GASTRECTOMY CONFIRMED BY RECORD REVIEW, BUT CASE EXCLUDED FROM 1970 GASTRECTOMY ANALYSIS 2 HISTORY OF GASTRECTOMY AT FIRST EXAM, BUT REVIEW OF HOSPITAL RECORDS FAILED TO CONFIRM 3 POSITIVE HISTORY OF GASTRECTOMY BUT UNABLE TO REVIEW HOSPITAL RECORDS 5 GASTRECTOMY CONFIRMED BY RECORD REVIEW. INCLUDED IN 1970 ANALYSIS 6 WEIGHT, HEIGHT, AND AGE MATCHED CONTROLS WITH NO GASTRIC SURGERY. 7 MEN WITH ULCER DISEASE WITHOUT PREVIOUS GASTRIC SURGERY . UNKNOWN (108) * values equal to 1, 2, 3, or 7 is assigned a dot (.)	*

<u>VARIABLE</u>	<u>INFORMATION</u>
HA175	NURSE SYSTOLIC, 1ST READING 72-264 . UNKNOWN (2)
HA176	NURSE DIASTOLIC, 1ST READING 44-170 . UNKNOWN (5)
HA177	NURSE SYSTOLIC, 2ND READING 78-260 . UNKNOWN (10)
HA178	NURSE DIASTOLIC, 2ND READING 32-180 . UNKNOWN (12)
HA179	PHYSICIAN SYSTOLIC, 2ND READING 84-280 . UNKNOWN (5)
HA180	PHYSICIAN DIASTOLIC, 2ND READING 30-166 . UNKNOWN (5)
HA181	DIAGNOSTIC IMPRESSION, HYPERTENSION 0 NEGATIVE 1 POSITIVE 2 BORDERLINE NO UNKNOWNNS
HA182	DIAGNOSTIC IMPRESSION, HYPERTENSIVE HEART DISEASE 0 NEGATIVE 1 POSITIVE 8 DOUBTFUL . UNKNOWN (1)
HA183	DIAGNOSTIC IMPRESSION, ANGINA 0 NEGATIVE 1 POSITIVE 8 DOUBTFUL . UNKNOWN (3)

VARIABLE    INFORMATION

- HA184    DIAGNOSTIC IMPRESSION, CORONARY INSUFFICIENCY  
0 NEGATIVE  
1 POSITIVE  
8 DOUBTFUL  
. UNKNOWN (4)
- HA185    DIAGNOSTIC IMPRESSION, MYOCARDIAL INFARCTION  
0 NONE  
1 HISTORY WITH POSITIVE EKG  
2 GOOD HISTORY WITH NEGATIVE OR DOUBTFUL EKG  
3 POSITIVE EKG BUT NO HISTORY  
8 DOUBTFUL  
. UNKNOWN (1)
- HA186    DIAGNOSTIC IMPRESSION, CEREBROVASCULAR ACCIDENT  
0 NONE  
1 HISTORY AND NEUROLOGIC FINDINGS  
2 HISTORY ONLY  
3 NO HISTORY, BUT A DEFINITE NEUROLOGIC DEFICIT FOR WHICH  
  THERE IS NO OTHER EXPLANATION FOUND ON EXAMINATION  
4 NO STROKE AT FIRST EXAM BUT DEVELOPED ONE IN NEXT TWO  
  YEARS JUDGED TO BE PROBABLY THROMBO-EMBOLIC  
5 NO STROKE AT FIRST EXAM BUT DEVELOPED ONE IN NEXT TWO  
  YEARS JUDGED TO BE PROBABLY HEMORRHAGIC  
6 NO STROKE AT FIRST EXAM BUT DEVELOPED ONE IN NEXT TWO  
  YEARS BUT TYPE UNKNOWN  
8 STROKE DOUBTFUL AT FIRST EXAM  
. UNKNOWN (4)
- HA187    DIAGNOSTIC IMPRESSION, CONGESTIVE FAILURE  
0 NEGATIVE  
1 POSITIVE  
8 DOUBTFUL  
. UNKNOWN (2)
- HA188    DIAGNOSTIC IMPRESSION, OTHER CVD  
0 NEGATIVE  
1 POSITIVE  
8 DOUBTFUL  
. UNKNOWN (4)

VARIABLE    INFORMATION

HA189	CAROTID BRUIT 0 NONE 1 LEFT 2 RIGHT 3 BOTH . UNKNOWN (32)
HA190	WHOLE MILK, 1 OUNCE UNITS 0-57 NO UNKNOWNNS
HA191	SKIM MILK, 4 OUNCE UNITS 0-9 NO UNKNOWNNS
HA192	ICE CREAM, ½ CUP UNITS 0-6 NO UNKNOWNNS
HA193	ICE MILK, ½ CUP UNITS 0-4 NO UNKNOWNNS
HA194	POWDERED CREAM SUBSTITUTE, 1 TEASPOON UNITS 0-9 NO UNKNOWNNS
HA195	CHEESE(EXCEPT COTTAGE), 1 OUNCE UNITS 0-6 NO UNKNOWN
HA196	EGG, 1 0-7 NO UNKNOWNNS
HA197	BEEF, VEAL, LAMB, 1 OUNCE UNITS 0-27 NO UNKNOWNNS
HA198	CHICKEN, TURKEY, 1 OUNCE UNITS 0-9 NO UNKNOWNNS

VARIABLE    INFORMATION

HA199	FRESH PORK, 1 OUNCE UNITS 0-9 NO UNKNOWNNS
HA200	HAM, 1 OUNCE UNITS 0-9 NO UNKNOWNNS
HA201	BACON COOKED, 1 SLICE UNITS 0-8 NO UNKNOWNNS
HA202	SAUSAGE MEDIUM FAT, 1 OUNCE UNITS 0-9 NO UNKNOWNNS
HA203	FISH LEAN COOKED, 1 OUNCE UNITS 0-9 NO UNKNOWNNS
HA204	FISH >4 % FAT-COOKED, 1 OUNCE UNITS 0-9 NO UNKNOWNNS
HA205	FISH RAW, 1 OUNCE UNITS 0-9 NO UNKNOWNNS
HA206	SHELLFISH, 1 OUNCE UNITS 0-9 NO UNKNOWNNS
HA207	KAMOBOKO (1 SLICE UNITS), ½ OUNCE UNITS 0-9 NO UNKNOWNNS
HA208	RICE COOKED, ½ CUP UNITS 0-27 NO UNKNOWNNS
HA209	NOODLES JAPANESE OR AMERICAN, ½ CUP UNITS 0-9 NO UNKNOWNNS

VARIABLE    INFORMATION

HA210	BREAKFAST CEREAL, (½ CUP COOKED UNITS) (1 OUNCE COLD UNITS) 0-9 NO UNKNOWNNS
HA211	BREAD OR CRACKER, 1 SLICE UNITS 0-9 NO UNKNOWNNS
HA212	SINGLE PIE CRUST, 1/6 PIE UNITS 0-6 NO UNKNOWNNS
HA213	TOFU, 1/4 CUP UNITS OR 1/8 BLOCK UNITS 0-9 NO UNKNOWNNS
HA214	MISO, 1 TEASPOON UNITS 0-9 NO UNKNOWNNS
HA215	DRIED BEANS COOKED, 1/4 CUP UNITS 0-9 NO UNKNOWNNS
HA216	SHOYU, 1 TEASPOON UNITS 0-9 NO UNKNOWNNS
HA217	PEANUT BUTTER, 1 TEASPOON UNITS 0-9 NO UNKNOWNNS
HA218	STARCHY VEGETABLES, ½ CUP UNITS 0-9 NO UNKNOWNNS
HA219	COOKED VEGETABLES, ½ CUP UNITS 0-9 NO UNKNOWNNS

VARIABLE    INFORMATION

HA220	COOKED AND RAW VEGETABLES, ½ CUP COOKED UNITS OR 1 CUP RAW UNITS 0-9 NO UNKNOWNNS
HA221	SALTED JAPANESE VEGETABLES, 1 OUNCE UNITS 0-9 NO UNKNOWNNS
HA222	LOW CARBOHYDRATE-FRUIT, ½ CUP UNITS 0-9 NO UNKNOWNNS
HA223	> 12% CARBOHYDRATE-FRUIT, ½ CUP UNITS 0-9 NO UNKNOWNNS
HA224	PROCESSED WITH SUGAR-FRUIT, ½ CUP UNITS 0-9 NO UNKNOWNNS
HA225	COTTONSEED OIL, 1 TEASPOON UNITS 0-9 NO UNKNOWNNS
HA226	SAFFLOWER OIL, 1 TEASPOON UNITS 0-9 NO UNKNOWNNS
HA227	CORN OIL, 1 TEASPOON UNITS 0-9 NO UNKNOWNNS
HA228	BUTTER, 1 TEASPOON UNITS 0-9 NO UNKNOWNNS
HA229	MARGARINE(P:<1), 1 TEASPOON UNITS 0-9 NO UNKNOWNNS

VARIABLE    INFORMATION

HA230	MAYONNAISE, 1 TEASPOON UNITS 0-30 NO UNKNOWNNS
HA231	BACON FAT, 1 TEASPOON UNITS 0-9 NO UNKNOWNNS
HA232	BEEF GRAVY, 1 TABLESPOON UNITS 0-9 NO UNKNOWNNS
HA233	SUGAR, 1 TEASPOON UNITS 0-9 NO UNKNOWNNS
HA234	JELLY:JAM, 1 TEASPOON HEAPING OR 1 TABLESPOON LEVEL UNITS 0-9 NO UNKNOWNNS
HA235	DANISH PASTRY 1/4 LARGE, 25 GRAMS UNITS 0-9 NO UNKNOWNNS
HA236	PLAIN CAKE NO ICING, 1/12 CAKE-60 GRAMS UNITS 0-9 NO UNKNOWNNS
HA237	PUDDING + CREAM FILLING, 1/4 CUP UNITS 0-9 NO UNKNOWNNS
HA238	TEA, 4 OUNCE UNITS 0-9 NO UNKNOWNNS
HA239	COFFEE (EXCLUDING DECAFFEINATED), 4 OUNCE UNITS 0-44 NO UNKNOWNNS
HA240	COLA BEVERAGE, 6 OUNCE UNITS 0-9 NO UNKNOWNNS

VARIABLE    INFORMATION

HA241	CARBONATED AND FRUIT FLAVORED BEVERAGE, 6 OUNCE UNITS 0-9 NO UNKNOWNNS
HA242	BEER, 12 OUNCE UNITS 0-20 NO UNKNOWNNS
HA243	RECORD NUMBER OF OTHER FOODS 0-9 NUMBER OF OTHER FOODS LISTED ON PAGE 3 OF 24 HOUR DIETARY RECALL QUESTIONNAIRE . UNKNOWN (13)
HA244	YESTERDAY WAS 1 SATURDAY 2 SUNDAY 3 OTHER HOLIDAY 4 WEEKDAY NO UNKNOWNNS
HA245	DEGREE OF YESTERDAY INTAKE 1 FAIRLY TYPICAL 2-8 UNUSUAL . UNKNOWN (1)
HA246	NUMBER OF MEALS YESTERDAY 0-7 8 8 OR MORE . UNKNOWN (10)
HA247	NUMBER OF SNACKS YESTERDAY 0-7 8 8 OR MORE . UNKNOWN (19)
HA248	WAS ONE OF YESTERDAY'S MEALS DEFINITELY LARGER THAN ALL THE OTHERS? 0 NO 1 YES 8 DOUBTFUL . UNKNOWN (153)

VARIABLE    INFORMATION

HA249    IF YES, WAS THE LARGE MEAL EATEN IN:  
          1 MORNING  
          2 MID-DAY  
          3 EVENING  
          . UNKNOWN (5705)

HA250    DIETICIAN CODE  
          1 #1 ANONYMOUS  
          2 #2 ANONYMOUS  
          3 #3 ANONYMOUS  
          4 #4 ANONYMOUS  
          NO UNKNOWNNS

HA251    VENTRICULAR RATE  
          40-150  
          . UNKNOWN (9)

HA252    PR INTERVAL UNITS:10 MILLISECONDS  
          8-27  
          . UNKNOWN (51)

HA253    QRS INTERVAL UNITS:10 MILLISECONDS  
          4-18  
          . UNKNOWN (13)

HA254    QT INTERVAL UNITS:10 MILLISECONDS  
          24-49  
          . UNKNOWN (13)

HA255    PREMATURE BEATS  
          0 NEGATIVE  
          1 ATRIAL  
          2 VENTRICULAR  
          . UNKNOWN (9)

HA256    TACHYCARDIA  
          0 NEGATIVE  
          1 SINUS  
          2 SUPRAVENTRICULAR  
          3 VENTRICULAR  
          . UNKNOWN (9)

VARIABLE    INFORMATION

- HA257    ATRIAL FIBRILLATION  
0 NEGATIVE  
1 FLUTTER  
2 FIBRILLATION  
. UNKNOWN (8)
- HA258    OTHER ABNORMALITY OF RHYTHM  
0 NEGATIVE  
1-2 POSITIVE  
8 DOUBTFUL  
. UNKNOWN (8)
- HA259    AV BLOCK  
0 NEGATIVE  
1-2 1ST DEGREE  
3 2ND DEGREE  
4 COMPLETE  
. UNKNOWN (9)
- HA260    IV BLOCK  
0 = NEGATIVE(LBBB)  
1 = COMPLETE(LBBB)  
2 = INCOMPLETE(LBBB)  
3 = COMPLETE(RBBB)  
4 = INCOMPLETE(RBBB)  
5 = UNCLASSIFIED  
. UNKNOWN (8)
- HA261    PROLONGED QT INTERVAL  
0 NEGATIVE  
1 POSITIVE  
8 DOUBTFUL  
. UNKNOWN (9)
- HA262    P WAVE ABNORMALITY  
0 NEGATIVE  
1 POSITIVE  
8 DOUBTFUL  
. UNKNOWN (11)

VARIABLE    INFORMATION

HA263	HIGH VOLTAGE QRS 0 NEGATIVE 1 POSITIVE 8 DOUBTFUL . UNKNOWN (8)
HA264	PATTERN SUGGEST LVH 0 NEGATIVE 1 POSITIVE 8 DOUBTFUL . UNKNOWN (8)
HA265	PATTERN SUGGEST LVS 0 NEGATIVE 1 POSITIVE 8 DOUBTFUL . UNKNOWN (8)
HA266	PATTERN SUGGEST RVH 0 NEGATIVE 1 POSITIVE 8 DOUBTFUL . UNKNOWN (8)
HA267	NON-SPECIFIC ST-J 0 NEGATIVE 1 POSITIVE 8 DOUBTFUL . UNKNOWN (10)
HA268	NON-SPECIFIC T WAVE ABNORMALITY 0 NEGATIVE 1 POSITIVE 8 DOUBTFUL . UNKNOWN (12)
HA269	MYOCARDIAL ISCHEMIA 0 NEGATIVE 1 POSITIVE 8 DOUBTFUL . UNKNOWN (9)

VARIABLE    INFORMATION

HA270	MI POSITIVE 0 NONE 1-12 DEFINITE MI POSITIVE . UNKNOWN (8)	
HA271	MI DOUBTFUL 0 NONE 1-8 DOUBTFUL MI . UNKNOWN (8)	
HA272	OTHER MI POSSIBLE 0 NONE 1 Q WAVE IN PREMATURE VENTRICULAR COMPLEX 2, 4 OTHER PATTERN SUGGESTING MI BUT NOT CODABLE AS MI POSITIVE OR DOUBTFUL . UNKNOWN (8)	
HA273	AXIS DEVIATION 0-4 . UNKNOWN (8)	
HA274	OTHER ABNORMALITY 0-8 . UNKNOWN (8)	
HA275	POPULATION AT RISK FOR CHD 0-2 NO UNKNOWNNS	*
HA276	2 YEAR INCIDENCE OF CHD 0-4 NO UNKNOWNNS	*
HA277	2 YEAR INCIDENCE OF ANGINA 0-1 NO UNKNOWNNS	*
HA278	2 YEAR INCIDENCE OF CI 0-1 NO UNKNOWNNS	*

VARIABLE    INFORMATION

HA279	2 YEAR INCIDENCE OF MI 0-1 NO UNKNOWNNS	*	
HA280	MINNESOTA READING-VENTRICULAR RATE 0-145 NO UNKNOWNNS	*	
HA281	MINNESOTA SIGN OF AXIS 0 . UNKNOWN (1)	*	
HA282	MINNESOTA AXIS -150-180 . UNKNOWN (1)	*	
HA283	MINNESOTA READING-QRS ITEMS 0-36 NO UNKNOWNNS	*	
HA284	MINNESOTA READING-AXIS DEVIATION 0-5 NO UNKNOWNNS	*	
HA285	MINNESOTA READING-HIGH AMPLITUDE R WAVE 0-3 NO UNKNOWNNS	*	*
HA286	MINNESOTA READING-ST JUNCTION & SEG. DEPRESSION 0-4 NO UNKNOWNNS	*	*
HA287	MINNESOTA READING-T WAVE ITEMS 0-4 NO UNKNOWNNS	*	
HA288	MINNESOTA READING-AV CONDUCTION DEFECT 0-5 NO UNKNOWNNS	*	
HA289	MINNESOTA READING-VENTRICULAR CONDUCTION DEFECT 0-6 NO UNKNOWNNS	*	*

VARIABLE    INFORMATION

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HA290	MINNESOTA READING-ARRHYTHMIA 0-7 NO UNKNOWNNS	*
HA291	MINNESOTA READING-ARRHYTHMIA 0-5 NO UNKNOWNNS	*
HA292	MINNESOTA READING-ARRHYTHMIA 0-8 NO UNKNOWNNS	*
HA293	MINNESOTA CODE-MISCELLANEOUS ITEMS 0-8 NO UNKNOWNNS	*
HA294	MINNESOTA CODE-MISCELLANEOUS ITEMS 9-4 0-2 NO UNKNOWNNS	*

\* (SOURCE) LOCATION: SEE "ECG OPERATIONS MANUAL" FOR CODES

HA295	6 YEARS CHD INCIDENCE BY WORST MANIFESTATION 0-4 NO UNKNOWNNS	
HA296	GENERATION 1=ISSEI 2=NISEI NO UNKNOWNNS	
HA297	NUMBER OF YEARS SPENT VISITING JAPAN 0-43 . UNKNOWN (22)	
HA298	LONGEST STAY IN JAPAN 0-35 . UNKNOWN (23)	
HA299	AGE AT START OF LONGEST STAY 0-70 . UNKNOWN (22)	

VARIABLE    INFORMATION

HA300	LENGTH OF 2ND LONGEST STAY 0-15 . UNKNOWN (19)
HA301	AGE AT START OF 2ND LONGEST STAY 0-69 . UNKNOWN (19)
HA302	GENERATION 1=ISSEI 2=NISEI 3=KIBEI NO UNKNOWNNS
HA303	CALORIES 0-6694 NO UNKNOWNNS
HA304	PROTEIN (GRAMS) 0-372.668 NO UNKNOWNNS
HA305	TOTAL FAT (GRAMS) 0-358.563 NO UNKNOWNNS
HA306	SFA (SATURATED FATTY ACIDS) (GRAMS) 0-168.699 NO UNKNOWNNS
HA307	MFA (MONOUNSATURATED FATTY ACIDS) (GRAMS) 0-134.098 NO UNKNOWNNS
HA308	PFA (POLYUNSATURATED FATTY ACIDS) (GRAMS) 0-75.8984 NO UNKNOWNNS
HA309	TOTAL CARBOHYDRATE (GRAMS) 0-1012.25 NO UNKNOWNNS

<u>VARIABLE</u>	<u>INFORMATION</u>
HA310	SUGAR (GRAMS) 0-337.063 NO UNKNOWNNS
HA311	STARCH (GRAMS) 0-735 NO UNKNOWNNS
HA312	OTHER CARBOHYDRATE (GRAMS) 0-447.5 NO UNKNOWNNS
HA313	CHOLESTEROL (MG) 0-2429 NO UNKNOWNNS
HA314	ALCOHOL (GRAMS) 0-357.688 NO UNKNOWNNS
HA315	CAFFEINE (MG) 0-5500 NO UNKNOWNNS
HA316	SODIUM (10 MG) 0-1427 NO UNKNOWNNS
HA317	PFA/SFA RATIO (POLYUNSATURED FATTY ACIDS/SATURATED FATTY ACIDS) 0-3.81982 . UNKNOWN (5)
HA318	C/S RATIO (CARBOHYDRATES/STARCH) 0-98 . UNKNOWN (10)
HA319	% CALORIES SFA 0-30.5977 . UNKNOWN (5)

<u>VARIABLE</u>	<u>INFORMATION</u>
HA320	% CALORIES PFA 0-22.6992 . UNKNOWN (5)
HA321	ANIMAL PROTEIN (GRAMS) 0-322.75 NO UNKNOWNNS
HA322	VEGETABLE PROTEIN (GRAMS) 0-102.398 NO UNKNOWNNS
HA323	SATURATED FAT (GRAMS) 0-269.688 NO UNKNOWNNS
HA324	UNSATURATED FAT (GRAMS) 0-171.797 NO UNKNOWNNS
HA325	CARBOHYDRATE SIMPLE (GRAMS) 0-609.688 NO UNKNOWNNS
HA326	CARBOHYDRATE COMPLEX (GRAMS) 0-736 NO UNKNOWNNS
HA327	% PROTEIN ANIMAL 0-98.2969 . UNKNOWN (5)
HA328	% PROTEIN VEGETABLE 0-100 . UNKNOWN (5)
HA329	% FAT SATURATED 0-99.6992 . UNKNOWN (5)
HA330	% FAT UNSATURATED 0-100 . UNKNOWN (5)

<u>VARIABLE</u>	<u>INFORMATION</u>
HA331	% CARBOHYDRATE SIMPLE 0-100 . UNKNOWN (5)
HA332	% CARBOHYDRATE COMPLEX 0-100 . UNKNOWN (5)
HA333	% CALORIES PROTEIN 0-36.7969 . UNKNOWN (5)
HA334	% CALORIES FAT 0-68.7969 . UNKNOWN (5)
HA335	% CALORIES CARBOHYDRATE 0-96.8984 . UNKNOWN (5)
HA336	% CALORIES ALCOHOL 0-80.5977 . UNKNOWN (5)
HA337	BODY MASS INDEX (WTKG/HTMSQUARE) * DATA MODIFIED TO PROTECT CONFIDENTIALITY 16.5-33.125 * values less than or equal to 17 and greater or equal 0 are assigned the value 16.5 * values greater than or equal to 31.75391 are assigned the value 33.125 . UNKNOWN (5)
HA338	SYSTOLIC BLOOD PRESSURE 80-263 NO UNKNOWNNS
HA339	DIASTOLIC BLOOD PRESSURE 40-172 NO UNKNOWNNS

<u>VARIABLE</u>	<u>INFORMATION</u>
HA340	HYPERTENSION 0 NORMAL 1 BORDERLINE 2 DEFINITE NO UNKNOWNNS
HA341	VITAL CAPACITY IN % 15.625-100 . UNKNOWN (11)
HA342	ALCOHOL=WINE(.1)+BEER(.037)+LIQUOR(.38)OUNCES/MONTH 0-364.813 . UNKNOWN (18)
HA343	JAPANESE DIET AS % OF JAPANESE AND WESTERN DIET 0-100 . UNKNOWN (37)
HA344	URINE GLUCOSE 0 NEGATIVE/DOUBTFUL 1 POSITIVE . UNKNOWN (29)
HA345	URINE ALBUMIN 0 NEGATIVE/DOUBTFUL 1 POSITIVE . UNKNOWN (27)
HA346	PREMATURE BEAT 0 NO 1 ATRIAL 2 VENT/BOTH . UNKNOWN (9)
HA347	ATRIAL FLUTTER 0 NEGATIVE 1 POSITIVE . UNKNOWN (8)
HA348	ECG-AV BLOCK 0 NEGATIVE 1 POSITIVE . UNKNOWN (9)

VARIABLE    INFORMATION

HA349	ECG-IV BLOCK 0 NEGATIVE 1 1,2 2-4 3 THRU 5 . UNKNOWN (8)
HA350	ECG-PROLONG QT INTERVAL 0 NEGATIVE 1 POSITIVE . UNKNOWN (9)
HA351	ECG-P-WAVE 0 NEGATIVE 1 POSITIVE . UNKNOWN (11)
HA352	ECG-HIGH VOLTAGE QRS 0 NEGATIVE 1 POSITIVE . UNKNOWN (8)
HA353	LVH-S339 OR LVS-S340 0 NEGATIVE 1 POSITIVE . UNKNOWN (8)
HA354	ECG-NON-SPECIFIC ST 0 NEGATIVE 1 POSITIVE . UNKNOWN (10)
HA355	ECG-POSITIVE MI 0 NONE 1 POSITIVE . UNKNOWN (8)
HA356	DOUBTFUL MI 0 NONE 1 1-8 . UNKNOWN (8)

<u>VARIABLE</u>	<u>INFORMATION</u>
HA357	ECG-AXIS DEVIATION 0 LEFT 1 1-4 . UNKNOWN (8)
HA358	ANTIHYPERTENSION DRUG 0 NON USER 1 USED . UNKNOWN (25)
HA359	AGE - IN 5 YEAR RANGES 1 AGE < 50 2 AGE 50-54 3 AGE 55-59 4 AGE 60-64 5 AGE 65+ NO UNKNOWNNS
HA360	ACUTE CI 0 NO 1 YES NO UNKNOWNNS
HA361	CANCER PREVALENCE 0 NO 1 YES NO UNKNOWNNS
HA362	MONTH OF 10 YEAR CHD SET TO DOT (.) TO PROTECT CONFIDENTIALITY
HA363	YEAR OF 10 YEAR CHD SET TO DOT (.) TO PROTECT CONFIDENTIALITY
HA364	CHD DEATH 0 NO 1 YES NO UNKNOWNNS
HA365	SUDDEN DEATH, LESS THAN 1 HOUR 0 NO 1 YES NO UNKNOWNNS

VARIABLE    INFORMATION

HA366	MI BY SURVEILLANCE ECG 0 NO 1 YES NO UNKNOWNNS
HA367	MI BY SURVEILLANCE ENZ 0 NO 1 YES NO UNKNOWNNS
HA368	CI BY SURVEILLANCE 0 NO 1 YES NO UNKNOWNNS
HA369	AP BY SURVEILLANCE 0 NO 1 YES NO UNKNOWNNS
HA370	MI BY EXAM 0 NO 1 YES NO UNKNOWNNS
HA371	AP BY EXAM 0 NO 1 YES NO UNKNOWNNS
HA372	10 YEAR CHD INCIDENCE BY WORST MANIFESTATION 0 1-20 NO UNKNOWNNS
HA373	YEARS OF DEATH SINCE EXAM 1 1-14 . UNKNOWN (7815)
HA374	10 YEAR CVA BY WORST MANIFESTATION 0-20 NO UNKNOWNNS

<u>VARIABLE</u>	<u>INFORMATION</u>
HA375	MONTH OF 10 YEAR STROKE SET TO DOT (.) TO PROTECT CONFIDENTIALITY
HA376	YEAR OF 10 YEAR STROKE SET TO DOT (.) TO PROTECT CONFIDENTIALITY
HA377	YEARS OF DEATH SINCE EXAM1(MO YR CALC) 1-12 . UNKNOWN (7066)
HA378	MONTH OF 12 YEAR DEATH(DEC84) SET TO DOT (.) TO PROTECT CONFIDENTIALITY
HA379	DAY OF 12 YEAR DEATH(DEC84) SET TO DOT (.) TO PROTECT CONFIDENTIALITY
HA380	YEAR OF 12 YEAR DEATH(DEC84) SET TO DOT (.) TO PROTECT CONFIDENTIALITY
HA381	12 YEAR HHP UNDERLYING CAUSE OF DEATH(DEC84) DATA GROUPED TO PROTECT CONFIDENTIALITY 0 ALIVE 1 141-151 (ICD8) 2 152-154 (ICD8) 3 155-157 (ICD8) 4 161-163 (ICD8) 5 170-206 (ICD8) 6 226-404 (ICD8) 7 410 (ICD8) 8 411-429 (ICD8) 9 430-432 (ICD8) 10 433-438 (ICD8) 11 441-493 (ICD8) 12 510-819 (ICD8) 13 830-984 (ICD8) 19 29 38 OTHER . UNKNOWN (84)
HA382	12 YEAR CHD, WORST MANIFESTATION 0-20 NO UNKNOWNNS

<u>VARIABLE</u>	<u>INFORMATION</u>
HA383	MONTH OF 12 YEAR CHD INCIDENCE SET TO DOT (.) TO PROTECT CONFIDENTIALITY
HA384	YEAR OF 12 YEAR CHD INCIDENCE SET TO DOT (.) TO PROTECT CONFIDENTIALITY
HA385	12 YEAR CVA BY WORST MANIFESTATION 0-20 NO UNKNOWNNS
HA386	YEAR OF 12 YEAR CVA INCIDENCE SET TO DOT (.) TO PROTECT CONFIDENTIALITY
HA387	MONTH OF 12 YEAR CVA INCIDENCE SET TO DOT (.) TO PROTECT CONFIDENTIALITY
HA388	8/83 CANCER PREVALENCE 0 NO 1 PREVALENCE NO UNKNOWNNS
HA389	AGE AT ONSET OF DIABETES 0 NO DIABETES 17-68 . UNKNOWN (4)
HA390	NUMBER OF EPISODES OF DIABETIC COMA 0 NONE 1-4 . UNKNOWN (7)
HA391	DIABETIC DIET 0 NO 1 YES . UNKNOWN (1)
HA392	INSULIN TREATMENT FOR DIABETES 0 NO 1 YES NO UNKNOWNNS

<u>VARIABLE</u>	<u>INFORMATION</u>	
HA393	ORAL TABLETS TREATMENT FOR DIABETES 0 NO 1 YES . UNKNOWN (1)	
HA394	CALCIUM (MG) 0-3109 NO UNKNOWNNS	
HA395	POTASSIUM (MG) 0-8015 NO UNKNOWNNS	
HA396	5/85 CANCER PREVALENCE 0 NO 1 YES NO UNKNOWNNS	
HA397	CHD PREVALENCE 0 NO 1 YES NO UNKNOWNNS	
HA398	CVA PREVALENCE 0 NO 1 YES NO UNKNOWNNS	
HA399	FEV1, XM1 CURVE 1 (100 L) 31-408 . UNKNOWN (60)	*
HA400	FEV1, XM1 CURVE 2 (100 L) 27-427 . UNKNOWN (393)	*
HA401	FEV1, XM1 CURVE 3 (100 L) 38-400 . UNKNOWN (2617)	*
HA402	EXTRAPOLATED VOL, XM1 CURVE 1 (100 L) 0-92 . UNKNOWN (60)	*

VARIABLE    INFORMATION

- HA403    EXTRAPOLATED VOL, XM1 CURVE 2 (100 L) \*  
0-76  
. UNKNOWN (393)
- HA404    EXTRAPOLATED VOL, XM1 CURVE 3 (100 L) \*  
0-70  
. UNKNOWN (2617)
- HA405    EXAM1 BEST FEV1(L) \* 1.065            \*  
0.426-4.548  
. UNKNOWN (1660)
- HA406    PERCENT PREDICTED OF EXAM1 FEV1(L) \*  
16.25-142.76  
. UNKNOWN (1660)

\* THESE PULMONARY FUNCTION VARIABLES HAVE BEEN RECALCULATED AND RECODED SEE EXAM1 3/8/96 MEMO

- HA407    PRESENT INDUSTRY EXAM 1  
0-999  
NO UNKNOWNNS
- HA408    PRESENT OCCUPATION EXAM 1  
SET TO DOT (.) TO PROTECT CONFIDENTIALITY
- HA409    USUAL OCCUPATION EXAM 1  
SET TO DOT (.) TO PROTECT CONFIDENTIALITY
- HA410    PRESENT CLASS OF WORKER EXAM 1  
1 WORKS FOR SELF OR SELF-EMPLOYED OR OWNS BUSINESS  
2 MILITARY  
3 WORKS FOR MILITARY BUT IS CIVILIAN  
4 WORKS FOR STATE OR US GOVERNMENT  
5 WORKS FOR OTHERS, PRIVATE SECTOR  
6 UNEMPLOYED  
7 RETIRED  
8 DISABLED  
9 UNKNOWN

VARIABLE    INFORMATION

HA411	USUAL CLASS OF WORKER EXAM 1 1 WORKS FOR SELF OR SELF-EMPLOYED OR OWNS BUSINESS 2 MILITARY 3 WORKS FOR MILITARY BUT IS CIVILIAN 4 WORKS FOR STATE OR US GOVERNMENT 5 WORKS FOR OTHERS, PRIVATE SECTOR 6 UNEMPLOYED 7 RETIRED 8 DISABLED 9 UNKNOWN
HA412	CHD DEATH W/PRIOR CHD HISTORY 0 NO 1 YES NO UNKNOWNNS
HA413	DIABETES MED(INSULIN IN/ORAL TAB) 0 NO 1 YES NO UNKNOWNNS