

FRAMINGHAM HEART STUDY - CODING MANUAL

ORIGINAL COHORT EXAMS 1 - 7

COHORT: ORIGINAL

DATA COLLECTION TIME FRAME: EXAM 1 - 7

SAS DATASET NAME: EX0\_7S.SAS7BDAT

#RECORDS: 5209

The value ranges and observation number stated in the manual are based on the original data set. In some cases, observation may be deleted due to participant consent form restrictions. If observations have been deleted from this data set, the ranges or observation number may differ from those stated in this manual.

\*\*\*\*\*

Version 1: 08-15-2007  
comment added to MF630

08-22-2007  
recoded variables MF237 MF328 MF329 MF523 MF529  
MF530 MF531 MF532

Version 2: 09-14-2007  
recoded variables MF331 MF332 MF333

Version 3: 05-07-2008  
recoded variable MF522  
the note following variable MF646 replaced the Dr's name  
with XXXXXXX's

Version 4: 10-01-2008  
Removed one of the "NOTE" at variable MF646. This note was  
referring to the tape numbers that are no longer used in this  
coding manual.

Changed "TAPE VARIABLES W640 TO W653"  
to "VARIABLES MF640 TO MF653"

Version 5: 03-13-2009  
Changed the coding for variable MF127

\*\*\*\*\*

<u>VARIABLE</u>	<u>DESCRIPTION</u>
IDTYPE	FRAMINGHAM COHORT IDENTIFIER 0 = ORIGINAL
ID	FRAMINGHAM PARTICIPANT ID 0001-6447 ASSIGNED <i>ID deleted, use SHARE ID</i>

SHAREID

SHARE ID NUMBER

MF2

TYPE

0001 = S, SAMPLE RESPONDENT RETAINED IN HEART STUDY

0002 = SX, VOLUNTEER ADDED TO HEART STUDY

*MF2 deleted, used for administrative purposes only*

MF3

SEX

0001 = MAN

0002 = WOMAN

*MF3 deleted, redundant, use most recent "basic" file*

MF4

RELATIVE WEIGHT, EXAM 1

0052-0222 KNOWN, IN PERCENT

9999 = UNKNOWN

MF5

EDUCATION

0000 = NONE

0001 = FOURTH GRADE OR LESS

0002 = FIFTH, SIXTH OR SEVENTH GRADE

0003 = GRADE SCHOOL GRADUATE

0004 = HIGH SCHOOL, NOT GRADUATE

0005 = HIGH SCHOOL GRADUATE

0010 = BUSINESS COLLEGE, NURSING SCHOOL,  
MUSIC SCHOOL, ART SCHOOL

0006 = COLLEGE, NOT GRADUATE

0007 = COLLEGE GRADUATE

0008 = POST GRADUATE

9999 = UNKNOWN

MF6

COUNTRY OF BIRTH

0000 = BORN IN UNITED STATES

0001 = NOT BORN IN UNITED STATES

MF7

ITALIAN ANCESTRY

0000 = PURE ITALIAN

0001 = ITALIAN AND OTHER

0002 = NO ITALIAN

*MF7 deleted, to preserve confidentiality*

MF8

HISTORY OF ACUTE INFECTIONS, EXAM 1

0000 = NEGATIVE

0001 = DIPHTHERIA

0002 = SCARLET FEVER

0003 = FREQUENT SORE THROAT

0004 = DIPHTHERIA AND SCARLET FEVER

0005 = DIPHTHERIA AND FREQUENT SORE THROAT

0006 = SCARLET FEVER AND FREQUENT SORE THROAT

0007 = DIPHTHERIA, SCARLET FEVER, AND FREQUENT

SORE THROAT  
9999 = UNKNOWN

MF9 HISTORY OF RHEUMATIC FEVER, EXAM 1  
0000 = NONE  
0001 = YES  
0008 = DOUBTFUL  
9999 = UNKNOWN

MF10 HISTORY OF ALLERGY OR ASTHMA, EXAM 1  
0000 = NEGATIVE  
0001 = ALLERGY, ALONE  
0002 = BRONCHIAL ASTHMA, ALONE  
0003 = ALLERGY AND ASTHMA, TOGETHER  
9999 = UNKNOWN

MF11 HISTORY OF CHRONIC ARTHRITIS AND RHEUMATISM, EXAM 1  
0000 = NO  
0001 = YES  
9999 = UNKNOWN

MF12 HISTORY OF THYROID DISEASE, EXAM 1  
0000 = NEGATIVE  
0001 = HYPERTHYROID ONLY  
0002 = HYPOTHYROID ONLY  
0003 = OTHER TYPE ONLY  
0004 = UNKNOWN TYPE  
0005 = HYPERTHYROID AND OTHER TYPE  
0006 = HYPOTHYROID AND OTHER TYPE  
0008 = DOUBTFUL  
9999 = UNKNOWN

MF13 HISTORY OF HYPERTENSION, EXAM 1  
0000 = NEGATIVE  
0001 = TRANSIENT  
0002 = PERMANENT  
0003 = TYPE UNKNOWN  
0008 = DOUBTFUL  
9999 = UNKNOWN

MF14 HISTORY OF ENLARGED HEART, EXAM 1  
0000 = NO  
0001 = YES  
9999 = UNKNOWN

MF15 HISTORY OF NERVOUS HEART, EXAM 1  
0000 = NO  
0001 = YES  
9999 = UNKNOWN

MF16 HISTORY OF PERICARDITIS, EXAM 1  
0000 = NO  
0001 = YES  
9999 = UNKNOWN

MF17 HISTORY OF SUBACUTE ENDOCARDITIS, EXAM 1  
0000 = NO  
0001 = YES  
9999 = UNKNOWN

MF18 HISTORY OF OTHER CARDIOVASCULAR DISEASE, EXAM 1  
0000 = NO  
0001 = YES  
9999 = UNKNOWN

MF19 HISTORY OF NON-CARDIOVASCULAR DISEASE, EXAM 1  
(PETPIC ULGER, CHRONIC COLITIS, KINDNEY DISEASE)  
0000 = NEGATIVE  
0001 = PETPIC ULGER  
0002 = CHRONIC COLITIS  
0003 = KINDNEY DISEASE  
0004 = ULGER AND COLITIS  
0005 = ULGER AND KINDNEY DISEASE  
0006 = COLITIS AND KINDNEY DISEASE  
0007 = ULGER, KINDNEY DISEASE, AND COLITIS  
0008 = DOUBTFUL  
9999 = UNKNOWN

MF20 NUMBER OF PREGNANCIES, EXAM 1  
0000 = MAN, SINGLE WOMAN, OR NO PREGNANCIES FOR  
NON-SINGLE WOMAN  
0001-0007 = NUMBER OF PREGNANCIES REPORTED  
0008 = EIGHT OR MORE PREGNANCIES  
9999 = UNKNOWN  
*MF20 modified, 5 = 5 or more pregnancies to preserve confidentiality*

MF21 TOXEMIA WITH ONE OR MORE PREGNANCIES, EXAM 1  
0000 = NO  
0001 = YES  
0009 = MAN, SINGLE WOMAN, OR NO PREGNANCIES FOR  
NON-SINGLE WOMAN

MF22 HISTORY OF DRUGS TAKEN: DIGITALIS OR NITRITES, EXAM 1  
0000 = NEGATIVE  
0001 = DIGITALIS, ALONE  
0002 = NITRITES, ALONE  
0003 = DIGITALIS AND NITRITES  
9999 = UNKNOWN

MF23                    EXAMINATION:   INCREASE IN CHEST CIRCUMFERENCE, INCHES, EXAM 1  
                         0000 =   LESS THAN 0.5  
                         0001 =   0.5--0.9  
                         0002 =   1.0--1.4  
                         0003 =   1.5--1.9  
                         0004 =   2.0--2.4  
                         0005 =   2.5--2.9  
                         0006 =   3.0--3.4  
                         0007 =   3.5--3.9  
                         0008 =   4.0 OR OVER  
                         9999 =   UNKNOWN

MF24                    EYE EXAMINATION:   EXOPHTHALMOS, ARCUS SENILIS, XANTHELASMA,  
                         EXAM 1  
                         0000 =   NONE OF THESE  
                         0001 =   EXOPHTHALMOS, ALONE  
                         0002 =   ARCUS SENILIS, ALONE  
                         0003 =   XANTHELASMA, ALONE  
                         0004 =   EXOPHTHALMOS AND ARCUS SENILIS  
                         0005 =   ARCUS SENILIS AND XANTHELASMA  
                         0006 =   XANTHELASMA AND EXOPHTHALMOS  
                         0007 =   ALL THREE OF THESE  
                         9999 =   UNKNOWN

MF25                    EYE EXAMINATION:   RETINA, EXAM 1  
                         0000 =   NORMAL  
                         0001 =   ABNORMAL, GROUP I  
                         0002 =   ABNORMAL, GROUP II  
                         0003 =   ABNORMAL, GROUP III  
                         0004 =   ABNORMAL, GROUP IV  
                         0005 =   ABNORMAL, GROUP UNSPECIFIED  
                         9999 =   UNKNOWN

MF26                    CHEST EXAMINATION:   DEFORMITY, EXAM 1  
                         0000 =   NO  
                         0001 =   YES  
                         9999 =   UNKNOWN

MF27                    CHEST EXAMINATION:   APEX IMPULSE OUTSIDE MIDCLAVICULAR  
                         LINE, EXAM 1  
                         0000 =   NO  
                         0001 =   YES  
                         9999 =   UNKNOWN

MF28                    CHEST EXAMINATION:   RALES, EXAM 1  
                         0000 =   NO  
                         0001 =   YES  
                         9999 =   UNKNOWN

MF29                    CHEST EXAMINATION:   IRREGULAR CARDIAC RHYTHM, EXAM 1  
                         0000 =   NO

0001 = YES  
9999 = UNKNOWN

MF30 X-RAY: GENERALIZED HYPERTROPHY, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN

MF31 X-RAY: LEFT VENTRICULAR HYPERTROPHY, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN

MF32 X-RAY: OTHER HYPERTROPHY (AH, RVH), EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN

MF33 X-RAY: ABNORMAL CONTOUR OTHER THAN HYPERTROPHY, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN

MF34 X-RAY: ABNORMAL GREAT VESSELS, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN

MF35 X-RAY: ABNORMAL POSITION, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN

MF36 X-RAY: ABNORMAL CALCIFICATION EXCEPT IN AORTA, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN

MF37 X-RAY: OTHER CARDIOVASCULAR ABNORMALITIES, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL

9999 = UNKNOWN

MF38 X-RAY: NON-CARDIOVASCULAR ABNORMALITIES, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN

MF39 ECG: GENERAL DIAGNOSIS, EXAM 1  
0000 = NORMAL  
0001 = ABNORMAL, DEFINITE  
0002 = ABNORMAL, DOUBTFUL  
0003 = NORMAL EXCEPT PREMATURE BEATS

MF40 ECG: ATRIOVENTRICULAR BLOCK, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL

MF41 ECG: AURICULAR FIBRILLATION OR FLUTTER, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE

MF42 ECG: PREMATURE BEATS, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL

MF43 ECG: MYOCARDIAL INFARCTION, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL

MF44 ECG: VENTRICULAR HYPERTROPHY OR STRAIN, EXAM 1  
0000 = NO  
0001 = LVH, DEFINITE  
0002 = LVH, DOUBTFUL  
0003 = RVH, DEFINITE

MF45 ECG: NON-SPECIFICALLY ABNORMAL, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE

MF46 ECG: OTHER ABNORMALITY, EXAM 1  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL (INCLUDES DOUBTFUL NON-SPECIFIC  
ABNORMALITY)

MF47                   FINAL DIAGNOSTIC IMPRESSION:   CONGESTIVE HEART FAILURE,  
EXAM 1  
                  0000 =   NO  
                  0001 =   YES, DEFINITE  
                  0002 =   YES, DOUBTFUL  
*MF47 deleted, redundant, use most recent "SOE" file*

MF48                   URINALYSIS:   SUGAR, EXAM 1  
                  0000 =   NEGATIVE  
                  0001 =   POSITIVE  
                  0002 =   TRACE OR DOUBTFUL  
                  9999 =   UNKNOWN

MF49                   URINALYSIS:   ALBUMIN, EXAM 1  
                  0000 =   NEGATIVE  
                  0001 =   POSITIVE  
                  0002 =   TRACE OR DOUBTFUL  
                  9999 =   UNKNOWN

MF50                   FINAL DIAGNOSTIC IMPRESSION:   DIABETES, EXAM 1  
                  0000 =   NO  
                  0001 =   YES  
*MF50 deleted, redundant, use most recent "diabetes" file*

MF51                   FINAL DIAGNOSTIC IMPRESSION:   ANEMIA, EXAM 1  
                  0000 =   NO  
                  0001 =   YES

MF52                   FINAL DIAGNOSTIC IMPRESSION:   THYROID DISEASE, EXAM 1  
                  0000 =   NO  
                  0001 =   YES

MF53                   FINAL DIAGNOSTIC IMPRESSION:   VARICOSE VEINS OR  
CHRONIC PHLEBITIS, EXAM 1  
                  0000 =   NO  
                  0001 =   YES

MF54                   FINAL DIAGNOSTIC IMPRESSION:   OTHER PERIPHERAL VASCULAR  
DISEASE, EXAM 1  
                  0000 =   NO  
                  0001 =   YES

MF55                   FINAL DIAGNOSTIC IMPRESSION:   LIVER DISEASE, EXAM 1  
                  0000 =   NO  
                  0001 =   YES

MF56                   BLOOD PRESSURE:   ADMISSION, SYSTOLIC, EXAM 1



	0080-0278	KNOWN, IN MM HG
	9999 =	UNKNOWN
MF57	BLOOD PRESSURE: ADMISSION, DIASTOLIC, EXAM 1	
	0040-0154	KNOWN, IN MM HG
	9999 =	UNKNOWN
MF58	BLOOD PRESSURE: FIRST EXAMINER, SYSTOLIC, EXAM 1	
	82-300	KNOWN, IN MM HG
MF59	BLOOD PRESSURE: FIRST EXAMINER, DIASTOLIC, EXAM 1	
	0050-0160	KNOWN IN MM HG
MF60	BLOOD PRESSURE: SECOND EXAMINER, SYSTOLIC, EXAM 1	
	0080-0278	KNOWN, IN MM HG
	9999 =	UNKNOWN
MF61	BLOOD PRESSURE: SECOND EXAMINER, DIASTOLIC, EXAM 1	
	0050-0170	KNOWN, IN MM HG
	9999 =	UNKNOWN
MF62	BLOOD ANALYSIS: SERUM CHOLESTEROL, EXAM 1	
	0096-0503	KNOWN, IN MG/100 ML
	9999 =	UNKNOWN
MF63	BLOOD ANALYSIS: HEMOGLOBIN, EXAM 1	
	0070-0187	KNOWN, IN DECIGRAMS/100 ML
	9999 =	UNKNOWN
MF64	BLOOD ANALYSIS: PHOSPHOLIPID, EXAM 1	
	0066-0592	KNOWN, IN MG/100 ML
	9999 =	UNKNOWN
MF65	BLOOD ANALYSIS: SUGAR, EXAM 1	
	0039-0420	KNOWN, IN MG/100 ML
	9999 =	UNKNOWN
MF66	BLOOD ANALYSIS: URIC ACID, EXAM 1	
	0005-0104	KNOWN, IN MG/100 ML TO ONE DECIMAL
	9999 =	UNKNOWN
MF67	HEIGHT: FULL INCHES, EXAM 1	
	0051-0076	KNOWN, IN INCHES
	9999 =	UNKNOWN





MF77 OTHER TOBACCO USED  
 0000 = NO FORM OF TOBACCO USED OTHER THAN THE SMOKING  
 OF CIGARETTES, CIGARS, OR PIPES  
 0001 = SOME FORM OF TOBACCO USED OTHER THAN THE  
 SMOKING OF CIGARETTES, CIGARS, OR PIPES  
 9999 = TOBACCO USED "EVER" BUT NOT "NOW";  
 TOBACCO USED "NOW" BUT NO DETAILS;  
 TOBACCO NEVER USED;  
 TOBACCO NOT BEING USED (INFORMATION FROM FORM  
 OTHER THAN FORM 8/50);  
 TOBACCO USE ENTIRELY UNKNOWN

MF78 ALCOHOL CONSUMED, EXAM 2  
 0000 = NONE  
 0001 = ONE OUNCE PER MONTH OR LESS, BUT NOT NONE  
 0002-0360 KNOWN, IN OUNCES PER MONTH  
 9999 = UNKNOWN  
 9997 = DID NOT TAKE EXAM 2

MF79 MARITAL STATUS, EXAM 1  
 0001 = SINGLE  
 0002 = MARRIED TO S OR SX PERSON (STUDY SUBJECT)  
 0003 = MARRIED TO SR PERSON (SAMPLE NON-RESPONDENT)  
 0004 = MARRIED TO NS PERSON (SAMPLE RESPONDENT LATER  
 DECLARED UNDER-AGE OR OVER-AGE)  
 0005 = WIDOWED  
 0006 = DIVORCED OR SEPARATED

MF80 MEDIAN WEIGHT  
 0126-0192 KNOWN, IN POUNDS  
 9999 = UNKNOWN

MF81 BIRTH DATE: MONTH  
 0001 = JANUARY 0007 = JULY  
 0002 = FEBRUARY 0008 = AUGUST  
 0003 = MARCH 0009 = SEPTEMBER  
 0004 = APRIL 0010 = OCTOBER  
 0005 = MAY 0011 = NOVEMBER  
 0006 = JUNE 0012 = DECEMBER  
 MF81 deleted, redundant, use most recent "basic" file  
 MF81 deleted to preserve confidentiality

MF82 BIRTH DATE: YEAR  
 1887-1921 YEAR OF BIRTH  
 MF82 deleted, redundant, use most recent "basic" file  
 MF82 deleted to preserve confidentiality

MF83 RELATIVE WEIGHT, EXAM 2  
 0059-0226 KNOWN, IN PERCENT  
 9999 = UNKNOWN  
 9997 = DID NOT TAKE EXAM 2

MF84                   X-RAY:   GENERALIZED CARDIAC ENLARGEMENT, EXAM 2  
                      0000 = NO  
                      0001 = YES, DEFINITE  
                      0002 = YES, DOUBTFUL  
                      9999 = UNKNOWN  
                      9997 = DID NOT TAKEN EXAM 2

MF85                   X-RAY:   LEFT VENTRICULAR HYPERTROPHY, EXAM 2  
                      0000 = NO  
                      0001 = YES, DEFINITE  
                      0002 = YES, DOUBTFUL  
                      9999 = UNKNOWN  
                      9997 = DID NOT TAKEN EXAM 2

MF86                   X-RAY:   OTHER ENLARGEMENT, EXAM 2  
                      0000 = NO  
                      0001 = YES, DEFINITE  
                      0002 = YES, DOUBTFUL  
                      9999 = UNKNOWN  
                      9997 = DID NOT TAKE EXAM 2

MF87                   X-RAY:   OTHER ABNORMAL CONTOUR, EXAM 2  
                      0000 = NO  
                      0001 = YES, DEFINITE  
                      0002 = YES, DOUBTFUL  
                      9999 = UNKNOWN  
                      9997 = DID NOT TAKE EXAM 2

MF88                   X-RAY:   AORTA TORTUOUS OR CALCIFIED, EXAM 2  
                      0000 = NO  
                      0001 = TORTUOUS, DEFINITE  
                      0002 = TORTUOUS, DOUBTFUL  
                      0003 = CALCIFIED, DEFINITE  
                      0004 = CALCIFIED, DOUBTFUL  
                      0005 = TORTUOUS AND CALCIFIED, DEFINITE  
                      0006 = TORTUOUS AND CALCIFIED, DOUBTFUL  
                      0007 = TORTUOUS DEFINITE AND CALCIFIED DOUBTFUL  
                      0008 = TORTUOUS DOUBTFUL AND CALCIFIED DEFINITE  
                      9999 = UNKNOWN  
                      9997 = DID NOT TAKE EXAM 2

MF89                   X-RAY:   OTHER ABNORMALITIES OF GREAT VESSELS, EXAM 2  
                      0000 = NO  
                      0001 = YES, DEFINITE  
                      0002 = YES, DOUBTFUL  
                      9999 = UNKNOWN  
                      9997 = DID NOT TAKE EXAM 2

MF90                   X-RAY:   ABNORMAL POSITION, EXAM 2  
                      0000 = NO

0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF91 X-RAY: CALCIFICATION OTHER THAN AORTIC, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF92 X-RAY: NON-CARDIOVASCULAR ABNORMALITIES, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF93 ECG: GENERAL IMPRESSION, EXAM 2  
0000 = NORMAL  
0001 = ABNORMAL DEFINITELY  
0002 = ABNORMAL DOUBTFULLY  
0003 = NORMAL EXCEPT FOR PREMATURE BEATS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF94 ECG: ATRIOVENTRICULAR BLOCK, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF95 ECG: INTRAVENTRICULAR BLOCK, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF96 ECG: INCOMPLETE BUNDLE BRANCH BLOCK, EXAM 2  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF97 ECG: LEFT VENTRICULAR HYPERTROPHY, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE

0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF98 ECG: PREMATURE BEATS, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF99 ECG: AURICULAR FIBRILLATION, EXAM 2  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF100 ECG: NON-SPECIFIC ABNORMALITY, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF101 ECG: MYOCARDIAL INFARCTION, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF102 ECG: RIGHT VENTRICULAR HYPERTROPHY, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF103 ECG: PR INTERVAL UNDER 0.12 SECOND, EXAM 2  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF104 ECG: OTHER ARRHYTHMIAS, EXAM 2  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF105                    ECG:   OTHER ABNORMALITY, EXAM 2  
                          0000 =   NO  
                          0001 =   YES, DEFINITE  
                          0002 =   YES, DOUBTFUL  
                          9999 =   UNKNOWN  
                          9997 =   DID NOT TAKE EXAM 2

MF106                    URINALYSIS:   SUGAR, EXAM 2  
                          0000 =   NEGATIVE  
                          0001 =   POSITIVE  
                          0002 =   DOUBTFUL OR TRACE  
                          9999 =   UNKNOWN  
                          9997 =   DID NOT TAKE EXAM 2

MF107                    URINALYSIS:   ALBUMIN, EXAM 2  
                          0000 =   NEGATIVE  
                          0001 =   POSITIVE  
                          0002 =   DOUBTFUL OR TRACE  
                          9999 =   UNKNOWN  
                          9997 =   DID NOT TAKE EXAM 2

MF108                    INTERIM HISTORY OF ACUTE INFECTIONS:   FIVE OR MORE  
                          UPPER RESPIRATORY INFECTIONS PER YEAR, EXAM 2  
                          0000 =   NO  
                          0001 =   YES  
                          9999 =   UNKNOWN  
                          9997 =   DID NOT TAKE EXAM 2

MF109                    INTERIM HISTORY OF ACUTE INFECTIONS:   THREE OR MORE  
                          SEVERE SORE THROATS, EXAM 2  
                          0000 =   NO  
                          0001 =   YES  
                          9999 =   UNKNOWN  
                          9997 =   DID NOT TAKE EXAM 2

MF110                    INTERIM HISTORY OF ACUTE INFECTIONS:   LA GRIPPE, EXAM 2  
                          0000 =   NO  
                          0001 =   YES  
                          9999 =   UNKNOWN  
                          9997 =   DID NOT TAKE EXAM 2

MF111                    INTERIM HISTORY OF ACUTE INFECTIONS:   GASTROENTERITIS, EXAM 2  
                          0000 =   NO  
                          0001 =   YES  
                          9999 =   UNKNOWN  
                          9997 =   DID NOT TAKE EXAM 2

MF112                    INTERIM HISTORY OF ACUTE INFECTIONS:   OTHER SIGNIFICANT  
                          INFECTIONS, EXAM 2



0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF113 INTERIM HISTORY OF ACUTE INFECTIONS: INSIGNIFICANT  
UPPER RESPIRATORY INFECTION OR SORE THROAT, EXAM 2  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF114 EXAMINER'S OPINION: RHEUMATIC FEVER IN INTERIM, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0003 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF115 EXAMINER'S OPINION: ARTHRITIS IN INTERIM, EXAM 2  
0000 = NO  
0001 = YES, RHEUMATOID ARTHRITIS  
0002 = YES, DEGENERATIVE ARTHRITIS  
0003 = YES, DOUBTFUL ARTHRITIS ANY TYPE  
0004 = YES, GOUTY ARTHRITIS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF116 INTERIM HISTORY OF THYROID DISEASE, EXAM 2  
0000 = NONE  
0001 = HYPERTHYROID  
0002 = HYPOTHYROID  
0003 = OTHER TYPE  
0004 = TYPE UNKNOWN  
0005 = DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF117 INTERIM HISTORY OF NERVOUS HEART, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0003 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF118 INTERIM HISTORY OF PEPTIC ULCER, EXAM 2  
0000 = NONE  
0001 = NEW DIAGNOSIS  
0002 = RECURRENCE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF119 INTERIM HISTORY OF KIDNEY DISEASE, EXAM 2  
0000 = NONE  
0001 = NEW DIAGNOSIS  
0002 = RECURRENCE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF120 INTERIM HISTORY OF PREGNANCY, EXAM 2  
0000 = MAN, SINGLE WOMAN, OR NO PREGNANCY  
0001 = ONE OR MORE PREGNANCIES WITHOUT TOXEMIA  
0002 = ONE OR MORE PREGNANCIES WITH TOXEMIA  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2  
*MF120 modified, 5 = 5 or more pregnancies  
to preserve confidentiality*

MF121 INTERIM HISTORY OF MENOPAUSE, EXAM 2  
0000 = NOT IN MENOPAUSAL STATE  
0001 = NATURAL MENOPAUSE  
0002 = ARTIFICIAL MENOPAUSE  
0003 = IN PAST MENOPAUSAL STATE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2  
*MF121 deleted, redundant, use most recent "menopause" file*

MF122 INTERIM HISTORY OF DIET RESTRICTION, EXAM 2  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF123 FINAL DIAGNOSTIC IMPRESSION: CHEST DEFORMITIES, EXAM 2  
0000 = NO  
0001 = YES  
UNKNOWN - NONE  
9997 = DID NOT TAKE EXAM 2

MF124 FINAL DIAGNOSTIC IMPRESSION: PHLEBITIS (ACUTE OR  
CHRONIC), EXAM 2  
0000 = NO  
0001 = YES  
9997 = DID NOT TAKE EXAM 2

MF125 FINAL DIAGNOSTIC IMPRESSION: VARICOSE VEINS, EXAM 2  
0000 = NO  
0001 = YES  
9997 = DID NOT TAKE EXAM 2

MF126                   FINAL DIAGNOSTIC IMPRESSION:   MITRAL REGURGITATION  
OR STENOSIS, EXAM 2  
      0000 = NO  
      0001 = REGURGITATION, ALONE  
      0002 = STENOSIS, ALONE  
      0003 = REGURGITATION AND STENOSIS  
      9997 = DID NOT TAKE EXAM 2

MF127                   FINAL DIAGNOSTIC IMPRESSION:   AORTIC REGURGITATION  
OR STENOSIS, EXAM 2  
      0000 = NO  
      0001 = REGURGITATION, ALONE  
      0002 = STENOSIS, ALONE  
      0003 = REGURGITATION AND STENOSIS  
      9997 = DID NOT TAKE EXAM 2  
\*\*\*Version 5: 3-13-2009   changed 0000 = REGURGITATION AND STENOSIS TO  
                          0003 = REGURGITATION AND STENOSIS

MF128                   FINAL DIAGNOSTIC IMPRESSION: CONGESTIVE HEART FAILURE, EXAM 2  
      0000 = NO  
      0001 = YES, DEFINITE  
      0002 = YES, DOUBTFUL  
      9997 = DID NOT TAKE EXAM 2  
*MF128 deleted, redundant, use most recent "SOE" file*

MF129                   INTERIM HISTORY OF DRUGS TAKEN:   DIGITALIS, EXAM 2  
      0000 = NO  
      0006 = YES  
      9999 = UNKNOWN  
      9997 = DID NOT TAKE EXAM 2

MF130                   INTERIM HISTORY OF DRUGS TAKEN:   HORMONES, EXAM 2  
      0000 = NO  
      0001 = YES  
      9999 = UNKNOWN - NONE  
      9997 = DID NOT TAKE EXAM 2

MF131                   INTERIM HISTORY OF STIMULANTS USED:   SIX OR MORE  
CUPS OF COFFEE OR TEA PER DAY, EXAM 2  
      0000 = NO  
      0006 = YES  
      9999 = UNKNOWN  
      9997 = DID NOT TAKE EXAM 2

MF132                   EXAMINER'S OPINION:   NEUROCIRCULATORY ASTHENIA, EXAM 2  
      0005 = NO  
      0006 = YES, DEFINITE  
      0008 = YES, DOUBTFUL  
      9999 = UNKNOWN  
      9997 = DID NOT TAKE EXAM 2

MF133 HISTORY OF INFLUENZA IN FALL AND WINTER OF 1918-1919, EXAM 2  
0000 = NO  
0006 = YES, DEFINITE  
0008 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF134 LIFETIME HISTORY OF POLIOMYELITIS, EXAM 2  
0005 = NO  
0006 = YES, WITH NO RESIDUAL PARALYSIS  
0007 = YES, WITH RESIDUAL PARALYSIS  
0008 = DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF135 LIFETIME HISTORY OF ALLERGIES: HIVES, HAY FEVER,  
ASTHMA, EXAM 2  
0000 = NO  
0001 = HIVES, ALONE  
0002 = HAY FEVER, ALONE  
0003 = ASTHMA, ALONE  
0004 = HIVES AND HAY FEVER  
0005 = HAY FEVER AND ASTHMA  
0006 = ASTHMA AND HIVES  
0007 = HIVES, HAY FEVER, AND ASTHMA  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF136 LIFETIME HISTORY OF ALLERGIES: DRUG REACTION OR OTHER  
ALLERGY, EXAM 2  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF137 LIFETIME HISTORY OF PERNICIOUS ANEMIA, EXAM 2  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF138 LIFETIME HISTORY OF DIABETES, EXAM 2  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2  
*MF138 deleted, redundant, use most recent "diabetes" file*

MF139 LIFETIME HISTORY OF GALLBLADDER DISEASE, EXAM 2  
0000 = NO  
0001 = YES

9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF140 LIFETIME HISTORY OF CHRONIC PULMONARY DISEASE, EXAM 2  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF141 EYE EXAMINATION: XANTHELASMA, EXAM 2  
0005 = NO  
0006 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF142 EYE EXAMINATION: RETINAL GROUP, EXAM 2  
0000 = RETINA NORMAL  
0006 = RETINA GROUP I  
0007 = RETINA GROUP II OR GREATER  
0008 = ABNORMAL RETINA BUT GROUP NOT SPECIFIED  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF143 NECK EXAMINATION: THYROID ABNORMALITY, EXAM 2  
0000 = NONE  
0001 = SINGLE NODULE, BUT NOT DIFFUSE  
0002 = SINGLE NODULE AND SLIGHTLY DIFFUSE  
0003 = SINGLE NODULE AND MARKEDLY DIFFUSE  
0004 = MULTIPLE NODULES, BUT NOT DIFFUSE  
0005 = MULTIPLE NODULES AND SLIGHTLY DIFFUSE  
0006 = DIFFUSE, SLIGHT, WITHOUT NODULES  
0007 = DIFFUSE, MEDIUM OR MARKED, WITHOUT NODULES  
0008 = OTHER ABNORMALITY  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF144 CHEST EXAMINATION: DEPRESSED STERNUM, EXAM 2  
0000 = NO  
0006 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF145 CHEST EXAMINATION: INCREASED ANTEROPOSTERIOR DIAMETER,  
EXAM 2  
0000 = NO  
0006 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF146 CHEST EXAMINATION: KYPHOSIS AND/OR SCOLIOSIS, EXAM 2

0000 = NO  
0006 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF147 CHEST EXAMINATION: OTHER CHEST DEFORMITY, EXAM 2  
0000 = NO  
0006 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF148 CHEST EXAMINATION: BREATH SOUNDS, EXAM 2  
0000 = NORMAL  
0006 = ABNORMAL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF149 CHEST EXAMINATION: RALES, EXAM 2  
0000 = NO  
0006 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF150 CHEST EXAMINATION: OTHER LUNG ABNORMALITIES, EXAM 2  
0000 = NO  
0006 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF151 CHEST EXAMINATION: APICAL RATE, EXAM 2  
0000 = 60 TO 100 PER MINUTE  
0006 = LESS THAN 60 PER MINUTE  
0007 = MORE THAN 100 PER MINUTE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF152 CARDIAC EXAMINATION: THRILL, EXAM 2  
0005 = NO  
0006 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF153 VITAL CAPACITY, EXAM 2  
0005-0059 KNOWN, IN DECILITERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2  
*MF153 deleted, unreliable*

MF154 BLOOD PRESSURE: ADMISSION, SYSTOLIC, EXAM 2

	0080-0278	KNOWN, IN MM HG
	9999 =	UNKNOWN
	9997 =	DID NOT TAKE EXAM 2
MF155	BLOOD PRESSURE: ADMISSION, DIASTOLIC, EXAM 2	
	0040-0146	KNOWN, IN MM HG
	9999 =	UNKNOWN
	9997 =	DID NOT TAKE EXAM 2
MF156	BLOOD PRESSURE: FIRST EXAMINER, SYSTOLIC, EXAM 2	
	0080-0280	KNOWN, IN MM HG
		UNKNOWN- NONE
	9997 =	DID NOT TAKE EXAM 2
MF157	BLOOD PRESSURE: FIRST EXAMINER, DIASTOLIC, EXAM 2	
	0020-0149	KNOWN, IN MM HG
		UNKNOWN- NONE
	9997 =	DID NOT TAKE EXAM 2
MF158	BLOOD PRESSURE: SECOND EXAMINER, SYSTOLIC, EXAM 2	
	0075-0290	KNOWN, IN MM HG
	9999 =	UNKNOWN
	9997 =	DID NOT TAKE EXAM 2
MF159	BLOOD PRESSURE: SECOND EXAMINER, DIASTOLIC, EXAM 2	
	0040-0160	KNOWN, IN MM HG
	9999 =	UNKNOWN
	9997 =	DID NOT TAKE EXAM 2
MF160	BLOOD ANALYSIS: SERUM CHOLESTEROL, EXAM 2	
	0115-0568	KNOWN, IN MG/100 ML
	9999 =	UNKNOWN
	9997 =	DID NOT TAKE EXAM 2
MF161	BLOOD ANALYSIS: HEMOGLOBIN, EXAM 2	
	0080-0190	KNOWN, IN DECIGRAMS/100 ML
	9999 =	UNKNOWN
	9997 =	DID NOT TAKE EXAM 2
MF162	BLOOD ANALYSIS: PHOSPHOLIPID, EXAM 2	
	0062-0685	KNOWN, IN MG/100 ML
	9999 =	UNKNOWN
	9997 =	DID NOT TAKE EXAM 2
MF163	BLOOD ANALYSIS: FROZEN BLOOD USED FOR PHOSPHOLIPID, EXAM 2	
	0000 =	NO
	0001 =	YES
	9999 =	PHOSPHOLIPID ANALYSIS NOT MADE

9997 = DID NOT TAKE EXAM 2

MF164 BLOOD ANALYSIS: SUGAR, EXAM 2  
0033-0524 KNOWN, IN MG/100 ML  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF165 BLOOD ANALYSIS: URIC ACID, EXAM 2  
0014-0097 KNOWN, IN MG/100 ML TO ONE DECIMAL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF166 WEIGHT, EXAM 2  
0071-0305 KNOWN, IN POUNDS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF167 RELATIVE WEIGHT, EXAM 3  
0058-0222 KNOWN, IN PERCENT  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 3

MF168 BLOOD ANALYSIS: HEMOGLOBIN, EXAM 3  
0069-0193 KNOWN, IN DECIGRAMS/100 ML  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 3

MF169 BLOOD ANALYSIS: PHOSPHOLIPID, EXAM 3  
0070-0483 KNOWN, IN MG/100 ML  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 3

MF170 BLOOD ANALYSIS: SUGAR, EXAM 3  
0040-0386 KNOWN, IN MG/100 ML  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 3

MF171 BLOOD ANALYSIS: URIC ACID, EXAM 3  
0014-0102 KNOWN, IN MG/100 ML TO ONE DECIMAL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 3

MF172 URINALYSIS: SUGAR, EXAM 3  
0000 = NEGATIVE  
0001 = POSITIVE  
0002 = DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 3



MF173                    URINALYSIS:   ALBUMIN, EXAM 3  
                         0000 =   NEGATIVE  
                         0001 =   POSITIVE  
                         0002 =   DOUBTFUL  
                         9999 =   UNKNOWN  
                         9997 =   DID NOT TAKE EXAM 3

MF174                    BLOOD PRESSURE:   ADMISSION, SYSTOLIC, EXAM 3  
                         0088-0250   KNOWN, IN MM HG  
                         9999 =           UNKNOWN  
                         9997 =           DID NOT TAKE EXAM 3

MF175                    BLOOD PRESSURE:   ADMISSION, DIASTOLIC, EXAM 3  
                         0050-0140   KNOWN, IN MM HG  
                         9999 =           UNKNOWN  
                         9997 =           DID NOT TAKE EXAM 3

MF176                    BLOOD PRESSURE:   FIRST EXAMINER, SYSTOLIC, EXAM 3  
                         0082-0300   KNOWN, IN MM HG  
   UNKNOWN - NONE  
                         9997 =           DID NOT TAKE EXAM 3

MF177                    BLOOD PRESSURE:   FIRST EXAMINER, DIASTOLIC, EXAM 3  
                         0042-0150   KNOWN, IN MM HG  
   UNKNOWN - NONE  
                         9997 =           DID NOT TAKE EXAM 3

MF178                    BLOOD PRESSURE:   SECOND EXAMINER, SYSTOLIC, EXAM 3  
                         0085-0270   KNOWN, IN MM HG  
                         9999 =           UNKNOWN  
                         9997 =           DID NOT TAKE EXAM 3

MF179                    BLOOD PRESSURE:   SECOND EXAMINER, DIASTOLIC, EXAM 3  
                         0042-0170   KNOWN, IN MM HG  
                         9999 =           UNKNOWN  
                         9997 =           DID NOT TAKE EXAM 3

MF180                    WEIGHT, EXAM 3  
                         0068-0300   KNOWN, IN POUNDS  
                         9999 =           UNKNOWN  
                         9997 =           DID NOT TAKE EXAM 3

MF181                    VITAL CAPACITY, EXAM 3  
                         0007-0058   KNOWN, IN DECILITERS  
                         9999 =           UNKNOWN  
                         9997 =           DID NOT TAKE EXAM 3  
*MF181 deleted, data unreliable*

MF182                    BLOOD ANALYSIS:    SERUM CHOLESTEROL, EXAM 3  
                         0110-0600    KNOWN, IN MG/100 ML  
                         9999 =            UNKNOWN  
                         9997 =            DID NOT TAKE EXAM 3

MF183                    ECG:    GENERAL IMPRESSION, EXAM 3  
                         0000 =    NORMAL  
                         0001 =    ABNORMAL DEFINITELY  
                         0002 =    ABNORMAL DOUBTFULLY  
                         9997 =    DID NOT TAKE EXAM 3

MF184                    ECG:    MYOCARDIAL INFARCTION, EXAM 3  
                         0000 =    NO  
                         0001 =    YES, DEFINITE  
                         0002 =    YES, DOUBTFUL  
                         9997 =    DID NOT TAKE EXAM 3

MF185                    ECG:    LEFT VENTRICULAR HYPERTROPHY, EXAM 3  
                         0000 =    NO  
                         0001 =    YES, DEFINITE  
                         0002 =    YES, DOUBTFUL  
                         9997 =    DID NOT TAKE EXAM 3

MF186                    ECG:    INTRAVENTRICULAR BLOCK, EXAM 3  
                         0000 =    NO  
                         0001 =    YES, DEFINITE  
                         0002 =    YES, DOUBTFUL  
                         9997 =    DID NOT TAKE EXAM 3

MF187                    ECG:    ATRIOVENTRICULAR BLOCK, EXAM 3  
                         0000 =    NO  
                         0001 =    YES, DEFINITE  
                         0002 =    YES, DOUBTFUL  
                         9997 =    DID NOT TAKE EXAM 3

MF188                    ECG:    NON-SPECIFIC T-WAVE, EXAM 3  
                         0000 =    NO  
                         0001 =    YES, DEFINITE  
                         0002 =    YES, DOUBTFUL  
                         9997 =    DID NOT TAKE EXAM 3

MF189                    ECG:    ARRHYTHMIAS, EXAM 3  
                         0000 =    NO  
                         0001 =    YES, DEFINITE  
                         0002 =    YES, DOUBTFUL  
                         9997 =    DID NOT TAKE EXAM 3

MF190                    ECG:   INCOMPLETE BUNDLE BRANCH BLOCK, EXAM 3  
                         0000 =   NO  
                         0001 =   YES  
                         9997 =   DID NOT TAKE EXAM 3

MF191                    ECG:   RIGHT VENTRICULAR HYPERTROPHY, EXAM 3  
                         0000 =   NO  
                         0001 =   YES, DEFINITE  
                         0002 =   YES, DOUBTFUL  
                         9997 =   DID NOT TAKE EXAM 3

MF192                    ECG:   PR INTERVAL LESS THAN 0.12 SECOND, EXAM 3  
                         0000 =   NO  
                         0001 =   YES  
                         9997 =   DID NOT TAKE EXAM 3

MF193                    DIAGNOSIS:   RHEUMATIC FEVER OR CHOREA, EXAM 3  
                         0000 =   NO  
                         0001 =   YES, DEFINITE  
                         0002 =   YES, DOUBTFUL  
                         9999 =   UNKNOWN  
                         9997 =   DID NOT TAKE EXAM 3

MF194                    DIAGNOSIS:   CONGESTIVE HEART FAILURE, EXAM 3  
                         0000 =   NEGATIVE  
                         0001 =   DEFINITE  
                         0002 =   DOUBTFUL  
                         0003 =   DEFINITE PRIOR HISTORY, BUT NOT DEFINITE THIS EXAM  
                         0004 =   DOUBTFUL PRIOR HISTORY, BUT NOT DEFINITE OR  
                                            DOUBTFUL THIS EXAM  
                         0005 =   DEFINITE PRIOR HISTORY AND DOUBTFUL OCCURRENCE  
                                            SINCE LAST EXAM  
                         9999 =   UNKNOWN  
                         9997 =   DID NOT TAKE EXAM 3  
*MF194 deleted, redundant, use most recent "SOE" file*

MF195                    DIAGNOSIS:   NEUROCIRCULATORY ASTHENIA, EXAM 3  
                         0000 =   NO  
                         0001 =   YES, DEFINITE  
                         0002 =   YES, DOUBTFUL  
                         9999 =   UNKNOWN  
                         9997 =   DID NOT TAKE EXAM 3

MF196                    DIAGNOSIS:   FUNCTIONAL CLASS, EXAM 3  
                         0000 =   NO DEFINITE HEART DISEASE FOUND  
                         0001 =   CLASS I  
                         0002 =   CLASS II  
                         0003 =   CLASS III  
                         0004 =   CLASS IV  
                         9999 =   UNKNOWN  
                         9997 =   DID NOT TAKE EXAM 3

MF197           X-RAY:   ABNORMALITY OF GREAT VESSELS, EXAM 3  
              0000 = NO  
              0001 = YES, DEFINITE  
              0002 = YES, DOUBTFUL  
              9999 = UNKNOWN  
              9997 = DID NOT TAKE EXAM 3

MF198           X-RAY:   GENERALIZED CARDIAC ENLARGEMENT, EXAM 3  
              0000 = NO  
              0001 = YES, DEFINITE  
              0002 = YES, DOUBTFUL  
              9999 = UNKNOWN  
              9997 = DID NOT TAKE EXAM 3

MF199           X-RAY:   LEFT VENTRICULAR HYPERTROPHY, EXAM 3  
              0000 = NO  
              0001 = YES, DEFINITE  
              0002 = YES, DOUBTFUL  
              9999 = UNKNOWN  
              9997 = DID NOT TAKE EXAM 3

MF200           X-RAY:   OTHER ABNORMAL CONTOUR, EXAM 3  
              0000 = NO  
              0001 = YES, DEFINITE  
              0002 = YES, DOUBTFUL  
              9999 = UNKNOWN  
              9997 = DID NOT TAKE EXAM 3

MF201           X-RAY:   NON-CARDIOVASCULAR ABNORMALITY, EXAM 3  
              0000 = NO  
              0001 = YES, DEFINITE  
              0002 = YES, DOUBTFUL  
              9999 = UNKNOWN  
              9997 = DID NOT TAKE EXAM 3

MF202           BLOOD ANALYSIS:   STANDARD S   0-12 LIPOPROTEINS  
              0049-0676   KNOWN, IN MG/100 ML  
              9999 =           UNKNOWN

MF203           BLOOD ANALYSIS:   STANDARD S   12-20 LIPOPROTEINS  
              0009-0392   KNOWN, IN MG/100 ML  
              9999 =           UNKNOWN

MF204           BLOOD ANALYSIS:   STANDARD S   20-100 LIPOPROTEINS  
              0004-0573   KNOWN, IN MG/100 ML  
              9999 =           UNKNOWN

MF205                    BLOOD ANALYSIS:   STANDARD S   100-400 LIPOPROTEINS  
                          0001-0934   KNOWN, IN MG/100 ML  
                          9999 =                    UNKNOWN

MF206                    BLOOD ANALYSIS:   ATHEROGENIC INDEX  
                          0016-0277   KNOWN, IN MG/100 ML  
                          9999 =                    UNKNOWN

MF207                    RELATIVE WEIGHT, EXAM 4  
                          0062-0222   KNOWN, IN PERCENT  
                          9999 =                    UNKNOWN  
                          9997 =                    DID NOT TAKE EXAM 4

MF208                    BLOOD ANALYSIS:   SERUM CHOLESTEROL, EXAM 4  
                          0126-0545   KNOWN, IN MG/100 ML  
                          9999 =                    UNKNOWN  
                          9997 =                    DID NOT TAKE EXAM 4

MF209                    BLOOD ANALYSIS:   HEMOGLOBIN, EXAM 4  
                          0068-0193   KNOWN, IN DECIGRAMS/100 ML  
                          9999 =                    UNKNOWN  
                          9997 =                    DID NOT TAKE EXAM 4

MF210                    BLOOD ANALYSIS:   PHOSPHOLIPID, EXAM 4  
                          0144-0568   KNOWN, IN MG/100 ML  
                          9999 =                    UNKNOWN  
                          9997 =                    DID NOT TAKE EXAM 4

MF211                    BLOOD ANALYSIS:   SUGAR, EXAM 4  
                          0037-0483   KNOWN, IN MG/100 ML  
                          9999 =                    UNKNOWN  
                          9997 =                    DID NOT TAKE EXAM 4

MF212                    BLOOD ANALYSIS:   URIC ACID, EXAM 4  
                          0016-0095   KNOWN, IN MG/100 ML TO ONE DECIMAL  
                          9999 =                    UNKNOWN  
                          9997 =                    DID NOT TAKE EXAM 4

MF213                    BLOOD ANALYSIS:   HEMATOCRIT, EXAM 4  
                          0027-0065   KNOWN, IN PERCENT  
                          9999 =                    UNKNOWN  
                          9997 =                    DID NOT TAKE EXAM 4

MF214                    URINALYSIS:   SUGAR, EXAM 4  
                          0000 =   NEGATIVE  
                          0001 =   POSITIVE  
                          0002 =   DOUBTFUL  
                          9999 =   UNKNOWN

9997 = DID NOT TAKE EXAM 4

MF215 VITAL CAPACITY, EXAM 4  
0005-0061 KNOWN, IN DECILITERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4  
*MF215 deleted, data unreliable*

MF216 WEIGHT, EXAM 4  
0073-0300 KNOWN, IN POUNDS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF217 STANDING HEIGHT: FULL INCHES, EXAM 4  
0051-0076 KNOWN, IN INCHES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF218 STANDING HEIGHT: IN EXCESS OF FULL INCHES, EXAM 4  
0000 = LESS THAN ONE-QUARTER INCH  
0025 = BETWEEN ONE-QUARTER AND ONE-HALF INCH  
0050 = BETWEEN ONE-HALF AND THREE-QUARTERS INCH  
0075 = THREE-QUARTERS INCH OR MORE, BUT LESS THAN ONE  
FULL INCH  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF219 SITTING HEIGHT, EXAM 4  
0255-0400 KNOWN, IN INCHES TO ONE DECIMAL (.0 OR .5)  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF220 HAND GRIP, EXAM 4  
0003-0078 KNOWN, IN KILOGRAMS MEASURED ON DYNAMOMETER  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF221 GIRTH: MIDDLE UPPER ARM, EXAM 4  
0148-0470 KNOWN, IN MILLIMETERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF222 GIRTH: WRIST, EXAM 4  
0125-0320 KNOWN, IN MILLIMETERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF223 GIRTH: WAIST, EXAM 4

0584-1700 KNOWN, IN MILLIMETERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF224 SKINFOLD: BACK, EXAM 4  
0004-0053 KNOWN, IN MILLIMETERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4  
*MF224 deleted, unreliable*

MF225 SKINFOLD: ARM, EXAM 4  
0003-0061 KNOWN, IN MILLIMETERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4  
*MF225 deleted, unreliable*

MF226 SKINFOLD: CHEST, EXAM 4  
0003-0032 KNOWN, IN MILLIMETERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4  
*MF226 deleted, unreliable*

MF227 SKINFOLD: ABDOMEN, EXAM 4  
0003-0068 KNOWN, IN MILLIMETERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4  
*MF227 deleted, unreliable*

MF228 SKINFOLD: THIGH, EXAM 4  
0003-0061 KNOWN, IN MILLIMETERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4  
*MF228 deleted, unreliable*

MF229 INTERIM HISTORY OF HEAD COLDS AND OTHER UPPER RESPIRATORY  
INFECTIONS PER YEAR, EXAM 4  
0000 = NONE  
0001 = ONE TO THREE  
0002 = FOUR  
0003 = FIVE  
0004 = SIX  
0005 = SEVEN OR MORE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF230 INTERIM HISTORY OF SEVERE SORE THROATS, EXAM 4  
0000 = NONE  
0001 = ONE  
0002 = TWO  
0003 = THREE  
0004 = FOUR

0005 = FIVE OR MORE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF231 INTERIM HISTORY OF OTHER INFECTIONS, EXAM 4  
0000 = NONE  
0001 = ONE OR MORE EXCEPT ASIAN FLU  
0002 = ASIAN FLU  
0003 = ASIAN FLU AND OTHER  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF232 EXAMINER'S OPINION: RHEUMATIC FEVER, EXAM 4  
0000 = NO  
0001 = YES  
0002 = DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF233 EXAMINER'S OPINION: ARTHRITIS, EXAM 4  
0000 = NO  
0001 = RHEUMATOID  
0002 = HYPERTROPHIC  
0003 = GOUT  
0004 = OTHER TYPE, UNKNOWN TYPE, OR RHEUMATOID AND  
HYPERTROPHIC  
0005 = GOUT AND RHEUMATOID  
0006 = GOUT AND HYPERTROPHIC  
0008 = DOUBTFUL, ANY TYPE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF234 INTERIM HISTORY OF THYROID DISEASE, EXAM 4  
0000 = NONE  
0001 = HYPERTHYROIDISM  
0002 = HYPOTHYROIDISM  
0003 = OTHER OR UNKNOWN TYPE  
0004 = COMBINATION OF TYPES  
0005 = DOUBTFUL, ANY TYPE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF235 INTERIM HISTORY OF DIABETES, EXAM 4  
0000 = NONE  
0001 = PRESENT  
0002 = DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4  
*MF235 deleted, redundant, use most recent "diabetes" file*

MF236 INTERIM HISTORY OF KIDNEY DISEASE, EXAM 4



0000 = NONE  
0001 = NEW DIAGNOSIS  
0002 = RECURRENCE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF237 INTERIM HISTORY OF PREGNANCIES, EXAM 4  
0000 = NONE  
0001 = ONE OR MORE WITHOUT TOXEMIA  
0002 = ONE OR MORE WITH TOXEMIA  
0003 = ONE WITHOUT TOXEMIA AND ONE WITH TOXEMIA  
9999 = UNKNOWN  
1000 MAN  
0005 = MAN  
9997 = DID NOT TAKE EXAM 4  
\*\*\*Version 1: 08-22-2007  
added 0005 = as a valid code

MF238 INTERIM HISTORY OF MENOPAUSE, EXAM 4  
0000 = NOT DURING INTERIM  
0001 = SYMPTOMS PRESENT  
0002 = ARTIFICIAL  
0003 = BOTH ARTIFICIAL AND SYMPTOMS PRESENT  
9999 = UNKNOWN  
1000 = MAN  
9997 = DID NOT TAKE EXAM 4  
*MF238 deleted, redundant, use most recent "menopause" file*

MF239 AGE AT WHICH MENSES CEASED, EXAM 4  
0000 = NOT CEASED  
0016-0059 KNOWN, IN YEARS  
9999 = UNKNOWN  
1000 = MAN  
9997 = DID NOT TAKE EXAM 4  
*MF239 deleted, redundant, use most recent "menopause" file*

MF240 INTERIM HISTORY OF CALORIC RESTRICTION AND DIET, EXAM 4  
0000 = NONE  
0001 = CALORIC RESTRICTION NOT PRESCRIBED  
0002 = FOLLOWED PRESCRIBED DIET  
0003 = BOTH PRESCRIBED DIET AND CALORIC RESTRICTION NOT  
PRESCRIBED  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF241 INTERIM HISTORY OF PERSISTENT COUGH, EXAM 4  
0000 = NONE  
0001 = PRESENT  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF242 INTERIM HISTORY OF PEPTIC ULCER, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF243 INTERIM HISTORY OF GALLBLADDER DISEASE, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF244 INTERIM HISTORY OF ALLERGIES: HAY FEVER, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF245 INTERIM HISTORY OF ALLERGIES: HIVES, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF246 INTERIM HISTORY OF ALLERGIES: ASTHMA, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF247 INTERIM HISTORY OF ALLERGIES: DRUG REACTION, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF248 INTERIM HISTORY OF ALLERGIES: OTHER, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF249 INTERIM HISTORY OF DRUGS TAKEN: DIGITALIS, EXAM 4

0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF250 INTERIM HISTORY OF DRUGS TAKEN: HYPOTENSIVES, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF251 INTERIM HISTORY OF COFFEE DRINKING, EXAM 4  
0000 = NONE  
0001-0007 KNOWN, IN CUPS PER DAY  
0008 = EIGHT OR MORE CUPS PER DAY  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF252 INTERIM HISTORY OF TOBACCO USAGE, EXAM 4  
0000 = DOES NOT SMOKE  
0001 = FIVE OR FEWER CIGARETTES AND/OR ONE OR FEWER CIGARS  
AND/OR ONE OR FEWER PIPES PER DAY  
0002 = SIX TO TWELVE CIGARETTES PER DAY  
0003 = THIRTEEN TO SEVENTEEN CIGARETTES PER DAY  
0004 = EIGHTEEN TO TWENTY-TWO CIGARETTES PER DAY  
0005 = TWENTY-THREE TO THIRTY-SEVEN CIGARETTES PER DAY  
0006 = THIRTY-EIGHT OR MORE CIGARETTES PER DAY  
0007 = TWO OR MORE CIGARS PER DAY  
(CODES 2-6 TAKE PRECEDENCE)  
0008 = TWO OR MORE PIPES PER DAY  
(CODES 2-7 TAKE PRECEDENCE)  
0009 = FORMERLY SMOKED  
9997 = DID NOT TAKE EXAM 4

MF253 INTERIM HISTORY OF ALCOHOL DRINKING, EXAM 4  
0000 = NONE  
0001 = ONE OUNCE PER MONTH OR LESS  
0002-0372 KNOWN, IN OUNCES PER MONTH  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF254 EXAMINER'S OPINION: NEUROCIRCULATORY ASTHENIA PRESENT, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF255 EYE EXAMINATION: ARCUS SENILIS, EXAM 4

0000 = NONE  
0001 = GRADE 1  
0002 = GRADE 2  
0003 = DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF256 EYE EXAMINATION: XANTHELASMA, EXAM 4  
0000 = NO  
0002 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF257 NECK EXAMINATION: THYROID ABNORMAL, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF258 LYMPHATICS EXAMINATION: LYMPH NODES ABNORMAL, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF259 CHEST EXAMINATION: CHEST DEFORMITY, EXAM 4  
0000 = NONE  
0001 = INCREASED ANTEROPOSTERIOR DIAMETER ONLY  
0002 = KYPHOSIS ONLY  
0003 = OTHER ABNORMALITY ONLY  
0004 = INCREASED ANTEROPOSTERIOR DIAMETER AND KYPHOSIS  
0005 = OTHER COMBINATIONS  
0006 = DOUBTFUL DEFORMITY  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF260 CHEST EXAMINATION: RALES, EXAM 4  
0000 = NONE  
0001 = SIBILANT OR SONOROUS  
0002 = WHEEZES  
0003 = TYPE NOT SPECIFIED  
0004 = DOUBTFUL, ANY TYPE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF261 LEGS & FEET EXAMINATION: ANKLE EDEMA, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE

0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF262           LEGS & FEET EXAMINATION: VARICES, EXAM 4  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF263           EMOTIONAL STATE AT EXAMINATION, EXAM 4  
                  0001 = TENSE  
                  0002 = RELAXED  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF264           BLOOD PRESSURE: FIRST EXAMINER, SYSTOLIC, EXAM 4  
                  0082-0290 KNOWN, IN MM HG  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF265           BLOOD PRESSURE: FIRST EXAMINER, DIASTOLIC, EXAM 4  
                  0050-0155 KNOWN, IN MM HG  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF266           BLOOD PRESSURE: SECOND EXAMINER, SYSTOLIC, EXAM 4  
                  0080-0300 KNOWN, IN MM HG  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF267           BLOOD PRESSURE: SECOND EXAMINER, DIASTOLIC, EXAM 4  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF268           BLOOD PRESSURE: SECOND READING TAKEN BY FIRST EXAMINER, EXAM 4  
                  0000 = NO  
                  0001 = YES  
                  9997 = DID NOT TAKE EXAM 4

MF269           X-RAY: GENERALIZED CARDIAC ENLARGEMENT, EXAM 4  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF270           X-RAY:   LEFT VENTRICULAR HYPERTROPHY, EXAM 4  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF271           X-RAY:   ATRIAL HYPERTROPHY, EXAM 4  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF272           X-RAY:   OTHER ABNORMAL CONTOUR, EXAM 4  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF273           X-RAY:   ABNORMALITY OF AORTA, EXAM 4  
                  0000 = NONE  
                  0001 = TORTUOUS  
                  0002 = CALCIFIED  
                  0003 = TORTUOUS & CALCIFIED  
                  0004 = OTHER ABNORMALITY  
                  0005 = TORTUOUS OR CALCIFIED PLUS OTHER ABNORMALITY  
                  0006 = DOUBTFUL ABNORMALITY  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF274           X-RAY:   ABNORMAL PULMONARY ARTERY, EXAM 4  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF275           X-RAY:   ABNORMAL POSITION OF HEART, EXAM 4  
                  0000 = NO  
                  0001 = YES  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF276           X-RAY:   OTHER CARDIOVASCULAR CALCIFICATION, EXAM 4  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 4

MF277           X-RAY:   HEART SIZE, EXAM 4  
                  0040-0182   KNOWN, INDEX DERIVED FROM NOMOGRAM  
                  9999 =           UNKNOWN  
                  9997 =           DID NOT TAKE EXAM 4

MF278           ECG:   GENERAL IMPRESSION, EXAM 4  
                  0000 =   NORMAL  
                  0001 =   ABNORMAL, DEFINITELY  
                  0002 =   ABNORMAL, DOUBTFULLY  
                  9999 =   UNKNOWN  
                  9997 =   DID NOT TAKE EXAM 4

MF279           ECG:   MYOCARDIAL INFARCTION, EXAM 4  
                  0000 =   NONE  
                  0001 =   DEFINITE FOR THE FIRST TIME  
                  0002 =   DEFINITE, SEEN AT PREVIOUS EXAM (S)  
                  0003 =   DOUBTFUL, SEEN FOR THE FIRST TIME  
                  0004 =   DOUBTFUL, SEEN AT PREVIOUS EXAM (S)  
                  9999 =   UNKNOWN  
                  9997 =   DID NOT TAKE EXAM 4

MF280           ECG:   LEFT VENTRICULAR HYPERTROPHY, EXAM 4  
                  0000 =   NO  
                  0001 =   YES, DEFINITE  
                  0002 =   YES, DOUBTFUL  
                  9999 =   UNKNOWN  
                  9997 =   DID NOT TAKE EXAM 4

MF281           ECG:   INTRAVENTRICULAR BLOCK, EXAM 4  
                  0000 =   NO  
                  0001 =   YES, DEFINITE  
                  0002 =   YES, DOUBTFUL  
                  9999 =   UNKNOWN  
                  9997 =   DID NOT TAKE EXAM 4

MF282           ECG:   ATRIOVENTRICULAR BLOCK, EXAM 4  
                  0000 =   NO  
                  0001 =   YES, DEFINITE  
                  0002 =   YES, DOUBTFUL  
                  9999 =   UNKNOWN  
                  9997 =   DID NOT TAKE EXAM 4

MF283           ECG:   NON-SPECIFIC T-WAVE ABNORMALITY, EXAM 4  
                  0000 =   NO  
                  0001 =   YES, DEFINITE  
                  0002 =   YES, DOUBTFUL  
                  9999 =   UNKNOWN  
                  9997 =   DID NOT TAKE EXAM 4





MF291            HEIGHT:    IN EXCESS OF FULL INCHES, EXAM 5  
                 0000 =    LESS THAN ONE-QUARTER INCH  
                 0025 =    BETWEEN ONE-QUARTER AND ONE-HALF INCH  
                 0050 =    BETWEEN ONE-HALF AND THREE-QUARTERS INCH  
                 0075 =    THREE-QUARTERS INCH OR MORE, BUT LESS THAN ONE  
                             FULL INCH  
                 9999 =    UNKNOWN  
                 9997 =    DID NOT TAKE EXAM 5

MF292            WEIGHT, EXAM 5  
                 0069-0300    KNOWN, IN POUNDS  
                 9999 =            UNKNOWN  
                 9997 =            DID NOT TAKE EXAM 5

MF293            CHEST DIAMETER, EXAM 5  
                 0130-0400    KNOWN, IN MILLIMETERS  
                 9999 =            UNKNOWN  
                 9997 =            DID NOT TAKE EXAM 5

MF294            GIRTH:    WAIST, EXAM 5  
                 0485-1830    KNOWN, IN MILLIMETERS  
                 9999 =            UNKNOWN  
                 9997 =            DID NOT TAKE EXAM 5

MF295            GIRTH:    RIGHT LOWER ARM, EXAM 5  
                 0143-0335    KNOWN, IN MILLIMETERS  
                 9999 =            UNKNOWN  
                 9997 =            DID NOT TAKE EXAM 5

MF296            GIRTH:    RIGHT UPPER ARM RELAXED, EXAM 5  
                 0181-0465    KNOWN, IN MILLIMETERS  
                 9999 =            UNKNOWN  
                 9997 =            DID NOT TAKE EXAM 5

MF297            GIRTH:    RIGHT UPPER ARM FLEXED, EXAM 5  
                 0200-0500    KNOWN, IN MILLIMETERS  
                 9999 =            UNKNOWN  
                 9997 =            DID NOT TAKE EXAM 5

MF298            HAND GRIP, EXAM 5  
                 0004-0086    KNOWN, IN KILOGRAMS MEASURED ON DYNAMOMETER  
                 9999 =            UNKNOWN  
                 9997 =            DID NOT TAKE EXAM 5

MF299            LUNG FUNCTION:    VITAL CAPACITY, ACTUAL, EXAM 5  
                 0005-0060    KNOWN, IN DECILITERS  
                 9999 =            UNKNOWN  
                 9997 =            DID NOT TAKE EXAM 5

MF300 LUNG FUNCTION: VITAL CAPACITY, PREDICTED, EXAM 5  
0020-0063 KNOWN, IN DECILITERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF301 LUNG FUNCTION: PUFFMETER, EXAM 5  
0070-0500 KNOWN, IN LITERS PER MINUTE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF302 LUNG FUNCTION: RATIO OF ONE-SECOND VITAL CAPACITY TO  
TOTAL VITAL CAPACITY, EXAM 5  
0032-0099 KNOWN, IN PERCENT  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF303 SKINFOLD: FLANK, EXAM 5  
0004-0038 KNOWN, IN MILLIMETERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5  
*MF303 deleted, unreliable*

MF304 SKINFOLD: SCAPULA, EXAM 5  
0003-0035 KNOWN, IN MILLIMETERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5  
*MF302 deleted, unreliable*

MF305 BLOOD PRESSURE: ADMISSION, SYSTOLIC, EXAM 5  
0080-0268 KNOWN, IN MM HG  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF306 BLOOD PRESSURE: ADMISSION, DIASTOLIC, EXAM 5  
0020-0162 KNOWN, IN MM HG  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF307 BLOOD PRESSURE: FIRST EXAMINER, SYSTOLIC, EXAM 5  
0080-0265 KNOWN, IN MM HG  
UNKNOWN - NONE  
9997 = DID NOT TAKE EXAM 5

MF308 BLOOD PRESSURE: FIRST EXAMINER, DIASTOLIC, EXAM 5  
0030-0160 KNOWN, IN MM HG  
UNKNOWN - NONE  
9997 = DID NOT TAKE EXAM 5

MF309                    BLOOD PRESSURE:    SECOND EXAMINER, SYSTOLIC, EXAM 5  
                          0082-0245    KNOWN, IN MM HG  
                          9999 =                UNKNOWN  
                          9997 =                DID NOT TAKE EXAM 5

MF310                    BLOOD PRESSURE:    SECOND EXAMINER, DIASTOLIC, EXAM 5  
                          0032-0174    KNOWN, IN MM HG  
                          9999 =                UNKNOWN  
                          9997 =                DID NOT TAKE EXAM 5

MF311                    BLOOD ANALYSIS:    SERUM CHOLESTEROL, EXAM 5  
                          0107-0696    KNOWN, IN MG/100 ML  
                          9999 =                UNKNOWN  
                          9997 =                DID NOT TAKE EXAM 5

MF312                    BLOOD ANALYSIS:    HEMOGLOBIN, EXAM 5  
                          0073-0182    KNOWN, IN DECIGRAMS/100 ML  
                          9999 =                UNKNOWN  
                          9997 =                DID NOT TAKE EXAM 5

MF313                    BLOOD ANALYSIS:    HEMATOCRIT, EXAM 5  
                          0029-0060    KNOWN, IN PERCENT  
                          9999 =                UNKNOWN  
                          9997 =                DID NOT TAKE EXAM 5

MF314                    BLOOD ANALYSIS:    TOTAL IODINE, EXAM 5  
                          0014-0190    KNOWN, IN MICROGRAMS/100 ML TO ONE DECIMAL  
                          0200                20.0 MICROGRAMS/100 ML OR MORE  
                          9999 =                UNKNOWN  
                          9997 =                DID NOT TAKE EXAM 5

MF315                    BLOOD ANALYSIS:    PROTEIN-BOUND IODINE, EXAM 5  
                          0010-0169    KNOWN, IN MICROGRAMS/100 ML TO ONE DECIMAL  
                          0200 =                20.0 MICROGRAMS/100 ML OR MORE  
                          9999 =                UNKNOWN  
                          9997 =                DID NOT TAKE EXAM 5

MF316                    URINALYSIS:        SUGAR, EXAM 5  
                          0000 =        NEGATIVE  
                          0001 =        POSITIVE  
                          0002 =        DOUBTFUL  
                          9999 =        UNKNOWN  
                          9997 =        DID NOT TAKE EXAM 5

MF317                    URINALYSIS:        ALBUMIN, EXAM 5  
                          0000 =        NEGATIVE  
                          0001 =        POSITIVE  
                          0002 =        DOUBTFUL  
                          9999 =        UNKNOWN

9997 = DID NOT TAKE EXAM 5

MF318 LIFETIME HISTORY OF HOSPITALIZATIONS: HYSTERECTOMY  
AND/OR COPHOECTOMY, EXAM 5

0000 = NO  
0002 = YES, BEFORE AGE 30  
0003 = YES, AGE 30-34  
0004 = YES, AGE 35-39  
0005 = YES, AGE 40-44  
0006 = YES, AGE 45 OR OVER  
0007 = YES, AGE NOT KNOWN  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF319 LIFETIME HISTORY OF HOSPITALIZATIONS: THYROIDECTOMY, EXAM 5

0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF320 LIFETIME HISTORY OF HOSPITALIZATIONS: SYMPATHECTOMY, EXAM 5

0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF321 LIFETIME HISTORY OF HOSPITALIZATIONS: PULMONARY DIS., EXAM 5

0000 = NO  
0001 = TUBERCULOSIS ONLY  
0002 = CANCER OF THE LUNG  
0003 = PNEUMONIA  
0004 = PNEUMONIA PLUS OTHER PULMONARY DISEASE  
0005 = ASTHMA  
0006 = ASTHMA PLUS OTHER PULMONARY DISEASE  
0007 = EMPYEMA OR PLEURISY  
0008 = OTHER, INCLUDING OTHER COMBINATIONS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF322 LIFETIME HISTORY OF HOSPITALIZATIONS: URINARY TRACT  
DISEASE, EXAM 5

0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF323 LIFETIME HISTORY OF HOSPITALIZATIONS: GALLBLADDER DISEASE  
OR LIVER DISEASE, EXAM 5

0000 = NO  
0001 = YES  
9999 = UNKNOWN

9997 = DID NOT TAKE EXAM 5

MF324 LIFETIME HISTORY OF HOSPITALIZATIONS: ABNORMAL PREGNANCY,  
EXAM 5

0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF325 LIFETIME HISTORY OF HOSPITALIZATIONS: INJURY OR ACCIDENT,  
OR ASIAN FLU, EXAM 5

0000 = NO  
0001 = YES, INJURY OR ACCIDENT  
0002 = ASIAN FLU WITH OR WITHOUT HOSPITALIZATION  
0003 = BOTH INJURY OR ACCIDENT WITH HOSPITALIZATION  
AND ASIAN FLU WITH OR WITHOUT HOSPITALIZATION  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF326 INTERIM HISTORY OF MENSES, EXAM 5

0001 = MENSES HAVE CEASED, NO HOT FLASHES  
0002 = MENSES HAVE CEASED, HOT FLASHES STILL OCCUR  
0003 = MENSES HAVE NOT CEASED, NO HOT FLASHES  
0004 = MENSES HAVE NOT CEASED, HOT FLASHES STILL OCCUR  
0005 = UNKNOWN MENSES, NO HOT FLASHES  
0006 = UNKNOWN MENSES, HOT FLASHES OCCUR  
0007 = MENSES HAVE CEASED, UNKNOWN HOT FLASHES  
0008 = MENSES HAVE NOT CEASED, UNKNOWN HOT FLASHES  
9999 = UNKNOWN FOR BOTH MENSES AND HOT FLASHES  
1000 MAN  
9997 = DID NOT TAKE EXAM 5

*MF326 deleted, redundant, use most recent "menopause" file*

MF327 AGE AT WHICH MENSES CEASED, EXAM 5

0000 = NOT CEASED  
0016-0058 KNOWN, IN YEARS  
9999 = UNKNOWN  
1000 = MAN  
9997 = DID NOT TAKE EXAM 5

*MF327 deleted, redundant, use most recent "menopause" file*

MF328 LIFETIME HISTORY OF HORMONE THERAPY, EXAM 5

0000 = NONE  
0001 = TAKEN LESS THAN SIX MONTHS  
0002 = TAKEN SIX MONTHS OR MORE  
0003 = TAKEN, DURATION UNKNOWN  
9999 = UNKNOWN  
1000 = MAN  
0992 = MAN  
9997 = DID NOT TAKE EXAM 5

\*\*\*Version 1: 08-22-2007  
added 0992 as a valid code

MF329 INTERIM HISTORY OF PREGNANCY, EXAM 5

0000 = NO  
0001 = YES, NO COMPLICATIONS  
0002 = YES, WITH COMPLICATIONS  
9999 = UNKNOWN  
1000 = MAN  
0992 = MAN  
9997 = DID NOT TAKE EXAM 5

\*\*\*Version 1: 08-22-2007  
added 0992 as a valid code

MF330 HISTORY OF SMOKING: PRESENT HABIT, EXAM 5

0000 = DOES NOT SMOKE NOW, BUT SMOKED FORMERLY  
0001 = SMOKES NOW  
0002 = NEVER SMOKED  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF331 HISTORY OF SMOKING: NUMBER OF CIGARETTES/DAY SMOKED NOW,  
EXAM 5

0000 = SMOKES NOW, BUT NO CIGARETTES  
0001-0070 KNOWN  
0992 = DOES NOT SMOKE NOW OR NEVER SMOKED  
9999 = UNKNOWN  
1000 = DOES NOT SMOKE NOW (LAPSED OR NEVER SMOKED)  
9997 = DID NOT TAKE EXAM 5

\*\*\*Version 2: 09-14-2007  
added 0992 as a valid code

MF332 HISTORY OF SMOKING: NUMBER OF PIPES/DAY SMOKED NOW, EXAM 5

0000 = SMOKES NOW, BUT NO PIPES  
0001 = ONE OR LESS THAN ONE  
0002-0007 KNOWN, TWO TO SEVEN  
0008 = EIGHT OR MORE  
0992 = DOES NOT SMOKE NOW OR NEVER SMOKED  
9999 = UNKNOWN  
1000 = DOES NOT SMOKE NOW (LAPSED OR NEVER SMOKED)  
9997 = DID NOT TAKE EXAM 5

\*\*\*Version 2: 09-14-2007  
added 0992 as a valid code

MF333 HISTORY OF SMOKING: NUMBER OF CIGARS/DAY SMOKED NOW, EXAM 5

0000 = SMOKES NOW, BUT NO CIGARS  
0001 = ONE OR LESS THAN ONE  
0002-0007 KNOWN, TWO TO SEVEN  
0992 = DOES NOT SMOKE NOW OR NEVER SMOKED  
9999 = UNKNOWN  
1000 = DOES NOT SMOKE NOW (LAPSED OR NEVER SMOKED)  
9997 = DID NOT TAKE EXAM 5  
0008 = EIGHT OR MORE

\*\*\*Version 2: 09-14-2007

added 0992 as a valid code

MF334                    HISTORY OF SMOKING: CHANGE IN HABIT IN PAST TWO YEARS, EXAM 5  
                         0000 = NO CHANGE (SMOKES NOW OR SMOKED FORMERLY)  
                         0001 = SMOKING DIMINISHED, WEIGHT INCREASED  
                         0002 = SMOKING DIMINISHED, WEIGHT UNCHANGED  
                         0003 = SMOKING DIMINISHED, WEIGHT DECREASED  
                         0004 = SMOKING INCREASED, WEIGHT INCREASED  
                         0005 = SMOKING INCREASED, WEIGHT UNCHANGED  
                         0006 = SMOKING INCREASED, WEIGHT DECREASED  
                         0007 = SMOKING DECREASED, WEIGHT CHANGE UNKNOWN  
                         0008 = SMOKING INCREASED, WEIGHT CHANGE UNKNOWN  
                         9999 = UNKNOWN WHETHER SMOKING CHANGED  
                         0010 = NEVER SMOKED  
                         9997 = DID NOT TAKE EXAM 5

MF335                    INTERIM HISTORY OF RESPIRATORY DISEASE: PNEUMONIA OR  
                         OTHER LUNG INFECTION, EXAM 5  
                         0000 = NO  
                         0001 = YES  
                         9999 = UNKNOWN  
                         9997 = DID NOT TAKE EXAM 5

MF336            72/33    INTERIM HISTORY OF RESPIRATORY DISEASE: PERSISTENT COUGH  
                         NOW, EXAM 5  
                         0010 NO COUGH  
                         0001 = PRESENT WITH WHEEZING  
                         0002 = PRESENT WITHOUT WHEEZING  
                         9999 = UNKNOWN  
                         9997 = DID NOT TAKE EXAM 5

MF337            72/34    INTERIM HISTORY OF RESPIRATORY DISEASE: FREQUENCY AND  
                         SEVERITY OF COUGH, EXAM 5  
                         0010 NO COUGH  
                         0001 = FREQUENT AND MILD  
                         0002 = FREQUENT AND SEVERE  
                         0003 = OCCASIONAL AND MILD  
                         0004 = OCCASIONAL AND SEVERE  
                         0005 = MILD, FREQUENCY UNKNOWN  
                         0006 = SEVERE, FREQUENCY UNKNOWN  
                         0009 = UNKNOWN SEVERITY OF COUGH  
                         9999 = UNKNOWN COUGH  
                         9997 = DID NOT TAKE EXAM 5

MF338                    INTERIM HISTORY OF RESPIRATORY DISEASE: SPUTUM WITH COUGH,  
                         EXAM 5  
                         0010 = NO COUGH  
                         0000 = NO SPUTUM WITH COUGH  
                         0001 = SPUTUM PRESENT WITH COUGH  
                         0009 = UNKNOWN SPUTUM WITH COUGH  
                         9999 = UNKNOWN  
                         9997 = DID NOT TAKE EXAM 5

MF339 LIFETIME HISTORY OF HAY FEVER AND ASTHMA, EXAM 5  
(IF BOTH PRESENT, ONLY ASTHMA IS CODED)

- 0000 = NEITHER, EVER
- 0001 = HAY FEVER ONLY, ONSET BEFORE AGE 16
- 0002 = ASTHMA, ONSET BEFORE AGE 16
- 0003 = HAY FEVER ONLY, ONSET AGE 16 OR AFTER
- 0004 = ASTHMA, ONSET AGE 16 OR AFTER
- 0005 = HAY FEVER ONLY, AGE OF ONSET UNKNOWN
- 0006 = ASTHMA, AGE OF ONSET UNKNOWN
- 9999 = UNKNOWN
- 9997 = DID NOT TAKE EXAM 5

MF340 INTERIM HISTORY OF RESPIRATORY DISEASE: NUMBER OF COLDS  
DURING PAST YEAR, EXAM 5

- 0000 = NONE
- 0001 = ONE
- 0002 = TWO
- 0003 = THREE
- 0004 = FOUR OR MORE
- 0005 = INDEFINITE OR UNKNOWN NUMBER
- 9999 = UNKNOWN
- 9997 = DID NOT TAKE EXAM 5

MF341 INTERIM HISTORY OF RESPIRATORY DISEASE: PERSISTENT  
SINUS INFECTION OR POST-NASAL DRIP NOW, EXAM 5

- 0000 = NEITHER
- 0001 = PRESENT
- 9999 = UNKNOWN
- 9997 = DID NOT TAKE EXAM 5

MF342 INTERIM HISTORY: AVOIDS SALT IN FOOD, EXAM 5

- 0000 = NO
- 0001 = YES
- 9999 = UNKNOWN
- 9997 = DID NOT TAKE EXAM 5

MF343 INTERIM HISTORY: FEET OR ANKLES SWELL, EXAM 5

- 0000 = NO
- 0001 = YES, IN HOT WEATHER ONLY
- 0002 = YES, AT OTHER TIMES
- 0003 = YES, TIME UNKNOWN
- 9999 = UNKNOWN
- 9997 = DID NOT TAKE EXAM 5

MF344 INTERIM HISTORY OF DRUGS TAKEN FOR HEART OR CIRCULATION,  
EXAM 5

- 0000 = NONE
- 0001 = DIGITALIS ONLY
- 0002 = HYPOTENSIVE ONLY
- 0003 = NITROGLYCERIN ONLY
- 0004 = QUINIDINE ONLY



0005 = OTHER ONLY  
0006 = DIGITALIS AND ANY OTHER EXCEPT HYPOTENSIVE  
0007 = HYPOTENSIVE AND ANY OTHER EXCEPT DIGITALIS  
0008 = DIGITALIS AND HYPOTENSIVE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF345

SKIN EXAMINATION, EXAM 5

0000 = NORMAL  
0001 = XANTHELASMA ONLY  
0002 = XANTHOMATA ONLY  
0003 = OTHER ABNORMALITY ONLY  
0005 = XANTHELASMA AND OTHER ABNORMALITY  
0006 = XANTHOMATA AND OTHER ABNORMALITY  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF346

EXAMINER'S OPINION: ARTHRITIS, EXAM 5

0000 = NONE  
0001 = OSTEOARTHRITIS  
0002 = RHEUMATOID ARTHRITIS  
0003 = GOUT  
0004 = OTHER OR COMBINATION OF TYPES  
0005 = DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF347

CHEST EXAMINATION: WHEEZING, EXAM 5

0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF348

CHEST EXAMINATION: CHEST DEFORMITY, EXAM 5

0000 = NONE  
0001 = KYPHOSIS, GRADE 1  
0002 = KYPHOSIS, GRADE 2, 3, OR 4  
0003 = SCOLIOSIS, GRADE 1  
0004 = SCOLIOSIS, GRADE 2, 3, OR 4  
0005 = BOTH KYPHOSIS AND SCOLIOSIS, GRADE 1  
0006 = BOTH KYPHOSIS AND SCOLIOSIS, GRADE 2, 3, OR 4  
0007 = OTHER ABNORMALITY ONLY  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF349

CHEST EXAMINATION: ABNORMAL BREATH SOUNDS, RALES,  
OTHER ABNORMALITY, EXAM 5

0000 = NO ABNORMALITY  
0001 = ABNORMAL BREATH SOUNDS  
0002 = RALES  
0003 = OTHER ABNORMALITY  
0004 = ABNORMAL BREATH SOUNDS AND RALES

0005 = ABNORMAL BREATH SOUNDS AND OTHER ABNORMALITY  
0006 = RALES AND OTHER ABNORMALITY  
0007 = ALL THREE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF350 X-RAY: ROENTGEN ACTUATOR FUNCTION, EXAM 5  
0000 = NOT DONE  
0001 = SATISFACTORY  
0002 = UNSATISFACTORY  
9999 = FILM NOT TAKEN, OR POOR FILM  
9997 = DID NOT TAKE EXAM 5

MF351 X-RAY: HEART SIZE, EXAM 5  
0055-0203 KNOWN, INDEX DERIVED FROM NOMOGRAM  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF352 X-RAY: (BEFORE) GENERALIZED CARDIAC ENLARGEMENT, EXAM 5  
0000 = NO ' ("BEFORE" MEANS THE  
0001 = YES, DEFINITE INTERPRETATION OF THE  
0002 = YES, DOUBTFUL X-RAY FILM BEFORE THE  
9999 = UNKNOWN CLINICAL DATA ARE GIVEN  
9997 = DID NOT TAKE EXAM 5 TO THE INTERPRETER.)

MF353 X-RAY: (BEFORE) LEFT VENTRICULAR HYPERTROPHY, EXAM 5  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF354 X-RAY: (BEFORE) ATRIAL HYPERTROPHY, EXAM 5  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF355 X-RAY: (BEFORE) RIGHT VENTRICULAR HYPERTROPHY, EXAM 5  
0000 = NO  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF356 X-RAY: (BEFORE) ABNORMAL CONTOUR OTHER THAN ENLARGEMENT,  
EXAM 5  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN

9997 = DID NOT TAKE EXAM 5

MF357 X-RAY: ABNORMAL PULMONARY ARTERY, EXAM 5  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF358 X-RAY: ABNORMAL POSITION OF HEART, EXAM 5  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF359 X-RAY: CARDIOVASCULAR CALCIFICATION OTHER THAN AORTIC,  
EXAM 5  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF360 X-RAY: AORTA TORTUOUS, ASCENDING, EXAM 5  
0000 = NO  
0001 = YES, DEFINITE  
0008 = AORTA TORTUOUS BUT NOT SPECIFIED AS ASCENDING,  
DESCENDING, OR ARCH  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF361 X-RAY: AORTA TORTUOUS, DESCENDING, EXAM 5  
0000 = NO  
0001 = YES, DEFINITE  
0008 = AORTA TORTUOUS BUT NOT SPECIFIED AS ASCENDING,  
DESCENDING, OR ARCH  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF362 X-RAY: AORTA TORTUOUS, ARCH, EXAM 5  
0000 = NO  
0001 = YES, DEFINITE  
0008 = AORTA TORTUOUS BUT NOT SPECIFIED AS ASCENDING,  
DESCENDING, OR ARCH  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF363 X-RAY: AORTA CALCIFIED, EXAM 5  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN

9997 = DID NOT TAKE EXAM 5

MF364 X-RAY: AORTA ABNORMALITY OTHER THAN TORTUOUS OR  
CALCIFIED, EXAM 5

0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF365 RELATIVE WEIGHT, EXAM 5

0061-0222 KNOWN, IN PERCENT  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF366 ECG: GENERAL IMPRESSION, EXAM 5

0000 = NORMAL  
0001 = ABNORMAL DEFINITELY  
0002 = ABNORMAL DOUBTFULLY  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF367 ECG: MYOCARDIAL INFARCTION, EXAM 5

0000 = NO  
0001 = DEFINITE FOR THE FIRST TIME  
0002 = DEFINITE, SEEN AT PREVIOUS EXAMS  
0003 = DOUBTFUL, SEEN FOR THE FIRST TIME  
0004 = DOUBTFUL, SEEN AT PREVIOUS EXAMS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF368 ECG: LEFT VENTRICULAR HYPERTROPHY, EXAM 5

0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF369 ECG: INTRAVENTRICULAR BLOCK, EXAM 5

0000 = NO  
0001 = DEFINITE LEFT BUNDLE BRANCH BLOCK  
0002 = DOUBTFUL LEFT BUNDLE BRANCH BLOCK  
0003 = DEFINITE RIGHT BUNDLE BRANCH BLOCK  
0004 = DOUBTFUL RIGHT BUNDLE BRANCH BLOCK  
0005 = INCOMPLETE LEFT BUNDLE BRANCH BLOCK  
0006 = INCOMPLETE RIGHT BUNDLE BRANCH BLOCK  
0007 = INDETERMINATE INTRAVENTRICULAR BLOCK, COMPLETE  
0008 = INDETERMINATE INTRAVENTRICULAR BLOCK, INCOMPLETE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 5

MF370                    ECG:   ATRIOVENTRICULAR BLOCK, EXAM 5  
                          0000 =   NO  
                          0001 =   YES, DEFINITE  
                          0002 =   YES, DOUBTFUL  
                          9999 =   UNKNOWN  
                          9997 =   DID NOT TAKE EXAM 5

MF371                    ECG:   NON-SPECIFIC T-WAVE ABNORMALITY, EXAM 5  
                          0000 =   NO  
                          0001 =   YES, DEFINITE  
                          0002 =   YES, DOUBTFUL  
                          9999 =   UNKNOWN  
                          9997 =   DID NOT TAKE EXAM 5

MF372                    ECG:   ARRHYTHMIA, EXAM 5  
                          0000 =   NO  
                          0001 =   ATRIAL FIBRILLATION  
                          0002 =   OTHER ARRHYTHMIA  
                          0003 =   DOUBTFUL ARRHYTHMIA  
                          9999 =   UNKNOWN  
                          9997 =   DID NOT TAKE EXAM 5

MF373                    ECG:   PR INTERVAL LESS THAN 0.12 SECOND, EXAM 5  
                          0000 =   NO  
                          0001 =   YES  
                          9999 =   UNKNOWN  
                          9997 =   DID NOT TAKE EXAM 5

MF374                    ECG:   VENTRICULAR RATE, EXAM 5  
                          0045-0140   KNOWN, BEATS PER MINUTE  
                          9999 =           UNKNOWN  
                          9997 =           DID NOT TAKE EXAM 5

MF375                    DIAGNOSIS:   FUNCTIONAL CLASS, EXAM 5  
                          0000 =   NO DEFINITE HEART DISEASE FOUND  
                          0001 =   CLASS I  
                          0002 =   CLASS II  
                          0003 =   CLASS III  
                          0004 =   CLASS IV  
                          9997 =   DID NOT TAKE EXAM 5

MF376                    DIAGNOSIS:   CONGESTIVE HEART FAILURE, EXAM 5  
                          0000 =   NEVER PRESENT  
                          0001 =   DEFINITE FOR THE FIRST TIME  
                          0002 =   DEFINITE RECURRENCE DURING THIS INTERIM  
                          0003 =   NO RECURRENCE, DEFINITE BEFORE THIS INTERIM  
                          0004 =   POSSIBLE FOR THE FIRST TIME  
                          0005 =   POSSIBLE RECURRENCE DURING THIS INTERIM  
                          0006 =   NO RECURRENCE, POSSIBLE BEFORE THIS INTERIM  
                          9997 =   DID NOT TAKE EXAM 5

MF376 deleted, redundant, use most recent "SOE" file

MF377                   DIAGNOSIS:  NEUROCIRCULATORY ASTHENIA, EXAM 5  
                          0000 =  NO  
                          0001 =  YES, DEFINITE  
                          0002 =  YES, DOUBTFUL  
                          9997 =  DID NOT TAKE EXAM 5

MF378                   LUNG FUNCTION:  FIRST SECOND'S VOLUME, EXAM 5  
                          0040-0480  KNOWN, IN CENTILITERS  
                          9999 =  UNKNOWN  
                          9997 =  DID NOT TAKE EXAM 5

MF379                   LUNG FUNCTION:  FLOW RATE, EXAM 5  
                          0016-0500  KNOWN, IN CENTILITERS/SECOND  
                          9999 =  UNKNOWN  
                          9997 =  DID NOT TAKE EXAM 5

MF380                   WEIGHT, EXAM 6  
                          0069-0300  KNOWN, IN POUNDS  
                          9999 =  UNKNOWN  
                          9997 =  DID NOT TAKE EXAM 6

MF381                   HAND GRIP, LEFT, EXAM 6  
                          0002-0073  KNOWN, IN KILOGRAMS MEASURED ON DYNAMOMETER  
                          9999 =  UNKNOWN  
                          9997 =  DID NOT TAKE EXAM 6

MF382                   HAND GRIP, RIGHT, EXAM 6  
                          0003-0078  KNOWN, IN KILOGRAMS MEASURED ON DYNAMOMETER  
                          9999 =  UNKNOWN  
                          9997 =  DID NOT TAKE EXAM 6

MF383                   LUNG FUNCTION:  VITAL CAPACITY, EXAM 6  
                          0005-0060  KNOWN, IN DECILITERS  
                          9999 =  UNKNOWN  
                          9997 =  DID NOT TAKE EXAM 6

MF384                   BLOOD PRESSURE:  ADMISSION, SYSTOLIC, EXAM 6  
                          0080-0276  KNOWN, IN MM HG  
                          9999 =  UNKNOWN  
                          9997 =  DID NOT TAKE EXAM 6

MF385                   BLOOD PRESSURE:  ADMISSION, DIASTOLIC, EXAM 6  
                          0030-0142  KNOWN, IN MM HG  
                          9999 =  UNKNOWN  
                          9997 =  DID NOT TAKE EXAM 6

MF386 BLOOD PRESSURE: FIRST EXAMINER, SYSTOLIC, EXAM 6  
0080-0256 KNOWN, IN MM HG  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF387 BLOOD PRESSURE: FIRST EXAMINER, DIASTOLIC, EXAM 6  
0030-0145 KNOWN, IN MM HG  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF388 BLOOD PRESSURE: SECOND EXAMINER, SYSTOLIC, EXAM 6  
0080-0290 KNOWN, IN MM HG  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF389 BLOOD PRESSURE: SECOND EXAMINER, DIASTOLIC, EXAM 6  
0032-0156 KNOWN, IN MM HG  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF390 URINALYSIS: SUGAR, EXAM 6  
0000 = NEGATIVE  
0001 = POSITIVE  
0002 = DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF391 URINALYSIS: ALBUMIN, EXAM 6  
0000 = NEGATIVE  
0001 = POSITIVE  
0002 = DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF392 BLOOD ANALYSIS: HEMOGLOBIN, EXAM 6  
0067-0216 KNOWN, IN DECIGRAMS/100 ML  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF393 BLOOD ANALYSIS: HEMATOCRIT, EXAM 6  
0025-0063 KNOWN, IN PERCENT  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF394 BLOOD ANALYSIS: SUGAR, EXAM 6  
0030-0420 KNOWN, IN MG/100 ML  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF404           X-RAY:   (BEFORE) LEFT VENTRICULAR HYPERTROPHY, EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6

MF405           X-RAY:   (BEFORE) ATRIAL HYPERTROPHY, EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6  
                  X-RAY:   (BEFORE) RIGHT VENTRICULAR HYPERTROPHY, EXAM 6  
                          (NO DEFINITE OR POSSIBLE RVH)

MF406           X-RAY:   (BEFORE) ABNORMAL CONTOUR OTHER THAN ENLARGEMENT,  
                  EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6

MF407           X-RAY:   ABNORMAL PULMONARY ARTERY, EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6

MF408           X-RAY:   ABNORMAL POSITION OF HEART, EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6

MF409           X-RAY:   CARDIOVASCULAR CALCIFICATION OTHER THAN AORTIC,  
                  EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6

MF395           BLOOD ANALYSIS:  TYPE, EXAM 6  
                  0000 = TYPE 0  
                  0001 = TYPE A  
                  0002 = TYPE B  
                  0003 = TYPE AB  
                  9999 = UNKNOWN



9997 = DID NOT TAKE EXAM 6

MF396 BLOOD ANALYSIS: RH FACTOR, EXAM 6  
0000 = NEGATIVE  
0001 = POSITIVE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF397 BLOOD ANALYSIS: SERUM CHOLESTEROL, EXAM 6  
0110-0638 KNOWN, IN MG/100 ML  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF398 BLOOD ANALYSIS: LATEX TEST, EXAM 6  
0000 = ALL THREE STAGES NORMAL  
0001 = POSITIVE FOR SERUM  
0002 = POSITIVE FOR EUGLOBULIN  
0003 = POSITIVE IN INHIBITION STAGE  
9999 = NOT DONE  
9997 = DID NOT TAKE EXAM 6

MF399 LUNG FUNCTION: FIRST SECOND'S VOLUME, EXAM 6  
0030-0480 KNOWN, IN CENTILITERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF400 LUNG FUNCTION: FLOW RATE, EXAM 6  
0010-0600 KNOWN, IN CENTILITERS/SECOND  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF401 RELATIVE WEIGHT, EXAM 6  
0061-0222 KNOWN, IN PERCENT  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF402 W-RAY: HEART SIZE, EXAM 6  
0054-0187 KNOWN, INDEX DERIVED FROM NOMOGRAM  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF403 X-RAY: (BEFORE) GENERALIZED CARDIAC ENLARGEMENT, EXAM 6  
0000 = NO ("BEFORE" MEANS THE  
0001 = YES, DEFINITE INTERPRETATION OF THE  
0002 = YES, DOUBTFUL X-RAY FILM BEFORE THE  
9999 = UNKNOWN CLINICAL DATA ARE GIVEN  
9997 = DID NOT TAKE EXAM 6 TO THE INTERPRETER.)

MF410           X-RAY:   AORTA TORTUOUS, ASCENDING, EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6

MF411           X-RAY:   AORTA TORTUOUS, ARCH, EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6

MF412           X-RAY:   AORTA TORTUOUS, DESCENDING, EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6

MF413           X-RAY:   AORTA CALCIFIED, EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6

MF414           X-RAY:   AORTA ABNORMALITY OTHER THAN TORTUOUS OR CALCIFIED,  
                  EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6

MF415           X-RAY:   ARTHRITIS, RHEUMATOID, EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9997 = DID NOT TAKE EXAM 6

MF416           X-RAY:   ARTHRITIS, GOUTY, EXAM 6  
                  0000 = NO  
                  0001 = YES, DEFINITE  
                  0002 = YES, DOUBTFUL  
                  9997 = DID NOT TAKE EXAM 6

MF417           INTERIM HISTORY OF DRUGS TAKEN:   HYPOTENSIVE, EXAM 6  
                  0000 = NO  
                  0001 = YES  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 6

MF418 INTERIM HISTORY OF DRUGS TAKEN: DIURETIC, EXAM 6  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF419 INTERIM HISTORY OF DRUGS TAKEN: ANTI-CHOLESTEROL REGIME,  
EXAM 6  
0000 = NO  
0001 = DRUGS  
0002 = DIET  
0003 = BOTH DRUGS AND DIET  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF420 INTERIM HISTORY OF THYROID DISEASE, EXAM 6  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF421 INTERIM HISTORY OF DIABETES, EXAM 6  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6  
*MF421 deleted, redundant, use most recent "diabetes" file*

MF422 LIFETIME HISTORY OF MENOPAUSE, EXAM 6  
0000 = PERIODS HAVE NOT STOPPED  
0001 = PERIODS HAVE STOPPED  
9999 = UNKNOWN  
1000 = MAN  
9997 = DID NOT TAKE EXAM 6  
*MF422 deleted, redundant, use most recent "menopause" file*

MF423 AGE AT WHICH MENSES STOPPED, EXAM 6  
0000 = NOT STOPPED  
0016-0058 KNOWN, IN YEARS  
9999 = UNKNOWN  
1000 = MAN  
9997 = DID NOT TAKE EXAM 6  
*MF423 deleted, redundant, use most recent "menopause" file*

MF424 RETINA EXAMINATION, EXAM 6  
0000 = NORMAL  
0001 = ABNORMAL

9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF425 SKIN EXAMINATION: CYANOSIS, EXAM 6  
0000 = NONE  
0001 = PRESENT  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF426 CHEST EXAMINATION: INCREASED ANTEROPOSTERIOR DIAMETER,  
EXAM 6  
0000 = NONE  
0001 = PRESENT, ANY GRADE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF427 CHEST EXAMINATION: KYPHOSIS, EXAM 6  
0000 = NONE  
0001 = PRESENT, ANY GRADE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF428 CHEST EXAMINATION: DEPRESSED STERNUM, EXAM 6  
0000 = NONE  
0001 = PRESENT, ANY GRADE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF429 CHEST EXAMINATION: SCOLIOSIS, EXAM 6  
0000 = NONE  
0001 = PRESENT, ANY GRADE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF430 CHEST EXAMINATION: BREATH SOUNDS, EXAM 6  
0000 = NORMAL  
0001 = ABNORMAL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF431 CHEST EXAMINATION: RALES, EXAM 6  
0000 = NONE  
0001 = PRESENT  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF432 EYE EXAMINATION: XANTHELASMA, EXAM 6  
0000 = NONE  
0001 = PRESENT

9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 6

MF433            THYROID EXAMINATION, EXAM 6  
                 0000 = NORMAL  
                 0001 = SINGLE NODULE  
                 0002 = MULTIPLE NODULES  
                 0003 = DIFFUSE, ANY DEGREE  
                 9999 = UNKNOWN  
                 9997 = DID NOT TAKE EXAM 6

MF434            EXAMINER'S OPINION: RHEUMATOID ARTHRITIS, EXAM 6  
                 0000 = NO  
                 0001 = YES, DEFINITE  
                 0002 = YES, DOUBTFUL  
                 9999 = UNKNOWN  
                 9997 = DID NOT TAKE EXAM 6

MF435            PHYSIOLOGIC ANXIETY INDEX: SCORE, EXAM 6  
                 0000-0012 KNOWN, SUM OF 9 GRADES GIVEN BY DOCTOR,  
                                 COL.66-74  
                 9999 = UNKNOWN  
                 9997 = DID NOT TAKE EXAM 6

MF436            ECG: GENERAL IMPRESSION, EXAM 6  
                 0000 = NORMAL  
                 0001 = ABNORMAL DEFINITELY  
                 0002 = ABNORMAL DOUBTFULLY  
                 9997 = DID NOT TAKE EXAM 6

MF437            ECG: MYOCARDIAL INFARCTION, EXAM 6  
                 0000 = NO  
                 0001 = DEFINITE FOR THE FIRST TIME  
                 0002 = DEFINITE AND SEEN AT PREVIOUS EXAM(S)  
                 0003 = DOUBTFUL FOR THE FIRST TIME, NORMAL PREVIOUSLY  
                 0004 = DOUBTFUL NOW, DEFINITE PREVIOUSLY  
                 0005 = DOUBTFUL NOW AND PREVIOUSLY  
                 0006 = NORMAL NOW, DEFINITE PREVIOUSLY  
                 0007 = NORMAL NOW, DOUBTFUL PREVIOUSLY  
                 9997 = DID NOT TAKE EXAM 6

MF438            ECG: LEFT VENTRICULAR HYPERTROPHY, EXAM 6  
                 0000 = NO  
                 0001 = YES, DEFINITE  
                 0002 = YES, DOUBTFUL  
                 9997 = DID NOT TAKE EXAM 6

MF439            ECG: INTRAVENTRICULAR BLOCK, EXAM 6  
                 0000 = NO  
                 0001 = DEFINITE LEFT BUNDLE BRANCH BLOCK

0002 = DOUBTFUL LEFT BUNDLE BRANCH BLOCK  
0003 = DEFINITE RIGHT BUNDLE BRANCH BLOCK  
0004 = DOUBTFUL RIGHT BUNDLE BRANCH BLOCK  
0005 = INCOMPLETE LEFT BUNDLE BRANCH BLOCK  
0006 = INCOMPLETE RIGHT BUNDLE BRANCH BLOCK  
0007 = INDETERMINATE INTRAVENTRICULAR BLOCK, DEFINITE  
0008 = INDETERMINATE INTRAVENTRICULAR BLOCK, DOUBTFUL  
9997 = DID NOT TAKE EXAM 6

MF440            ECG: ATRIOVENTRICULAR BLOCK, EXAM 6  
                 0000 = NO  
                 0001 = YES, DEFINITE  
                 0002 = YES, DOUBTFUL  
                 9997 = DID NOT TAKE EXAM 6

MF441            ECG: NON-SPECIFIC T-WAVE ABNORMALITY, EXAM 6  
                 0000 = NO  
                 0001 = YES, DEFINITE  
                 0002 = YES, DOUBTFUL  
                 9997 = DID NOT TAKE EXAM 6

MF442            ECG: ARRHYTHMIA, EXAM 6  
                 0000 = NO  
                 0001 = ATRIAL FIBRILLATION  
                 0002 = OTHER ARRHYTHMIA  
                 0003 = DOUBTFUL ARRHYTHMIA  
                 9997 = DID NOT TAKE EXAM 6

MF443            ECG: PR INTERVAL LESS THAN 0.12 SECOND, EXAM 6  
                 0000 = NO  
                 0001 = YES  
                 9997 = DID NOT TAKE EXAM 6

MF444            ECG: VENTRICULAR RATE, EXAM 6  
                 0040-0220    KNOWN, BEATS PER MINUTE  
                 9999 =            UNKNOWN  
                 9997 =            DID NOT TAKE EXAM 6

MF445            DIAGNOSIS: FUNCTIONAL CLASS, EXAM 6  
                 0000 = NO DEFINITE HEART DISEASE FOUND  
                 0001 = CLASS I  
                 0002 = CLASS II  
                 0003 = CLASS III  
                 0004 = CLASS IV  
                 9997 = DID NOT TAKE EXAM 6

MF446            DIAGNOSIS: CONGESTIVE HEART FAILURE, EXAM 6  
                 0000 = NEVER PRESENT  
                 0001 = DEFINITE FOR THE FIRST TIME  
                 0002 = DEFINITE RECURRENCE

0003 = NO RECURRENCE, DEFINITE AT PREVIOUS EXAM(S)  
0004 = POSSIBLE FOR THE FIRST TIME  
0005 = POSSIBLE RECURRENCE, DEFINITE AT PREVIOUS EXAM(S)  
0006 = POSSIBLE RECURRENCE, POSSIBLE ONLY AT PREVIOUS  
EXAM(S)  
0007 = NO RECURRENCE, POSSIBLE AT PREVIOUS EXAM(S)  
9997 = DID NOT TAKE EXAM 6  
*MF446 deleted, redundant, use most recent "SOE" file*

MF447                   WORK HISTORY: OCCUPATION, PRINCIPAL BEFORE RETIREMENT,  
EXAM 6  
0001 = PROFESSIONAL  
0002 = EXECUTIVE  
0003 = SUPERVISORY  
0004 = TECHNICAL  
0005 = LABORER  
0006 = CLERICAL  
0007 = SALES  
0008 = HOUSEWIFE  
9999 = UNKNOWN OR UNCLASSIFIABLE  
9997 = DID NOT TAKE EXAM 6

MF448                   WORK HISTORY: TYPE OF EMPLOYMENT, EXAM 6  
0001 = SELF-EMPLOYED  
0002 = EMPLOYED BY OTHERS  
9999 = UNKNOWN OR UNCLASSIFIABLE  
9997 = DID NOT TAKE EXAM 6

MF449                   WORK HISTORY: MORE THAN ONE JOB AT ANY EXAM, EXAM 6  
0000 = NO  
0001 = HOUSEWIFE PLUS OTHER EMPLOYMENT  
0002 = OTHER PERSON WITH TWO OR MORE JOBS  
0003 = RETIRED NOW, BUT WORKING  
9997 = DID NOT TAKE EXAM 6

MF450                   WORK HISTORY: FREQUENT CHANGE OF JOB (TWO OR MORE SINCE  
EXAM 1), EXAM 6  
0000 = NO  
0001 = CHANGE IN EMPLOYER ONLY  
0002 = CHANGE IN KIND OF WORK  
0003 = BOTH CHANGE IN EMPLOYER AND CHANGE IN KIND OF WORK  
9997 = DID NOT TAKE EXAM 6

MF451                   FATHER'S AGE AT DEATH OR PRESENT AGE IF LIVING, EXAM 6  
0020-0099 KNOWN, IN YEARS  
0000 = UNKNOWN AGE  
9999 = UNKNOWN WHETHER LIVING OR DEAD  
9997 = DID NOT TAKE EXAM 6

MF452                   FATHER LIVING, EXAM 6  
0000 = NO

0001 = YES  
9999 = UNKNOWN WHETHER LIVING OR DEAD  
9997 = DID NOT TAKE EXAM 6

MF453 MOTHER'S AGE AT DEATH OR PRESENT AGE IF LIVING, EXAM 6  
0017-0099 KNOWN, IN YEARS  
0000 = UNKNOWN AGE  
9999 = UNKNOWN WHETHER LIVING OR DEAD  
9997 = DID NOT TAKE EXAM 6

MF454 MOTHER LIVING, EXAM 6  
0000 = NO  
0001 = YES  
9999 = UNKNOWN WHETHER LIVING OR DEAD  
9997 = DID NOT TAKE EXAM 6

MF455 X-RAY: CHANGE IN READING AFTER KNOWLEDGE OF CLINICAL DATA,  
EXAM 2  
0003 = NO--NO CHANGE IN READING OR EXAM 2 NOT TAKEN  
0001 = YES

MF456 X-RAY: (BEFORE) GENERALIZED CARDIAC ENLARGEMENT, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 2 NOT TAKEN

MF457 X-RAY: (BEFORE) LEFT VENTRICULAR HYPERTROPHY, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 2 NOT TAKEN

MF458 X-RAY: (BEFORE) ATRIAL HYPERTROPHY, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 2 NOT TAKEN  
("BEFORE" MEANS THE  
INTERPRETATION OF THE  
X-RAY FILM BEFORE THE  
CLINICAL DATA ARE GIVEN  
TO THE INTERPRETOR.)

MF459 X-RAY: (BEFORE) RIGHT VENTRICULAR HYPERTROPHY, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 2 NOT TAKEN



MF460           X-RAY:   (BEFORE) OTHER ABNORMAL CONTOUR, EXAM 2  
                   0000 = NO  
                   0001 = YES, DEFINITE  
                   0002 = YES, DOUBTFUL  
                   0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 2 NOT TAKEN

MF461           X-RAY:   CHANGE IN READING AFTER KNOWLEDGE OF CLINICAL DATA,  
                   EXAM 3  
                   0003 = NO--NO CHANGE IN READING OR EXAM 3 NOT TAKEN  
                   0001 = YES

MF462           X-RAY:   (BEFORE) GENERALIZED CARDIAC ENLARGEMENT, EXAM 3  
                   0000 = NO  
                   0001 = YES, DEFINITE  
                   0002 = YES, DOUBTFUL  
                   0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 3 NOT TAKEN

MF463           X-RAY:   (BEFORE) LEFT VENTRICULAR HYPERTROPHY, EXAM 3  
                   0000 = NO  
                   0001 = YES, DEFINITE  
                   0002 = YES, DOUBTFUL  
                   0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 3 NOT TAKEN

MF464           X-RAY:   (BEFORE) OTHER ABNORMAL CONTOUR, EXAM 3  
                   (EXCLUDING AH AND RVH, AS WELL AS GCE AND LVH)  
                   0000 = NO  
                   0001 = YES, DEFINITE  
                   0002 = YES, DOUBTFUL  
                   0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 3 NOT TAKEN

MF465           X-RAY:   CHANGE IN READING AFTER KNOWLEDGE OF CLINICAL DATA,  
                   EXAM 4  
                   0003 = NO--NO CHANGE IN READING OR EXAM 4 NOT TAKEN  
                   0001 = YES

MF466           X-RAY:   (BEFORE) GENERALIZED CARDIAC ENLARGEMENT, EXAM 4  
                   0000 = NO  
                   0001 = YES, DEFINITE  
                   0002 = YES, DOUBTFUL  
                   0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 4 NOT TAKEN

MF467           X-RAY:   (BEFORE) LEFT VENTRICULAR HYPERTROPHY, EXAM 4  
                   0000 = NO  
                   0001 = YES, DEFINITE  
                   0002 = YES, DOUBTFUL  
                   0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 4 NOT TAKEN

MF468           X-RAY:   (BEFORE) ATRIAL HYPERTROPHY, EXAM 4

0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 4 NOT TAKEN

MF469 X-RAY: (BEFORE) OTHER ABNORMAL CONTOUR, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
0003 = NO CHANGE IN READING X-RAY FILM, OR EXAM 4 NOT TAKEN

MF470 WEIGHT, EXAM 7  
0069-0300 KNOWN, IN POUNDS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF471 HAND GRIP, LEFT, EXAM 7  
0002-0074 KNOWN, IN KILOGRAMS MEASURED ON DYNAMOMETER  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF472 HAND GRIP, RIGHT, EXAM 7  
0003-0078 KNOWN, IN KILOGRAMS MEASURED ON DYNAMOMETER  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF473 LUNG FUNCTION: VITAL CAPACITY, EXAM 7  
0050-0600 KNOWN, IN CENTILITERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7  
*MF473 deleted, unreliable*

MF474 LUNG FUNCTION: FIRST SECOND'S VOLUME, EXAM 7  
0030-0480 KNOWN, IN CENTILITERS  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7  
*MF474 deleted, unreliable*

MF475 LUNG FUNCTION: FLOW RATE, EXAM 7  
0100-6000 KNOWN, IN MILLILITERS/SECOND  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7  
*MF475 deleted, unreliable*

MF476 BLOOD PRESSURE: ADMISSION, SYSTOLIC, EXAM 7  
0080-0270 KNOWN, IN MM HG  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF477                   BLOOD PRESSURE:   ADMISSION, DIASTOLIC, EXAM 7  
                           0030-0140   KNOWN, IN MM HG  
                           9999 =           UNKNOWN  
                           9997 =           DID NOT TAKE EXAM 7

MF478                   BLOOD PRESSURE:   FIRST EXAMINER, SYSTOLIC, EXAM 7  
                           0074-0280   KNOWN, IN MM HG  
                           9999 =           UNKNOWN  
                           9997 =           DID NOT TAKE EXAM 7

MF479                   BLOOD PRESSURE:   FIRST EXAMINER, DIASTOLIC, EXAM 7  
                           0030-0150   KNOWN, IN MM HG  
                           9999 =           UNKNOWN  
                           9997 =           DID NOT TAKE EXAM 7

MF480                   BLOOD PRESSURE:   SECOND EXAMINER, SYSTOLIC, EXAM 7  
                           0080-0290   KNOWN, IN MM HG0080-0290   KNOWN, IN MM HG  
                           9999 =           UNKNOWN  
                           9997 =           DID NOT TAKE EXAM 7

MF481                   BLOOD PRESSURE:   SECOND EXAMINER, DIASTOLIC, EXAM 7  
                           0020-0156   KNOWN, IN MM HG  
                           9999 =           UNKNOWN  
                           9997 =           DID NOT TAKE EXAM 7

MF482                   URINALYSIS:   SUGAR, EXAM 7  
                           0000 =   NEGATIVE  
                           0001 =   POSITIVE  
                           0002 =   DOUBTFUL  
                           9999 =   UNKNOWN  
                           9997 =   DID NOT TAKE EXAM 7

MF483                   URINALYSIS:   ALBUMIN, EXAM 7  
                           0000 =   NEGATIVE  
                           0001 =   POSITIVE  
                           0002 =   DOUBTFUL  
                           9999 =   UNKNOWN  
                           9997 =   DID NOT TAKE EXAM 7

MF484                   URINALYSIS:   BACTERIURIA, EXAM 7  
                           0000 =   NEGATIVE  
                           0001 =   POSITIVE  
                           0002 =   DOUBTFUL  
                           9999 =   UNKNOWN  
                           9997 =   DID NOT TAKE EXAM 7

MF485                   BLOOD ANALYSIS:   SERUM CHOLESTEROL, EXAM 7

	0111-0558, 1124 KNOWN, IN MG/100 ML
	9999 = UNKNOWN
	9997 = DID NOT TAKE EXAM 7
MF486	BLOOD ANALYSIS: PHOSPHOLIPID, EXAM 7
	0165-0625, 0968 KNOWN, IN MG/100 ML
	9999 = UNKNOWN
	9997 = DID NOT TAKE EXAM 7
MF487	BLOOD ANALYSIS: HEMATOCRIT, EXAM 7
	0025-0063 KNOWN, IN PERCENT
	9999 = UNKNOWN
	9997 = DID NOT TAKE EXAM 7
MF488	BLOOD ANALYSIS: TOTAL LIPIDS, EXAM 7
	0482-1939, 2355, 5966 KNOWN, IN MG/100 ML
	9999 = UNKNOWN
	9997 = DID NOT TAKE EXAM 7
MF489	BLOOD ANALYSIS: TRIGLYCERIDES, WHOLE SERUM, EXAM 7
	0029-0728, 1056, 2830 KNOWN, IN MG/100 ML
	9999 = UNKNOWN
	9997 = DID NOT TAKE EXAM 7
MF490	BLOOD ANALYSIS: FASTING BLOOD, EXAM 7
	0000 = NO
	0001 = YES
	9999 = UNKNOWN
	9997 = DID NOT TAKE EXAM 7
MF491	BLOOD ANALYSIS: LATEX TEST, EXAM 7
	0000 = NEGATIVE IN ALL THREE STAGES
	0001 = POSITIVE FOR SERUM
	0002 = POSITIVE FOR EUGLOBULIN
	0003 = POSITIVE IN INHIBITION STAGE
	9999 = UNKNOWN
	9997 = DID NOT TAKE EXAM 7
MF492	RELATIVE WEIGHT, EXAM 7
	0059-0222 KNOWN, IN PERCENT
	9999 = UNKNOWN
	9997 = DID NOT TAKE EXAM 7
MF493	X-RAY: HEART SIZE, EXAM 7
	0048-0247 KNOWN, INDEX DERIVED FROM NOMOGRAM
	9999 = UNKNOWN
	9997 = DID NOT TAKE EXAM 7

MF494 X-RAY: (BEFORE) GENERALIZED CARDIAC ENLARGEMENT, EXAM 7  
0000 = NO ("BEFORE" MEANS THE  
0001 = YES, DEFINITE INTERPRETATION OF THE  
0002 = YES, DOUBTFUL X-RAY FILM BEFORE THE  
9999 = UNKNOWN CLINICAL DATA ARE GIVEN  
9997 = DID NOT TAKE EXAM 7 TO THE INTERPRETOR.)

MF495 X-RAY: (BEFORE) LEFT VENTRICULAR HYPERTROPHY, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF496 X-RAY: (BEFORE) ATRIAL HYPERTROPHY, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF497 X-RAY: (BEFORE) RIGHT VENTRICULAR HYPERTROPHY, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
YES, DOUBTFUL - NONE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF498 X-RAY: (BEFORE) ABNORMAL CONTOUR OTHER THAN ENLARGEMENT,  
EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF499 X-RAY: ABNORMAL PULMONARY ARTERY, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF500 X-RAY: ABNORMAL POSITION OF HEART, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF501 X-RAY: CARDIOVASCULAR CALCIFICATION OTHER THAN AORTIC, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE

9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF502 X-RAY: AORTA TORTUOUS, ASCENDING, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF503 X-RAY: AORTA TORTUOUS, ARCH, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF504 X-RAY: AORTA TORTUOUS, DESCENDING, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF505 X-RAY: AORTA CALCIFIED, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF506 X-RAY: AORTA ABNORMALITY OTHER THAN TORTUOUS OR CALCIFIED,  
EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF507 X-RAY: ARTHRITIS, RHEUMATOID, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
YES, DOUBTFUL - NONE  
9997 = DID NOT TAKE EXAM 7

MF508 X-RAY: ARTHRITIS, GOUTY, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
YES, DOUBTFUL - NONE  
9997 = DID NOT TAKE EXAM 7

MF509 INTERIM HISTORY OF DRUGS TAKEN: DIGITALIS, EXAM 7  
0000 = NONE  
0001 = TAKING NOW

0002 = TOOK DURING INTERIM, BUT NOT AT PRESENT  
0003 = TOOK, TIME NOT RECORDED  
9999 = UNKNOWN OR DOUBTFUL  
9997 = DID NOT TAKE EXAM 7

MF510 INTERIM HISTORY OF DRUGS TAKEN: DIURETIC, EXAM 7  
0000 = NONE  
0001 = TAKING AT PRESENT  
0002 = TOOK DURING INTERIM, BUT NOT AT PRESENT  
0003 = TOOK, TIME NOT RECORDED  
9999 = UNKNOWN OR DOUBTFUL  
9997 = DID NOT TAKE EXAM 7

MF511 INTERIM HISTORY OF DRUGS TAKEN: HYPOTENSIVE, EXAM 7  
0000 = NONE  
0001 = TAKING AT PRESENT  
0002 = TOOK DURING INTERIM, BUT NOT AT PRESENT  
0003 = TOOK, TIME NOT RECORDED  
9999 = UNKNOWN OR DOUBTFUL  
9997 = DID NOT TAKE EXAM 7

MF512 INTERIM HISTORY OF DRUGS TAKEN: HYPOCHOLESTEROL, EXAM 7  
0000 = NONE  
0001 = TAKING AT PRESENT  
0002 = TOOK DURING INTERIM, BUT NOT AT PRESENT  
0003 = TOOK, TIME NOT RECORDED  
9999 = UNKNOWN OR DOUBTFUL  
9997 = DID NOT TAKE EXAM 7

MF513 INTERIM HISTORY OF DRUGS TAKEN: ANTI-COAGULANT, EXAM 7  
0000 = NONE  
0001 = TAKING AT PRESENT  
0002 = TOOK DURING INTERIM, BUT NOT AT PRESENT  
0003 = TOOK, TIME NOT RECORDED  
9999 = UNKNOWN OR DOUBTFUL  
9997 = DID NOT TAKE EXAM 7

MF514 INTERIM HISTORY OF DIET PRESCRIBED, EXAM 7  
0000 = NONE, EITHER PRESCRIBED OR FOLLOWED  
0001 = PRESCRIBED BUT NOT FOLLOWED  
0002 = PRESCRIBED AND BEING FOLLOWED, 3 OR MORE MONTHS,  
0003 = PRESCRIBED AND FOLLOWED, 3 OR MORE MONTHS,  
BUT NOT AT PRESENT  
0004 = PRESCRIBED AND FOLLOWED AT PRESENT, FOR LESS  
THAN 3 MONTHS  
0005 = PRESCRIBED AND FOLLOWED FOR LESS THAN 3  
MONTHS, BUT NOT AT PRESENT  
0006 = FOLLOWED A DIET THAT WAS NOT PRESCRIBED  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF515 INTERIM HISTORY OF DIET FOLLOWED: DIABETIC, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF516 INTERIM HISTORY OF DIET FOLLOWED: HYPOCHOLESTEROL, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF517 INTERIM HISTORY OF DIET FOLLOWED: WEIGHT CONTROL, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF518 INTERIM HISTORY OF DIET FOLLOWED: ULCER, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF519 INTERIM HISTORY OF DIET FOLLOWED: SALT RESTRICTION, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF520 INTERIM HISTORY OF DIET FOLLOWED: OTHER TYPE (IRON RICH,  
LOW RESIDUE, LOW CALCIUM, LOW FAT FOR GALLBLADDER DISEASE,  
BLAND, LOW PURINE), EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF521 LIFETIME HISTORY OF GOUT, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF522 LIFETIME HISTORY OF DIABETES: AGE AT WHICH DIABETES  
WAS DIAGNOSED, EXAM 7  
0017-0072 KNOWN, IN YEARS  
9999 = UNKNOWN DIABETES OR AGE NOT REPORTED  
1000 = NO HISTORY OF DIABETES  
0992 = NO LIFETIME HISTORY OF DIABETES



9997 = DID NOT TAKE EXAM 7  
NOTE: See most recent "diabetes" file for more frequently used  
diabetes variable,

\*\*\*Version 3: 05-07-2008  
added 0992 as a valid code

MF523 LIFETIME HISTORY OF DIABETES: TREATMENT OF DIABETES, EXAM 7  
0000 = NONE AT PRESENT  
0001 = USES INSULIN  
0002 = USES ORAL MEDICATION  
0003 = BOTH INSULIN AND ORAL MEDICATION  
0004 = DIET ONLY  
9999 = NOT REPORTED  
1000 = NO HISTORY OF DIABETES  
0992 = NO LIFETIME HISTORY OF DIABETIC TREATMENT  
9997 = DID NOT TAKE EXAM 7

NOTE: See most recent "diabetes" file for more frequently used  
diabetes variable,

\*\*\*Version 1: 08-22-2007  
added 0992 as a valid code

MF524 LIFETIME HISTORY OF DIABETES: DIABETES IN PARENT, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN FAMILY HISTORY  
9997 = DID NOT TAKE EXAM 7

MF525 LIFETIME HISTORY OF DIABETES: DIABETES IN SIBLING, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN FAMILY HISTORY  
9997 = DID NOT TAKE EXAM 7

MF526 LIFETIME HISTORY OF DIABETES: DIABETES IN CHILD, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN FAMILY HISTORY  
9997 = DID NOT TAKE EXAM 7

MF527 LIFETIME HISTORY OF DIABETES: DIABETES IN SPOUSE, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN FAMILY HISTORY  
9997 = DID NOT TAKE EXAM 7

MF528 LIFETIME HISTORY OF DIABETES: DIABETES IN OTHER FAMILY  
MEMBER, EXAM 7  
0000 = NO  
0001 = YES

9999 = UNKNOWN FAMILY HISTORY  
9997 = DID NOT TAKE EXAM 7

MF529                   LIFETIME HISTORY OF THYROID DISEASE: THYROID SURGERY, EXAM 7  
                  0992 = NO HISTORY OF THYROID SURGERY  
                  1000 = NO HISTORY OF THYROID DISEASE  
                  0000 = NO THYROID SURGERY  
                  0001 = SURGERY ONCE AFTER EXAM 1, NOT BEFORE EXAM 1  
                  0002 = SURGERY MORE THAN ONCE AFTER EXAM 1, BUT NOT  
                          BEFORE EXAM 1  
                  0003 = SURGERY ONCE BEFORE EXAM 1, NOT AFTER EXAM 1  
                  0004 = SURGERY MORE THAN ONCE BEFORE EXAM 1, NOT AFTER  
                          EXAM 1  
                  0005 = SURGERY ONCE AFTER EXAM 1, ONCE BEFORE EXAM 1  
                  0006 = SURGERY MORE THAN ONCE AFTER EXAM 1, ONCE BEFORE  
                          EXAM 1  
                  0007 = SURGERY ONCE AFTER EXAM 1, MORE THAN ONCE BEFORE  
                          EXAM 1  
                  0008 = SURGERY MORE THAN ONCE AFTER EXAM 1, MORE THAN  
                          ONCE BEFORE EXAM 1  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 7  
\*\*\*Version 1: 08-22-2007  
                  added 0992 as a valid code

MF530                   LIFETIME HISTORY OF THYROID DISEASE: PURPOSE OF SURGERY,  
                  EXAM 7  
                  0992 = NO HISTORY OF THYROID SURGERY  
                  1000 = NO HISTORY OF THYROID DISEASE  
                  0000 = NO SURGERY  
                  0001 = NODULE  
                  0002 = HYPERTHYROIDISM  
                  0003 = OTHER  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 7  
\*\*\*Version 1: 08-22-2007  
                  added 0992 as a valid code

MF531                   LIFETIME HISTORY OF THYROID DISEASE: OTHER THYROID DISEASE,  
                  EXAM 7  
                  0992 = NO HISTORY OF OTHER THYROID DISEASE  
                  1000 = NO HISTORY OF THYROID DISEASE  
                  0000 = NONE  
                  0001 = HYPERTHYROID, WITHOUT GOITER  
                  0002 = HYPOTHYROID  
                  0003 = GOITER, NOT HYPERTHYROID  
                  0004 = CANCER  
                  0005 = NODULE  
                  0006 = OTHER OR UNKNOWN TYPE  
                  0007 = HYPERTHYROID WITH GOITER  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 7  
\*\*\*Version 1: 08-22-2007  
                  added 0992 as a valid code

MF532                   LIFETIME HISTORY OF THYROID DISEASE:   CURRENT STATUS OF  
 THYROID DISEASE, EXAM 7  
     0992 = NO HISTORY OF OTHER THYROID DISEASE  
     1000 = NO HISTORY OF THYROID DISEASE  
     0000 = NORMAL  
     0001 = HYPERTHYROID, ON MEDICATION  
     0002 = HYPERTHYROID, NOT ON MEDICATION  
     0003 = HYPOTHYROID, ON MEDICATION  
     0004 = HYPOTHYROID, NOT ON MEDICATION  
     0005 = EUTHYROID, BUT NOT ON MEDICATION  
     0006 = EUTHYROID, ON MEDICATION  
     9999 = UNKNOWN  
     9997 = DID NOT TAKE EXAM 7  
 \*\*\*Version 1:   08-22-2007  
                   added 0992 as a valid code

MF533                   LIFETIME HISTORY OF MENOPAUSE:   AGE AT WHICH MENSES CEASED,  
 EXAM 7  
     0016-0058 KNOWN, IN YEARS  
     9999 =        UNKNOWN AGE  
     1999 =        UNKNOWN IF MENSES CEASED  
     2000 =        MENSES NOT CEASED, WOMAN. MAN  
     9997 =        DID NOT TAKE EXAM 7  
*MF533 deleted, use most recent "menopause" file*

MF534                   LIFETIME HISTORY OF MENOPAUSE:   TYPE OF MENOPAUSE, EXAM 7  
     0001 = NATURAL  
     0002 = SURGICAL, OVARIES LEFT IN SITU  
     0003 = SURGICAL, ONE OVARY REMOVED  
     0004 = SURGICAL, BOTH OVARIES REMOVED  
     0005 = SURGICAL, OVARIAN STATUS UNKNOWN  
     0006 = RADIOLOGICAL  
     0007 = HORMONE (RX) THERAPY  
     9999 = UNKNOWN TYPE  
     1999 = UNKNOWN IF MENSES CEASED  
     2000 = MENSES NOT CEASED, WOMAN. MAN  
     9997 = DID NOT TAKE EXAM 7  
*MF534 deleted, use most recent "menopause" file*

MF535                   LIFETIME HISTORY OF MENOPAUSE:   HORMONE THERAPY, EXAM 7  
     0000 = NONE, WOMAN. MAN  
     0001 = TAKEN LESS THAN ONE YEAR  
     0002 = TAKEN ONE YEAR OR MORE  
     0003 = TAKEN FOR AN UNKNOWN PERIOD  
     9999 = UNKNOWN WHETHER TAKEN OR NOT  
     9997 = DID NOT TAKE EXAM 7

MF536                   LIFETIME HISTORY OF MENOPAUSE:   PELVIC RADIATION THERAPY,  
 EXAM 7  
     0000 = NONE, WOMAN. MAN  
     0001 = TAKEN

9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF537                   PRESENT HISTORY OF SMOKING:   NUMBER OF CIGARETTES/DAY, EXAM 7  
                  0000 =   NONE, BUT SMOKES NOW  
                  0001 =   ONE;LESS THAN ONE PER DAY; OCCASIONAL  
                  0002-0090   KNOWN  
                  9999 =   UNKNOWN OR INDETERMINABLE NUMBER  
                  2000 =   DOES NOT SMOKE  
                  1999 =   UNKNOWN WHETHER SMOKES  
                  9997 =   DID NOT TAKE EXAM 7

MF538                   PRESENT HISTORY OF SMOKING:   NUMBER OF CIGARS/DAY, EXAM 7  
                  0000 =   NONE, BUT SMOKES NOW  
                  0001 =   ONE, OR LESS THAN ONE PER DAY  
                  0002-0007   KNOWN  
                  0008 =   EIGHT OR MORE  
                  9999 =   UNKNOWN  
                  2000 =   DOES NOT SMOKE  
                  1999 =   UNKNOWN WHETHER SMOKES  
                  9997 =   DID NOT TAKE EXAM 7

MF539                   PRESENT HISTORY OF SMOKING:   NUMBER OF PIPES/DAY, EXAM 7  
                  0000 =   NONE, BUT SMOKES NOW  
                  0001 =   ONE, OR LESS THAN ONE PER DAY  
                  0002-0007   KNOWN  
                  0008 =   EIGHT OR MORE  
                  9999 =   UNKNOWN  
                  2000 =   DOES NOT SMOKE  
                  1999 =   UNKNOWN WHETHER SMOKES  
                  9997 =   DID NOT TAKE EXAM 7

MF540                   PRESENT HISTORY OF SMOKING:   USES CIGARETTE WITH FILTER,  
EXAM 7  
                  0000 =   NO, BUT SMOKES NOW  
                  0001 =   YES  
                  0002 =   PART OF THE TIME  
                  9999 =   UNKNOWN  
                  2000 =   DOES NOT SMOKE  
                  1999 =   UNKNOWN WHETHER SMOKES  
                  9997 =   DID NOT TAKE EXAM 7

MF541                   PRESENT HISTORY OF SMOKING:   INHALES CIGARETTES, EXAM 7  
                  0000 =   NO, BUT SMOKES NOW  
                  0001 =   YES  
                  0002 =   PART OF THE TIME  
                  9999 =   UNKNOWN  
                  2000 =   DOES NOT SMOKE  
                  1999 =   UNKNOWN WHETHER SMOKES  
                  9997 =   DID NOT TAKE EXAM 7

MF542                   PRESENT HISTORY OF SMOKING:   PORTION OF CIGARETTE SMOKED,  
EXAM 7  
      0000 =   NONE, BUT SMOKES NOW  
      0001 =   THREE-FOURTHS OR MORE  
      0002 =   ONE-HALF TO THREE-FOURTHS  
      0003 =   LESS THAN ONE-HALF  
      9999 =   UNKNOWN PROPORTION  
      2000 =   DOES NOT SMOKE  
      1999 =   UNKNOWN WHETHER SMOKES  
      9997 =   DID NOT TAKE EXAM 7

MF543                   PRESENT ALCOHOL INTAKE:   NUMBER OF HIGHBALLS OR COCKTAILS PER  
EXAM 7  
      0000 =   NONE, BUT DRINKS NOW  
      0001 =   ONE, OR LESS THAN ONE PER MONTH  
      0002-0097 KNOWN  
      0098 =   NINETY-EIGHT OR MORE PER MONTH  
      9999 =   UNKNOWN  
      2000 =   DOES NOT DRINK  
      1999 =   UNKNOWN WHETHER DRINKS  
      9997 =   DID NOT TAKE EXAM 7

MF544                   PRESENT ALCOHOL INTAKE:NUMBER OF 8-OUNCE UNITS OF BEER PER MO  
EXAM 7  
      0000 =   NONE, BUT DRINKS NOW  
      0001 =   ONE, OR LESS THAN ONE PER MONTH  
      0002-0900 KNOWN  
      9999 =   UNKNOWN  
      2000 =   DOES NOT DRINK  
      1999 =   UNKNOWN WHETHER DRINKS  
      9997 =   DID NOT TAKE EXAM 7

MF545                   PRESENT ALCOHOL INTAKE:NUMBER OF 4-OUNCE UNITS OF WINE PER MO  
EXAM 7  
      0000 =   NONE, BUT DRINKS NOW  
      0001 =   ONE, OR LESS THAN ONE PER MONTH  
      0002-0097 KNOWN  
      0098 =   NINETY-EIGHT OR MORE PER MONTH  
      9999 =   UNKNOWN  
      2000 =   DOES NOT DRINK  
      1999 =   UNKNOWN WHETHER DRINKS  
      9997 =   DID NOT TAKE EXAM 7

MF546                   HISTORY OF EYES:   HAS TROUBLE READING WITHOUT GLASSES, EXAM 7  
      0000 =   NO  
      0001 =   YES  
      9999 =   UNKNOWN  
      9997 =   DID NOT TAKE EXAM 7

MF547                   HISTORY OF EYES:   AGE WHEN FIRST NOTICED READING BETTER  
WITH READING MATERIAL MOVED FARTHER AWAY, EXAM 7  
      0000 =   DOES NOT READ BETTER WITH PAGE MOVED

FARTHER AWAY  
0005-0069 KNOWN, IN YEARS  
9999 = UNKNOWN AGE  
1999 = UNKNOWN WHETHER READS BETTER WITH READING  
MATERIAL MOVED FARTHER AWAY  
9997 = DID NOT TAKE EXAM 7

MF548 CHEST EXAMINATION: INCREASED ANTEROPOSTERIOR DIAMETER, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF549 CHEST EXAMINATION: KYPHOSIS, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF550 CHEST EXAMINATION: DEPRESSED STERNUM, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF551 CHEST EXAMINATION: SCOLIOSIS, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF552 CHEST EXAMINATION: BREATH SOUNDS, EXAM 7  
0000 = NORMAL  
0001 = ABNORMAL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF553 CHEST EXAMINATION: RALES8 EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF554 LEG EXAMINATION: ANKLE EDEMA, EXAM 7  
0000 = NONE, EITHER SIDE  
0001 = GRADE I, EITHER OR BOTH SIDES  
0002 = GRADE II OR MORE, EITHER OR BOTH SIDES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF555           LEG EXAMINATION:   VARICES, EXAM 7  
                  0000 = NONE  
                  0001 = GRADE I, EITHER OR BOTH SIDES  
                  0002 = GRADE II OR MORE, EITHER OR BOTH SIDES  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 7

MF556           EYE EXAMINATION:   ARCUS SENILIS, EXAM 7  
                  0000 = NO  
                  0001 = YES  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 7

MF557           EYE EXAMINATION:   EXOPHTHALMOS, EXAM 7  
                  0000 = NO  
                  0001 = YES  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 7

MF558           EYE EXAMINATION:   XANTHELASMA, EXAM 7  
                  0000 = NO  
                  0001 = YES  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 7

MF559           SKIN EXAMINATION:   XANTHOMATA, EXAM 7  
                  0000 = NO  
                  0001 = YES  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 7

MF560           THYROID EXAMINATION:   SCAR PRESENT, EXAM 7  
                  0000 = NO  
                  0001 = YES  
                  9999 = UNKNOWN  
                  9997 = DID NOT TAKE EXAM 7

MF561           THYROID EXAMINATION:   NODULES, EXAM 7  
                  0000 = NONE  
                  0001 = SINGLE  
                  0002 = MULTIPLE  
                  9999 = UNKNOWN  
                  9999 = DID NOT TAKE EXAM 7

MF562           THYROID EXAMINATION:   DIFFUSE ENLARGEMENT, EXAM 7  
                  0000 = NONE  
                  0001 = SLIGHT  
                  0002 = MEDIUM  
                  0003 = MARKED

9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF563            THYROID EXAMINATION:   EVIDENCE OF TOXICITY, EXAM 7  
                 0000 = NO  
                 0001 = YES  
                 9999 = UNKNOWN  
                 9997 = DID NOT TAKE EXAM 7

MF564            THYROID EXAMINATION:   CERVICAL ADENOPATHY, EXAM 7  
                 0000 = NO  
                 0001 = YES  
                 9999 = UNKNOWN  
                 9997 = DID NOT TAKE EXAM 7

MF565            EXAMINER'S OPINION:   SIGNS OF RHEUMATOID ARTHRITIS, EXAM 7  
                 0000 = NO  
                 0001 = YES  
                 9999 = UNKNOWN  
                 9997 = DID NOT TAKE EXAM 7

MF566            ECG:   GENERAL IMPRESSION, EXAM 7  
                 0000 = NORMAL  
                 0001 = ABNORMAL DEFINITELY  
                 0002 = ABNORMAL DOUBTFULLY  
                 9999 = UNKNOWN (#6418)  
                 9997 = DID NOT TAKE EXAM 7

MF567            ECG:   MYOCARDIAL INFARCTION, EXAM 7  
                 0000 = NONE EVER SEEN ON ECG TAKEN BY FRAMINGHAM HEART  
                                 CLINIC  
                 0001 = DEFINITE FOR THE FIRST TIME  
                 0002 = DEFINITE EVIDENCE OF A NEW MI  
                 0003 = OLD MI EVIDENCE STILL DEFINITE  
                 0004 = DOUBTFUL FOR THE FIRST TIME  
                 0005 = DOUBTFUL EVIDENCE OF A NEW MI  
                 0006 = DOUBTFUL EVIDENCE OF AN OLD MI  
                 0007 = NORMAL NOW, PREVIOUSLY DEFINITE MI  
                 0008 = NORMAL NOW, PREVIOUSLY DOUBTFUL MI  
                 9999 = UNKNOWN  
                 9997 = DID NOT TAKE EXAM 7

MF568            ECG:   CORONARY INSUFFICIENCY, EXAM 7  
                 0000 = NO  
                 0001 = YES, DEFINITE  
                 0002 = YES, DOUBTFUL  
                 9999 = UNKNOWN  
                 9997 = DID NOT TAKE EXAM 7

MF569            ECG:   LEFT VENTRICULAR HYPERTROPHY, EXAM 7



0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF570 ECG: INTRAVENTRICULAR BLOCK, EXAM 7  
0000 = NONE  
0001 = LEFT BUNDLE BRANCH BLOCK, DEFINITE  
0002 = LEFT BUNDLE BRANCH BLOCK, DOUBTFUL  
0003 = RIGHT BUNDLE BRANCH BLOCK, DEFINITE  
0004 = RIGHT BUNDLE BRANCH BLOCK, DOUBTFUL  
0005 = LEFT BUNDLE BRANCH BLOCK, INCOMPLETE  
0006 = RIGHT BUNDLE BRANCH BLOCK, INCOMPLETE  
0007 = INDETERMINATE INTRAVENTRICULAR BLOCK, DEFINITE  
0008 = INDETERMINATE INTRAVENTRICULAR BLOCK, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF571 ECG: ATRIOVENTRICULAR BLOCK, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF572 ECG: NON-SPECIFIC T-WAVE ABNORMALITY, EXAM 7  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF573 ECG: ARRHYTHMIA, EXAM 7  
0000 = NO  
0001 = ATRIAL FIBRILLATION  
0002 = OTHER ARRHYTHMIA  
0003 = DOUBTFUL ARRHYTHMIA  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF574 ECG: PR INTERVAL LESS THAN 0.12 SECOND, EXAM 7  
0000 = NO  
0001 = YES  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF575 ECG: VENTRICULAR RATE, EXAM 7  
0040-0220 KNOWN, BEATS PER MINUTE  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 7

MF576                   DIAGNOSIS:   HYPERTENSION, EXAM 7  
                           0001 =   HYPERTENSIVE, TREATED  
                           0002 =   HYPERTENSIVE, UNTREATED  
                           0003 =   BORDERLINE HYPERTENSION, TREATED  
                           0004 =   BORDERLINE HYPERTENSION, UNTREATED  
                           0005 =   NORMOTENSIVE, TREATED  
                           0006 =   NORMOTENSIVE, UNTREATED  
                           9997 =   DID NOT TAKE EXAM 7  
                           *MF576 deleted, changing definition over time*

MF577                   DIAGNOSIS:   FUNCTIONAL CLASS, EXAM 7  
                           0000 =   NO DEFINITE HEART DISEASE  
                           0001 =   CLASS I  
                           0002 =   CLASS II  
                           0003 =   CLASS III  
                           0004 =   CLASS IV  
                           9997 =   DID NOT TAKE EXAM 7

MF578                   DIAGNOSIS:   CONGESTIVE HEART FAILURE, EXAM 7  
                           0000 =   NEVER PRESENT  
                           0001 =   DEFINITE FOR THE FIRST TIME  
                           0002 =   DEFINITE RECURRENCE DURING INTERIM  
                           0003 =   NO RECURRENCE, DEFINITE AT EARLIER EXAM(S)  
                           0004 =   POSSIBLE FOR THE FIRST TIME  
                           0005 =   POSSIBLE RECURRENCE, DEFINITE AT EARLIER EXAM(S)  
                           0006 =   POSSIBLE RECURRENCE, POSSIBLE AT EARLIER EXAM(S)  
                           0007 =   NO RECURRENCE, POSSIBLE AT EARLIER EXAM(S)  
                           9997 =   DID NOT TAKE EXAM 7  
                           *MF578 deleted, use most recent "SOE" file*

MF579                   PHYSICAL ACTIVITY INDEX, EXAM 4  
                           0024-0083   KNOWN, INDEX DERIVED FROM HOURS OF ACTIVITY  
   AND REST  
                           9999 =   UNKNOWN  
                           9997 =   DID NOT TAKE EXAM 4

MF580                   AGE, EXAM 1 (BASED ON DAY-MONTH-YEAR OF BIRTH AND EXAM 1)  
                           0000 =   29-34 YEARS  
                           0001 =   35-39 YEARS  
                           0002 =   40-44 YEARS  
                           0003 =   45-49 YEARS  
                           0004 =   50-54 YEARS  
                           0005 =   55-59 YEARS  
                           0006 =   60-62 YEARS  
                           *MF580 deleted, redundant, use most recent "basic" file*

MF581                   BLOOD ANALYSIS:   SERUM CHOLESTEROL, EXAM 1 OR EXAM 2  
                           IF VALUE AT EXAM 1 IS MISSING  
                           0096-0534   KNOWN, IN MG/100 ML  
                           9999 =   UNKNOWN

MF582                   WEIGHT AT AGE 25  
                           0060-0279   KNOWN, IN POUNDS  
                           9999 =           UNKNOWN

MF583                   PULSE RATE, EXAM 1  
                           0030-0170   KNOWN, PER MINUTE

MF584                   LUNG FUNCTION:   VITAL CAPACITY, EXAM 1  
                           0005-0060   KNOWN, IN DECILITERS  
                           9999 =           UNKNOWN  
 MF584 deleted, unreliable

MF585                   EVENT (BASED ON SCHEDULE DATE OF EXAM):   CORONARY HEART  
 DISEASE (CHD)  
                           0000 =           NONE PRE-EXISTING AT EXAM 1 OR DEFINITE  
   AT EXAM 2 TO 8  
                           0001 =           PRE-EXISTING AT EXAM 1  
                           0002-0008       EXAM AT WHICH DEFINITE CHD IS FIRST  
   DIAGNOSED, NO PRE-EXISTING CHD  
 MF585 deleted, redundant, use most recent "SOE" file

MF586                   EVENT (BASED ON SCHEDULE DATE OF EXAM):   CORONARY HEART  
 DISEASE OTHER THAN ANGINA PECTORIS  
                           0000 =           NONE DEFINITE AT EXAMS 1 TO 8  
                           0001-0008       EXAM AT WHICH DEFINITE CHD OTHER THAN  
   AP IS FIRST DIAGNOSED  
 MF586 deleted, redundant, use most recent "SOE" file

MF587                   EVENT (BASED ON SCHEDULE DATE OF EXAM):   ANGINA PECTORIS  
 (AP) ONLY, WITHOUT OTHER EVIDENCE OF DEFINITE CHD AT  
 EXAMS 1 TO 8  
                           0000 =           NONE DEFINITE AT EXAMS 1 TO 8  
                           0001-0008       EXAM AT WHICH DEFINITE AP IS FIRST  
   DIAGNOSED  
 MF587 deleted, redundant, use most recent "SOE" file

MF588                   EVENT (BASED ON SCHEDULE DATE OF EXAM):   ANGINA PECTORIS  
 BEFORE CORONARY INSUFFICIENCY (CI) AND MYOCARDIAL  
 INFARCTION (MI)  
                           0000 =           NONE DEFINITE AT EXAMS 1 TO 8  
                           0001-0008       EXAM AT WHICH DEFINITE AP IS FIRST  
   DIAGNOSED, WITH FIRST DEFINITE CI  
   AND FIRST DEFINITE MI OCCURING  
   AFTER THE AP OR NOT AT ALL BY EXAM 8  
 MF588 deleted, redundant, use most recent "SOE" file

MF589                   EVENT (BASED ON SCHEDULE DATE OF EXAM):   CORONARY  
 INSUFFICIENCY BEFORE MYOCARDIAL INFARCTION  
                           0000 =           NONE DEFINITE AT EXAMS 1 TO 8

0001-0008 EXAM AT WHICH DEFINITE CI IS FIRST  
DIAGNOSED, WITH FIRST DEFINITE MI  
OCCURRING AFTER THE CI OR NOT AT  
ALL BY EXAM 8

*MF589 deleted, redundant, use most recent "SOE" file*

MF590 EVENT (BASED ON SCHEDULE DATE OF EXAM): MYOCARDIAL  
INFARCTION

0000 = NONE DEFINITE AT EXAMS 1 TO 8  
0001-0008 EXAM AT WHICH DEFINITE MI IS FIRST  
DIAGNOSED

*MF590 deleted, redundant, use most recent "SOE" file*

MF591 EVENT (BASED ON SCHEDULE DATE OF EXAM): DEATH FROM  
CORONARY HEART DISEASE, SUDDEN

0000 = NONE BY EXAM 8  
0002-0008 EXAM AT WHICH SUDDEN DEATH FROM CHD  
IS DIAGNOSED

*MF591 deleted, redundant, use most recent "SOE" file*

MF592 EVENT (BASED ON SCHEDULE DATE OF EXAM): DEATH FROM  
CORONARY HEART DISEASE, NOT SUDDEN

0000 = NONE BY EXAM 8  
0002-0008 EXAM AT WHICH DEATH, NOT SUDDEN, FROM  
CHD IS DIAGNOSED

*MF592 deleted, redundant, use most recent "SOE" file*

MF593 EVENT (BASED ON SCHEDULE DATE OF EXAM): DEATH

0000 = NONE BY EXAM 8  
0002-0008 EXAM AT WHICH DEATH IS DIAGNOSED

*MF593 deleted, redundant, use most recent "SOE" file*

MF594 EVENT (BASED ON SCHEDULE DATE OF EXAM): CEREBROVASCULAR  
ACCIDENT (VA)

0000 = NONE PRE-EXISTING AT EXAM 1  
0001 = PRE-EXISTING AT EXAM 1  
0002-0008 EXAM AT WHICH DEFINITE CVA IS FIRST  
DIAGNOSED, NO PRE-EXISTING CVA

*MF594 deleted, redundant, use most recent "SOE" file*

MF595 EVENT (BASED ON SCHEDULE DATE OF EXAM): BRAIN  
INFARCTION (BI)

0000 = NONE DEFINITE AT EXAMS 1 TO 8  
0001-0008 EXAM AT WHICH DEFINITE BI IS FIRST  
DIAGNOSED

*MF595 deleted, redundant, use most recent "SOE" file*

MF596 EVENT (BASED ON SCHEDULE DATE OF EXAM): CEREBROVASCULAR  
ACCIDENT OTHER THAN BRAIN INFARCTION

0000 = NONE DEFINITE AT EXAMS 1 TO 8  
0001-0008 EXAM AT WHICH DEFINITE CVA OTHER THAN

BI IS FIRST DIAGNOSED

*MF596 deleted, redundant, use most recent "SOE" file*

MF597           EVENT (BASED ON DATE OF EXAM):   ANGINA PECTORIS (AP)  
                  0000 =           NONE DEFINITE AT EXAMS 1 TO 8  
                  0001-0008       EXAM AT WHICH DEFINITE AP IS FIRST  
                                      DIAGNOSED

*MF597 deleted, redundant, use most recent "SOE" file*

MF598           EVENT (BASED ON DATE OF EXAM):   CORONARY INSUFFICIENCY (CI)  
                  0000 =           NONE DEFINITE AT EXAMS 1 TO 8  
                  0001-0008       EXAM AT WHICH DEFINITE CI IS FIRST  
                                      DIAGNOSED

*MF598 deleted, redundant, use most recent "SOE" file*

MF599           EVENT (BASED ON DATE OF EXAM):   MYOCARDIAL INFARCTION (MI)  
                  BY ELECTROCARDIOGRAM (ECG)  
                  0000 =           NONE DEFINITE AT EXAMS 1 TO 8  
                  0001-0008       EXAM AT WHICH DEFINITE MI BY ECG IS  
                                      FIRST DIAGNOSED

*MF599 deleted, redundant, use most recent "SOE" file*

MF600           EVENT (BASED ON DATE OF EXAM):   MYOCARDIAL INFARCTION (MI)  
                  BY ECG AND HISTORY  
                  0000 =           NONE DEFINITE AT EXAMS 1 TO 8  
                  0001-0008       EXAM AT WHICH DEFINITE MI BY ECG AND  
                                      HISTORY IS FIRST DIAGNOSED

*MF600 deleted, redundant, use most recent "SOE" file*

MF601           EVENT (BASED ON DATE OF EXAM):   MYOCARDIAL INFARCTION BY  
                  TRANSAMINASE  
                  0000 =           NONE DEFINITE AT EXAMS 1 TO 8  
                  0001-0008       EXAM AT WHICH DEFINITE MI BY TRANSAMINASE  
                                      IS FIRST DIAGNOSED

*MF601 deleted, redundant, use most recent "SOE" file*

MF602           EVENT (BASED ON DATE OF EXAM):   MYOCARDIAL INFARCTION BY  
                  AUTOPSY  
                  0000 =           NONE BY EXAM 8  
                  0002-0008       EXAM AT WHICH DEFINITE MI BY AUTOPSY IS  
                                      FIRST DIAGNOSED

*MF602 deleted, redundant, use most recent "SOE" file*

MF603           EVENT (BASED ON DATE OF EXAM):   CORONARY HEART DISEASE (CHD)  
                  0000 =           NONE PRE-EXISTING AT EXAM 1 OR DEFINITE  
                                      AT EXAMS 2 TO 8  
                  0001 =           PRE-EXISTING AT EXAM 1  
                  0002-0008       EXAM AT WHICH DEFINITE CHD IS FIRST  
                                      DIAGNOSED, NO PRE-EXISTING CHD

*MF603 deleted, redundant, use most recent "SOE" file*

MF604                   EVENT (BASED ON DATE OF EXAM):   CORONARY HEART DISEASE  
                          OTHER THAN ANGINA PECTORIS  
                          0000 =            NONE DEFINITE AT EXAMS 1 TO 8  
                          0001-0008       EXAM AT WHICH DEFINITE CHD OTHER THAN  
   AP IS FIRST DIAGNOSED  
                          *MF604 deleted, redundant, use most recent "SOE" file*

MF605                   EVENT (BASED ON DATE OF EXAM):   ANGINA PECTORIS ONLY,  
                          WITHOUT OTHER EVIDENCE OF DEFINITE CHD AT EXAMS 1 TO 8  
                          0000 =            NONE DEFINITE AT EXAMS 1 TO 8  
                          0001-0008       EXAM AT WHICH DEFINITE AP IS FIRST  
   DIAGNOSED  
                          *MF605 deleted, redundant, use most recent "SOE" file*

MF606                   EVENT (BASED ON DATE OF EXAM):   ANGINA PECTORIS BEFORE  
                          CORONARY INSUFFICIENCY AND MYOCARDIAL INFARCTIAL INFARCTION  
                          0000 =            NONE DEFINITE AT EXAMS 1 TO 8  
                          0001-0008       EXAM AT WHICH DEFINITE AP IS FIRST  
   DIAGNOSED, WITH FIRST DEFINITE CI  
   AND FIRST DEFINITE MI OCCURRING  
   AFTER THE AP OR NOT AT ALL BY EXAM 8  
                          *MF606 deleted, redundant, use most recent "SOE" file*

MF607                   EVENT (BASED ON DATE OF EXAM):   CORONARY INSUFFICIENCY  
                          BEFORE MYOCARDIAL INFARCTION  
                          0000 =            NONE DEFINITE AT EXAMS 1 TO 8  
                          0001-0008       EXAM AT WHICH DEFINITE CI IS FIRST  
   DIAGNOSED, WITH FIRST DEFINITE MI  
   OCCURRING AFTER THE CI OR NOT AT  
   ALL BY EXAM 8  
                          *MF607 deleted, redundant, use most recent "SOE" file*

MF608                   EVENT (BASED ON DATE OF EXAM):   MYOCARDIAL INFARCTION  
                          0000 =            NONE DEFINITE AT EXAMS 1 TO 8  
                          0001-0008       EXAM AT WHICH DEFINITE MI IS FIRST  
   DIAGNOSED  
                          *MF608 deleted, redundant, use most recent "SOE" file*

MF609                   EVENT (BASED ON DATE OF EXAM):   DEATH FROM CORONARY  
                          HEART DISEASE, SUDDEN  
                          0000 =            NONE BY EXAM 8  
                          0002-0008       EXAM AT WHICH DEATH, SUDDEN, FROM CHD  
   IS DIAGNOSED  
                          *MF609 deleted, redundant, use most recent "SOE" file*

MF610                   EVENT (BASED ON DATE OF EXAM):   DEATH FROM CORONARY  
                          HEART DISEASE, NOT SUDDEN  
                          0000 =            NONE BY EXAM 8  
                          0002-0008       EXAM AT WHICH DEATH, NOT SUDDEN, FROM  
   CHD IS DIAGNOSED  
                          *MF610 deleted, redundant, use most recent "SOE" file*

MF611                   EVENT (BASED ON DATE OF EXAM):   DEATH  
                           0000 =               NONE BY EXAM 8  
                           0002-0008       EXAM AT WHICH DEATH IS DIAGNOSED  
*MF611 deleted, redundant, use most recent "SOE" file*

MF612                   EVENT (BASED ON DATE OF EXAM):   CEREBROVASCULAR  
                           ACCIDENT (CVA)  
                           0000 =               NONE PRE-EXISTING AT EXAM 1 OR DEFINITE  
   AT EXAMS 2 TO 8  
                           0001 =               PRE-EXISTING AT EXAM 1  
                           0002-0008       EXAM AT WHICH DEFINITE CVA IS FIRST  
   DIAGNOSED, NO PRE-EXISTING CVA  
*MF612 deleted, redundant, use most recent "SOE" file*

MF613                   EVENT (BASED ON DATE OF EXAM):   BRAIN INFARCTION (BI)  
                           0000 =               NONE DEFINITE AT EXAMS 1 TO 8  
                           0001-0008       EXAM AT WHICH DEFINITE BI IS FIRST  
   DIAGNOSED  
*MF613 deleted, redundant, use most recent "SOE" file*

MF614                   EVENT (BASED ON DATE OF EXAM):   CEREBROVASCULAR ACCIDENT  
                           OTHER THAN BRAIN INFARCTION  
                           0000 =               NONE DEFINITE AT EXAMS 1 TO 8  
                           0001-0008       EXAM AT WHICH DEFINITE CVA OTHER THAN BI  
   IS FIRST DIAGNOSED  
*MF614 deleted, redundant, use most recent "SOE" file*

MF615                   EVENT (BASED ON DATE OF EXAM):   INTERMITTENT CLAUDICATION (IC)  
                           0000 =               NONE DEFINITE AT EXAMS 1 TO 8  
                           0001-0008       EXAM AT WHICH DEFINITE IC IS FIRST  
   DIAGNOSED  
*MF615 deleted, redundant, use most recent "SOE" file*

MF616                   EVENT (BASED ON DATE OF EXAM):   CONGESTIVE HEART FAILURE (CHF)  
                           0000 =               NONE DEFINITE AT EXAMS 1 TO 8  
                           0001-0008       EXAM AT WHICH DEFINITE CHF IS FIRST  
   DIAGNOSED  
*MF616 deleted, redundant, use most recent "SOE" file*

MF617                   EVALUATION OF CHD STATUS, EXAM 1-2  
                           0000 =               ALIVE AT EXAM 2, WITH NO OCCURRENCE OF  
   DEFINITE CHD AFTER EXAM 1  
                           0001-0009   ALIVE AT EXAM 2, WITH SOME OCCURRENCE (S)  
   OF DEFINITE CHD AFTER EXAM 1 SCORED  
   AS FOLLOWS:  
   1 - AP, FIRST OCCURRENCE  
   2 - CI, FIRST OCCURRENCE  
   4 - MI UNRECOGNIZED  
   8 - MI RECOGNIZED  
                           0040 =               DEAD AT EXAM 2, FROM CHD SUDDEN

0041 = DEAD AT EXAM 2, FROM CHD NOT SUDDEN  
 0042 = DEAD AT EXAM 2, FROM CVA  
 0043 = DEAD AT EXAM 2, FROM CARDIOVASCULAR  
           DISEASE OTHER THAN CHD AND CVA  
 0044 = DEAD AT EXAM 2, FROM CANCER  
 0045 = DEAD AT EXAM 2, FROM CAUSE OTHER THAN  
           CARDIOVASCULAR DISEASE AND CANCER

*MF617 deleted, redundant, use most recent "SOE" file*

MF618

EVALUATION OF CHD STATUS, EXAM 1-3

0000 = ALIVE AT EXAM 3, WITH NO OCCURRENCE OF  
           DEFINITE CHD AFTER EXAM 1  
 0001-0016 ALIVE AT EXAM 3, WITH SOME OCCURRENCE(S)  
           OF DEFINITE CHD AFTER EXAM 1 SCORED  
           AS FOLLOWS:

1 - AP, FIRST OCCURRENCE  
 2 - CI, FIRST OCCURRENCE  
 4 - MI UNRECOGNIZED, FIRST OCCURRENCE  
 8 - MI RECOGNIZED, FIRST OCCURRENCE  
 8 - MI RECOGNIZED, SECOND OCCURRENCE

0040 = DEAD BY EXAM 3, FROM CHD SUDDEN  
 0041 = DEAD BY EXAM 3, FROM CHD NOT SUDDEN  
 0042 = DEAD BY EXAM 3, FROM CVA  
 0043 = DEAD BY EXAM 3, FROM CARDIOVASCULAR  
           DISEASE OTHER THAN CHD AND CVA  
 0044 = DEAD BY EXAM 3, FROM CANCER  
 0045 = DEAD BY EXAM 3, FROM CAUSE OTHER THAN  
           CARDIOVASCULAR DISEASE AND CANCER

*MF618 deleted, redundant, use most recent "SOE" file*

MF619

EVALUATION OF CHD STATUS, EXAM 1-4

0000 = ALIVE AT EXAM 4, WITH NO OCCURRENCE OF  
           DEFINITE CHD AFTER EXAM 1  
 0001-0016 ALIVE AT EXAM 4, WITH SOME OCCURRENCE(S)  
           OF DEFINITE CHD AFTER EXAM 1 SCORED  
           AS FOLLOWS:

1 - AP, FIRST OCCURRENCE  
 2 - CI, FIRST OCCURRENCE  
 4 - MI UNRECOGNIZED, FIRST OCCURRENCE  
 8 - MI RECOGNIZED, FIRST OCCURRENCE  
 8 - MI RECOGNIZED, SECOND OCCURRENCE

0040 = DEAD BY EXAM 4, FROM CHD SUDDEN  
 0041 = DEAD BY EXAM 4, FROM CHD NOT SUDDEN  
 0042 = DEAD BY EXAM 4, FROM CVA  
 0043 = DEAD BY EXAM 4, FROM CARDIOVASCULAR  
           DISEASE OTHER THAN CHD AND CVA  
 0044 = DEAD BY EXAM 4, FROM CANCER  
 0045 = DEAD BY EXAM 4, FROM CAUSE OTHER THAN  
           CARDIOVASCULAR DISEASE AND CANCER

*MF619 deleted, redundant, use most recent "SOE" file*

MF620

EVALUATION OF CHD STATUS, EXAM 1-5

0000 = ALIVE AT EXAM 5, WITH NO OCCURRENCE OF  
           DEFINITE CHD AFTER EXAM 1



0001-0017 ALIVE AT EXAM 5, WITH SOME OCCURRENCE(S)  
 OF DEFINITE CHD AFTER EXAM 1 SCORED  
 AS FOLLOWS:  
     1 - AP, FIRST OCCURRENCE  
     2 - CI, FIRST OCCURRENCE  
     4 - MI UNRECOGNIZED, FIRST OCCURRENCE  
     8 - MI RECOGNIZED, FIRST OCCURRENCE  
     8 - MI RECOGNIZED, SECOND OCCURRENCE  
 0040 = DEAD BY EXAM 5, FROM CHD SUDDEN  
 0041 = DEAD BY EXAM 5, FROM CHD NOT SUDDEN  
 0042 = DEAD BY EXAM 5, FROM CVA  
 0043 = DEAD BY EXAM 5, FROM CARDIOVASCULAR  
         DISEASE OTHER THAN CHD AND CVA  
 0044 = DEAD BY EXAM 5, FROM CANCER  
 0045 = DEAD BY EXAM 5, FROM CAUSE OTHER THAN  
         CARDIOVASCULAR DISEASE AND CANCER

*MF620 deleted, redundant, use most recent "SOE" file*

MF621

EVALUATION OF CHD STATUS, EXAM 1-6  
 0000 = ALIVE AT EXAM 6, WITH NO OCCURRENCE OF  
         DEFINITE CHD AFTER EXAM 1  
 0001-0019 ALIVE AT EXAM 6, WITH SOME OCCURRENCE(S)  
             OF DEFINITE CHD AFTER EXAM 1 SCORED  
             AS FOLLOWS:  
             1 - AP, FIRST OCCURRENCE  
             2 - CI, FIRST OCCURRENCE  
             4 - MI UNRECOGNIZED, FIRST OCCURRENCE  
             8 - MI RECOGNIZED, FIRST OCCURRENCE  
             8 - MI RECOGNIZED, SECOND OCCURRENCE  
 0040 = DEAD BY EXAM 6, FROM CHD SUDDEN  
 0041 = DEAD BY EXAM 6, FROM CHD NOT SUDDEN  
 0042 = DEAD BY EXAM 6, FROM CVA  
 0043 = DEAD BY EXAM 6, FROM CARDIOVASCULAR  
         DISEASE OTHER THAN CHD AND CVA  
 0044 = DEAD BY EXAM 6, FROM CANCER  
 0045 = DEAD BY EXAM 6, FROM CAUSE OTHER THAN  
         CARDIOVASCULAR DISEASE AND CANCER

*MF621 deleted, redundant, use most recent "SOE" file*

MF622

EVALUATION OF CHD STATUS, EXAM 1-7  
 0000 = ALIVE AT EXAM 7, WITH NO OCCURRENCE OF  
         DEFINITE CHD AFTER EXAM 1  
 0001-0019 ALIVE AT EXAM 7, WITH SOME OCCURRENCE(S)  
             OF DEFINITE CHD AFTER EXAM 1 SCORED  
             AS FOLLOWS:  
             1 - AP, FIRST OCCURRENCE  
             2 - CI, FIRST OCCURRENCE  
             4 - MI UNRECOGNIZED, FIRST OCCURRENCE  
             8 - MI RECOGNIZED, FIRST OCCURRENCE  
             8 - MI RECOGNIZED, SECOND OCCURRENCE  
 0040 = DEAD BY EXAM 7, FROM CHD SUDDEN  
 0041 = DEAD BY EXAM 7, FROM CHD NOT SUDDEN  
 0042 = DEAD BY EXAM 7, FROM CVA  
 0043 = DEAD BY EXAM 7, FROM CARDIOVASCULAR  
         DISEASE OTHER THAN CHD AND CVA

0044 = DEAD BY EXAM 7, FROM CANCER  
0045 = DEAD BY EXAM 7, FROM CAUSE OTHER THAN  
CARDIOVASCULAR DISEASE AND CANCER  
*MF622 deleted, redundant, use most recent "SOE" file*

MF623 EVALUATION OF CHD STATUS, EXAM 1-8  
0000 = ALIVE AT EXAM 8, WITH NO OCCURRENCE OF  
DEFINITE CHD AFTER EXAM 1  
0001-0021 ALIVE AT EXAM 8, WITH SOME OCCURRENCE(S)  
OF DEFINITE CHD AFTER EXAM 1 SCORED  
AS FOLLOWS:  
1 - AP, FIRST OCCURRENCE  
2 - CI, FIRST OCCURRENCE  
4 - MI UNRECOGNIZED, FIRST OCCURRENCE  
8 - MI RECOGNIZED, FIRST OCCURRENCE  
8 - MI RECOGNIZED, SECOND OCCURRENCE  
0040 = DEAD BY EXAM 8, FROM CHD SUDDEN  
0041 = DEAD BY EXAM 8, FROM CHD NOT SUDDEN  
0042 = DEAD BY EXAM 8, FROM CVA  
0043 = DEAD BY EXAM 8, FROM CARDIOVASCULAR  
DISEASE OTHER THAN CHD AND CVA  
0044 = DEAD BY EXAM 8, FROM CANCER  
0045 = DEAD BY EXAM 8, FROM CAUSE OTHER THAN  
CARDIOVASCULAR DISEASE AND CANCER  
*MF623 deleted, redundant, use most recent "SOE" file*

MF624 CORONARY INSUFFICIENCY  
0000 = NO OCCURRENCE AFTER EXAM 1 OF DEFINITE  
CI BY EXAM 8  
0001-0004 NUMBER OF OCCURRENCES AFTER EXAM 1 OF  
DEFINITE CI BY EXAM 8  
*MF624 deleted, redundant, use most recent "SOE" file*

MF625 MYOCARDIAL INFARCTION UNRECOGNIZED  
0000 = NO OCCURRENCE AFTER EXAM 1 OF DEFINITE  
MI UNRECOGNIZED BY EXAM 8  
0001-0002 NUMBER OF OCCURRENCES AFTER EXAM 1 OF  
DEFINITE MI UNRECOGNIZED BY EXAM 8  
*MF625 deleted, redundant, use most recent "SOE" file*

MF626 EVALUATION OF CHD STATUS, PERIOD FROM LAST EXAM ALIVE  
TO DEATH  
0000 = NOT DEAD BY EXAM 8;  
OR NO OCCURRENCE OF DEFINITE CHD IN PERIOD;  
OR OCCURRENCE IN PERIOD OF SOME  
MANIFESTATION OF DEFINITE CHD (AP, CI,  
MI UNRECOGNIZED) WHICH HAD OCCURRED  
BEFORE PERIOD  
0001-0024 DEAD BY EXAM 8, WITH SOME OCCURRENCE(S)  
OF DEFINITE CHD IN PERIOD SCORED  
AS FOLLOWS:  
1 - AP, FIRST OCCURRENCE SINCE EXAM 1  
2 - CI, FIRST OCCURRENCE SINCE EXAM 1  
4 - MI UNRECOGNIZED, FIRST OCCURRENCE

SINCE EXAM 1  
8 - MI RECOGNIZED, FIRST OCCURRENCE  
SINCE EXAM 1  
8 - MI RECOGNIZED, SECOND OCCURRENCE  
SINCE EXAM 1  
8 - MI RECOGNIZED, THIRD OCCURRENCE  
SINCE EXAM 1  
8 - MI RECOGNIZED, FOURTH OCCURRENCE  
SINCE EXAM 1

*MF626 deleted, redundant, use most recent "SOE" file*

MF627 SCHEDULE DATE, EXAM 1  
0009-0054 NUMBER OF MONTHS AFTER DECEMBER 1947  
*MF627 deleted, redundant, use most recent "basic" file*  
*MF627 deleted to preserve confidentiality*

MF628 DATE OF EXAMINATION, EXAM 1  
0009-0064 NUMBER OF MONTHS AFTER DECEMBER 1947  
*MF628 deleted, redundant, use most recent "basic" file*  
*MF628 deleted to preserve confidentiality*

MF629 EXAMINATION STATUS, EXAM 2  
0032-0089 EXAMINED, NUMBER OF MONTHS AFTER DECEMBER 1947  
1003 = NOT EXAMINED, MOVED, DID NOT TAKE LATER EXAM  
1004 = NOT EXAMINED, REFUSED, DID NOT TAKE LATER EXAM  
1005 = NOT EXAMINED, MOVED, TOOK LATER EXAM  
1006 = NOT EXAMINED, REFUSED, TOOK LATER EXAM  
1010 = NOT EXAMINED, DEAD  
*MF629 deleted, redundant, use most recent "basic" file*  
*MF629 deleted to preserve confidentiality*

MF630 EXAMINATION STATUS, EXAM 3  
0049-0107 EXAMINED, NUMBER OF MONTHS AFTER DECEMBER 1947  
1002 = NOT EXAMINED, DEAD AT EXAM 2  
1003 = NOT EXAMINED, MOVED, DID NOT TAKE LATER EXAM  
1004 = NOT EXAMINED, REFUSED, DID NOT TAKE LATER EXAM  
1005 = NOT EXAMINED, MOVED, TOOK LATER EXAM  
1006 = NOT EXAMINED, REFUSED, TOOK LATER EXAM  
1007 = NOT EXAMINED, REFUSED AT EXAM 2  
1008 = NOT EXAMINED, DEAD AT EXAM 3, MOVED AT EXAM 2  
1009 = NOT EXAMINED, DEAD AT EXAM 3, REFUSED AT EXAM 2  
1010 = NOT EXAMINED, DEAD AT EXAM 3, TOOK EXAM 2  
1011 = NOT EXAMINED, MOVED AT EXAM 2

\*\*\*Version 1 08-15-07

*MF630 deleted - redundant, use most recent basic file*  
*MF630 deleted - to preserve confidentiality*

MF631 EXAMINATION STATUS, EXAM 4  
0073-0127 EXAMINED, NUMBER OF MONTHS AFTER DECEMBER 1947  
1002 = NOT EXAMINED, DEAD AT EARLIER EXAM  
1003 = NOT EXAMINED, MOVED, DID NOT TAKE LATER EXAM  
1004 = NOT EXAMINED, REFUSED, DID NOT TAKE LATER EXAM

1005 = NOT EXAMINED, MOVED, TOOK LATER EXAM  
 1006 = NOT EXAMINED, REFUSED, TOOK LATER EXAM  
 1007 = NOT EXAMINED, REFUSED AT EARLIER EXAM  
 1008 = NOT EXAMINED, DEAD AT EXAM 4, MOVED AT  
         EARLIER EXAM  
 1009 = NOT EXAMINED, DEAD AT EXAM 4, REFUSED AT  
         EARLIER EXAM  
 1010 = NOT EXAMINED, DEAD AT EXAM 4, TOOK EXAM 3  
 1011 = NOT EXAMINED, MOVED AT EARLIER EXAM

*MF631 deleted, redundant, use most recent "basic" file*  
*MF631 deleted to preserve confidentiality*

MF632

EXAMINATION STATUS, EXAM 5

0101-0155 EXAMINED, NUMBER OF MONTHS AFTER DECEMBER 1947  
 1002 = NOT EXAMINED, DEAD AT EARLIER EXAM  
 1003 = NOT EXAMINED, MOVED, DID NOT TAKE LATER EXAM  
 1004 = NOT EXAMINED, REFUSED, DID NOT TAKE LATER EXAM  
 1005 = NOT EXAMINED, MOVED, TOOK LATER EXAM  
 1006 = NOT EXAMINED, REFUSED, TOOK LATER EXAM  
 1007 = NOT EXAMINED, REFUSED AT EARLIER EXAM  
 1008 = NOT EXAMINED, DEAD AT EXAM 5, MOVED AT  
         EARLIER EXAM  
 1009 = NOT EXAMINED, DEAD AT EXAM 5, REFUSED AT  
         EARLIER EXAM  
 1010 = NOT EXAMINED, DEAD AT EXAM 5, TOOK EXAM 4  
 1011 = NOT EXAMINED, MOVED AT EARLIER EXAM

*MF632 deleted, redundant, use most recent "basic" file*  
*MF632 deleted to preserve confidentiality*

MF633

EXAMINATION STATUS, EXAM 6

0126-0182 EXAMINED, NUMBER OF MONTHS AFTER DECEMBER 1947  
 1002 = NOT EXAMINED, DEAD AT EARLIER EXAM  
 1003 = NOT EXAMINED, MOVED, DID NOT TAKE LATER EXAM  
 1004 = NOT EXAMINED, REFUSED, DID NOT TAKE LATER EXAM  
 1005 = NOT EXAMINED, MOVED, TOOK LATER EXAM  
 1006 = NOT EXAMINED, REFUSED, TOOK LATER EXAM  
 1007 = NOT EXAMINED, REFUSED AT EARLIER EXAM  
 1008 = NOT EXAMINED, DEAD AT EXAM 6, MOVED AT  
         EARLIER EXAM  
 1009 = NOT EXAMINED, DEAD AT EXAM 6, REFUSED AT  
         EARLIER EXAM  
 1010 = NOT EXAMINED, DEAD AT EXAM 6, TOOK EXAM 5  
 1011 = NOT EXAMINED, MOVED AT EARLIER EXAM

*MF633 deleted, redundant, use most recent "basic" file*  
*MF633 deleted to preserve confidentiality*

MF634

EXAMINATION STATUS, EXAM 7

0147-0202 EXAMINED, NUMBER OF MONTHS AFTER DECEMBER 1947  
 1002 = NOT EXAMINED, DEAD AT EARLIER EXAM  
 1003 = NOT EXAMINED, MOVED, DID NOT TAKE LATER EXAM  
 1004 = NOT EXAMINED, REFUSED, DID NOT TAKE LATER EXAM  
 1005 = NOT EXAMINED, MOVED, TOOK LATER EXAM  
 1006 = NOT EXAMINED, REFUSED, TOOK LATER EXAM  
 1007 = NOT EXAMINED, REFUSED AT EARLIER EXAM  
 1008 = NOT EXAMINED, DEAD AT EXAM 7, MOVED AT

EARLIER EXAM  
1009 = NOT EXAMINED, DEAD AT EXAM 7, REFUSED AT  
EARLIER EXAM  
1010 = NOT EXAMINED, DEAD AT EXAM 7, TOOK EXAM 6  
1011 = NOT EXAMINED, MOVED AT EARLIER EXAM  
*MF634 deleted, redundant, use most recent "basic" file*  
*MF634 deleted to preserve confidentiality*

MF635 EXAMINATION STATUS, EXAM 8  
0173-0228 EXAMINED, NUMBER OF MONTHS AFTER DECEMBER 1947  
1002 = NOT EXAMINED, DEAD AT EARLIER EXAM  
1003 = NOT EXAMINED, MOVED, DID NOT TAKE LATER EXAM  
1004 = NOT EXAMINED, REFUSED, DID NOT TAKE LATER EXAM  
1005 = NOT EXAMINED, MOVED, TOOK LATER EXAM  
1006 = NOT EXAMINED, REFUSED, TOOK LATER EXAM  
1007 = NOT EXAMINED, REFUSED AT EARLIER EXAM  
1008 = NOT EXAMINED, DEAD AT EXAM 8, MOVED AT  
EARLIER EXAM  
1009 = NOT EXAMINED, DEAD AT EXAM 8, REFUSED AT  
EARLIER EXAM  
1010 = NOT EXAMINED, DEAD AT EXAM 8, TOOK EXAM 7  
1011 = NOT EXAMINED, MOVED AT EARLIER EXAM  
9999 = NOT EXAMINED, APPOINTMENT FOR EXAM 8 PENDING  
OR NOT YET DUE AS OF OCTOBER 1966  
*MF635 deleted, redundant, use most recent "basic" file*  
*MF635 deleted to preserve confidentiality*

MF636 EXAMINATION STATUS, EXAM 9  
0196-0228 EXAMINED, NUMBER OF MONTHS AFTER DECEMBER 1947  
1002 = NOT EXAMINED, DEAD AT EARLIER EXAM  
1003 = NOT EXAMINED, MOVED, DID NOT TAKE LATER EXAM  
1004 = NOT EXAMINED, REFUSED, DID NOT TAKE LATER EXAM  
1005 = NOT EXAMINED, MOVED, TOOK LATER EXAM  
1006 = NOT EXAMINED, REFUSED, TOOK LATER EXAM  
1007 = NOT EXAMINED, REFUSED AT EARLIER EXAM  
1008 = NOT EXAMINED, DEAD AT EXAM 9, MOVED AT  
EARLIER EXAM  
1009 = NOT EXAMINED, DEAD AT EXAM 9, REFUSED AT  
EARLIER EXAM  
1010 = NOT EXAMINED, DEAD AT EXAM 9, TOOK EXAM 8  
1011 = NOT EXAMINED, MOVED AT EARLIER EXAM  
9999 = NOT EXAMINED, APPOINTMENT FOR EXAM 9 PENDING  
OR NOT YET DUE AS OF OCTOBER 1966  
*MF636 deleted, redundant, use most recent "basic" file*  
*MF636 deleted to preserve confidentiality*

MF637 EXAMINATION STATUS, EXAM 10  
0221-0228 EXAMINED, NUMBER OF MONTHS AFTER DECEMBER 1947  
1002 = NOT EXAMINED, DEAD AT EARLIER EXAM  
1003 = NOT EXAMINED, MOVED  
1004 = NOT EXAMINED, REFUSED  
1007 = NOT EXAMINED, REFUSED AT EARLIER EXAM  
1008 = NOT EXAMINED, DEAD AT EXAM 10, MOVED AT  
EARLIER EXAM  
1009 = NOT EXAMINED, DEAD AT EXAM 10, REFUSED AT

EARLIER EXAM

1010 = NOT EXAMINED, DEAD AT EXAM 10, TOOK EXAM 9  
1011 = NOT EXAMINED, MOVED AT EARLIER EXAM  
9999 = NOT EXAMINED, APPOINTMENT FOR EXAM 10 PENDING  
OR NOT YET DUE AS OF OCTOBER 1966

*MF637 deleted, redundant, use most recent "basic" file*  
*MF637 deleted to preserve confidentiality*

MF638

AGE ON DECEMBER 1947

0315-0726 NUMBER OF MONTHS AFTER BIRTH DATE

*MF638 deleted, redundant, use most recent "basic" file*  
*MF638 deleted to preserve confidentiality*

MF639

AGE ON SCHEDULE DATE, EXAM 1

0348-0753 NUMBER OF MONTHS AFTER BIRTH DATE

*MF639 deleted, redundant, use most recent "basic" file*  
*MF639 deleted to preserve confidentiality*

MF640

AGE AT EXAM 1

0347-0752 NUMBER OF MONTHS AFTER BIRTH DATE

*MF640 deleted, redundant, use most recent "basic" file*  
*MF640 deleted to preserve confidentiality*

MF641

AGE AT EXAM 2

0374-0780 NUMBER OF MONTHS AFTER BIRTH DATE

*MF641 deleted, redundant, use most recent "basic" file*  
*MF641 deleted to preserve confidentiality*

MF642

AGE AT EXAM 3

0396-0810 NUMBER OF MONTHS AFTER BIRTH DATE

*MF642 deleted, redundant, use most recent "basic" file*  
*MF642 deleted to preserve confidentiality*

MF643

AGE AT EXAM 4

0420-0828 NUMBER OF MONTHS AFTER BIRTH DATE

*MF643 deleted, redundant, use most recent "basic" file*  
*MF643 deleted to preserve confidentiality*

MF644

AGE AT EXAM 5

0444-0849 NUMBER OF MONTHS AFTER BIRTH DATE

*MF644 deleted, redundant, use most recent "basic" file*  
*MF644 deleted to preserve confidentiality*

MF645

AGE AT EXAM 6

0468-0873 NUMBER OF MONTHS AFTER BIRTH DATE

*MF645 deleted, redundant, use most recent "basic" file*  
*MF645 deleted to preserve confidentiality*

MF646

AGE AT EXAM 7

0492-0897 NUMBER OF MONTHS AFTER BIRTH DATE

*MF646 deleted, redundant, use most recent "basic" file*  
*MF646 deleted to preserve confidentiality*

NOTE: AGE AT EXAM, VARIABLES MF640 TO MF653, IS THE DIFFERENCE BETWEEN DATE OF EXAM AND DATE OF BIRTH, BOTH DATES EXPRESSED IN MONTH AND YEAR (NOT DAY).

IF THE SUBJECT (WHETHER ALIVE OR DEAD) DID NOT TAKE THE EXAM, HIS AGE AT EXAM IS THE DIFFERENCE BETWEEN SCHEDULE DATE FOR THAT EXAM AND DATE OF BIRTH.

Version 3: 05-07-2008 changed the Dr's name to XXXXXXXX

Version 4 10-01-2008 removed the note referring to Dr XXXXXX. This note was referencing tape numbers that are no longer in this coding manual.

Changed "TAPE VARIABLES W640 TO W653"  
to "VARIABLES MF640 TO MF653"

MF647

AGE AT EXAM 1

0000 = 347-419 MONTHS; 28-34 YEARS  
0001 = 420-479 MONTHS; 35-39 YEARS  
0002 = 480-539 MONTHS; 40-44 YEARS  
0003 = 540-599 MONTHS; 45-49 YEARS  
0004 = 600-659 MONTHS; 50-54 YEARS  
0005 = 660-719 MONTHS; 55-59 YEARS  
0006 = 720-752 MONTHS; 60-62 YEARS

*MF647 deleted, redundant, use most recent "basic" file*

*MF647 deleted to preserve confidentiality*

MF648

AGE AT EXAM 2

0000 = 374-419 MONTHS; 31-34 YEARS  
0001 = 420-479 MONTHS; 35-39 YEARS  
0002 = 480-539 MONTHS; 40-44 YEARS  
0003 = 540-599 MONTHS; 45-49 YEARS  
0004 = 600-659 MONTHS; 50-54 YEARS  
0005 = 660-719 MONTHS; 55-59 YEARS  
0006 = 720-779 MONTHS; 60-64 YEARS  
0007 = 780 MONTHS; 65 YEARS

*MF648 deleted, redundant, use most recent "basic" file*

*MF648 deleted to preserve confidentiality*

MF649

AGE AT EXAM 3

0000 = 396-419 MONTHS; 33-34 YEARS  
0001 = 420-479 MONTHS; 35-39 YEARS  
0002 = 480-539 MONTHS; 40-44 YEARS  
0003 = 540-599 MONTHS; 45-49 YEARS  
0004 = 600-659 MONTHS; 50-54 YEARS  
0005 = 660-719 MONTHS; 55-59 YEARS  
0006 = 720-779 MONTHS; 60-64 YEARS  
0007 = 780-810 MONTHS; 65-67 YEARS

*MF649 deleted, redundant, use most recent "basic" file*

*MF649 deleted to preserve confidentiality*

MF650

AGE AT EXAM 4

0001 = 420-479 MONTHS; 35-39 YEARS  
0002 = 480-539 MONTHS; 40-44 YEARS  
0003 = 540-599 MONTHS; 45-49 YEARS  
0004 = 600-659 MONTHS; 50-54 YEARS

0005 = 660-719 MONTHS; 55-59 YEARS  
0006 = 720-779 MONTHS; 60-64 YEARS  
0007 = 780-828 MONTHS; 65-69 YEARS  
*MF650 deleted, redundant, use most recent "basic" file*  
*MF650 deleted to preserve confidentiality*

MF651

AGE AT EXAM 5  
0001 = 444-479 MONTHS; 37-39 YEARS  
0002 = 480-539 MONTHS; 40-44 YEARS  
0003 = 540-599 MONTHS; 45-49 YEARS  
0004 = 600-659 MONTHS; 50-54 YEARS  
0005 = 660-719 MONTHS; 55-59 YEARS  
0006 = 720-779 MONTHS; 60-64 YEARS  
0007 = 780-839 MONTHS; 65-69 YEARS  
0008 = 840-849 MONTHS; 70 YEARS  
*MF651 deleted, redundant, use most recent "basic" file*  
*MF651 deleted to preserve confidentiality*

MF652

AGE AT EXAM 6  
0001 = 468-479 MONTHS; 39 YEARS  
0002 = 480-539 MONTHS; 40-44 YEARS  
0003 = 540-599 MONTHS; 45-49 YEARS  
0004 = 600-659 MONTHS; 50-54 YEARS  
0005 = 660-719 MONTHS; 55-59 YEARS  
0006 = 720-779 MONTHS; 60-64 YEARS  
0007 = 780-839 MONTHS; 65-69 YEARS  
0008 = 840-873 MONTHS; 70-72 YEARS  
*MF652 deleted, redundant, use most recent "basic" file*  
*MF652 deleted to preserve confidentiality*

MF653

AGE AT EXAM 7  
0002 = 492-539 MONTHS; 41-44 YEARS  
0003 = 540-599 MONTHS; 45-49 YEARS  
0004 = 600-659 MONTHS; 50-54 YEARS  
0005 = 660-719 MONTHS; 55-59 YEARS  
0006 = 720-779 MONTHS; 60-64 YEARS  
0007 = 780-839 MONTHS; 65-69 YEARS  
0008 = 840-897 MONTHS; 70-74 YEARS  
*MF653 deleted, redundant, use most recent "basic" file*  
*MF653 deleted to preserve confidentiality*

MF654

X-RAY: (BEFORE) GENERALIZED CARDIAC ENLARGEMENT, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

MF655

X-RAY: (BEFORE) GENERALIZED CARDIAC ENLARGEMENT, EXAM 3  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN



9997 = DID NOT TAKE EXAM 3

MF656 X-RAY: (BEFORE) GENERALIZED CARDIAC ENLARGEMENT, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF657 X-RAY: (BEFORE) LEFT VENTRICULAR HYPERTROPHY, EXAM 2  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 2

NOTE: "BEFORE" MEANS THE INTERPRETATION OF THE X-RAY FILM BEFORE THE CLINICAL DATA ARE GIVEN TO THE INTERPRETER.

MF658 X-RAY: (BEFORE) LEFT VENTRICULAR HYPERTROPHY, EXAM 3  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 3

MF659 X-RAY: (BEFORE) LEFT VENTRICULAR HYPERTROPHY, EXAM 4  
0000 = NO  
0001 = YES, DEFINITE  
0002 = YES, DOUBTFUL  
9999 = UNKNOWN  
9997 = DID NOT TAKE EXAM 4

MF660 X-RAY: HEART ENLARGEMENT, EXAM 1  
0000 = NO GCE OR LVH  
0001 = YES, DEFINITE GCE WITH OR WITHOUT LVH  
0002 = YES, DEFINITE LVH WITHOUT DEFINITE GCE  
0003 = YES, DOUBTFUL GCE OR LVH, NEITHER DEFINITE  
9999 = UNKNOWN FOR BOTH GCE AND LVH

MF661 X-RAY: (BEFORE) HEART ENLARGEMENT, EXAM 2  
0000 = NO GCE OR LVH  
0001 = YES, DEFINITE GCE WITH OR WITHOUT LVH  
0002 = YES, DEFINITE LVH WITHOUT DEFINITE GCE  
0003 = YES, DOUBTFUL GCE OR LVH, NEITHER DEFINITE  
9999 = UNKNOWN FOR BOTH GCE AND LVH  
9997 = DID NOT TAKE EXAM 2

MF662           X-RAY:   (BEFORE) HEART ENLARGEMENT, EXAM 3  
                  0000 =   NO GCE OR LVH  
                  0001 =   YES, DEFINITE GCE WITH OR WITHOUT LVH  
                  0002 =   YES, DEFINITE LVH WITHOUT DEFINITE GCE  
                  0003 =   YES, DOUBTFUL GCE OR LVH, NEITHER DEFINITE  
                  9999 =   UNKNOWN FOR BOTH GCE AND LVH  
                  9997 =   DID NOT TAKE EXAM 3

MF663           X-RAY:   (BEFORE) HEART ENLARGEMENT, EXAM 4  
                  0000 =   NO GCE OR LVH  
                  0001 =   YES, DEFINITE GCE WITH OR WITHOUT LVH  
                  0002 =   YES, DEFINITE LVH WITHOUT DEFINITE GCE  
                  0003 =   YES, DOUBTFUL GCE OR LVH, NEITHER DEFINITE  
                  9999 =   UNKNOWN FOR BOTH GCE AND LVH  
                  9997 =   DID NOT TAKE EXAM 4

MF664           X-RAY:   (BEFORE) HEART ENLARGEMENT, EXAM 5  
                  0000 =   NO GCE OR LVH  
                  0001 =   YES, DEFINITE GCE WITH OR WITHOUT LVH  
                  0002 =   YES, DEFINITE LVH WITHOUT DEFINITE GCE  
                  0003 =   YES, DOUBTFUL GCE OR LVH, NEITHER DEFINITE  
                  9999 =   UNKNOWN FOR BOTH GCE AND LVH  
                  9997 =   DID NOT TAKE EXAM 5

MF665           X-RAY:   (BEFORE) HEART ENLARGEMENT, EXAM 6  
                  0000 =   NO GCE OR LVH  
                  0001 =   YES, DEFINITE GCE WITH OR WITHOUT LVH  
                  0002 =   YES, DEFINITE LVH WITHOUT DEFINITE GCE  
                  0003 =   YES, DOUBTFUL GCE OR LVH, NEITHER DEFINITE  
                  9999 =   UNKNOWN FOR BOTH GCE AND LVH  
                  9997 =   DID NOT TAKE EXAM 6

MF666           X-RAY:   (BEFORE) HEART ENLARGEMENT, EXAM 7  
                  0000 =   NO GCE OR LVH  
                  0001 =   YES, DEFINITE GCE WITH OR WITHOUT LVH  
                  0002 =   YES, DEFINITE LVH WITHOUT DEFINITE GCE  
                  0003 =   YES, DOUBTFUL GCE OR LVH, NEITHER DEFINITE  
                  9999 =   UNKNOWN FOR BOTH GCE AND LVH  
                  9997 =   DID NOT TAKE EXAM 7

MF667           ALCOHOL CONSUMED, EXAM 7  
                  0000 =   DOES NOT DRINK  
                  0001 =   ONE OUNCE PER MONTH OR LESS, BUT NOT NONE  
                  0002-457 KNOWN, IN OUNCES PER MONTH  
                  9999 =   UNKNOWN  
                  9997 =   DID NOT TAKE EXAM 7

\*\*\*\*\*