FRAMINGHAM HEART STUDY - CODING MANUAL

OFFSPRING EXAM 2

COHORT: OFFSPRING

DATA COLLECTION TIME FRAME: EXAM 2

SAS DATASET NAME: EX1_2S.SSD01

#RECORDS: 3863

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.

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Log kept at end of manual of all updates
New changes made within manual

Version 1: 02-08-2007
B293; B334 ==> B345; B401 ==> B407 added a note

changed variable name D163 to B163
changed variable name D697 to B697
changed variable name D773 to B773
added note to B369

Version 2: 08-22-2007
recoding variables B103 B351

Version 3: 12-02-2008
Deleted variables B452 B380
Changed variable name of B1 to ID

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Note: This coding manual and dataset were revised.
All revisions to coding manual are listed in red bolded font.
Areas of revision: Lab assays and work type categories (B44).

July 2025
Please note: This dataset contains derived values from chest x-rays (B279). The raw images are not available for release due to degradation of the film over time.

VARIABLE NUMBER	SOURCE	INFORMATION
ID	D201/1	IDENTIFICATION NUMBER deleted - use random id
***Version 3 12/2/2008		Changed variable name of B1 to ID
B2	CALCULATED	AGE deleted - to preserve confidentiality, use most current basic file

VARIABLE NUMBER	SOURCE	INFORMATION
B3	D201/07	SEX 1 MAN 2 WOMAN NO UNKNOWNS deleted - redundant, use most current basic file
B4	D201/8	MONTH OF EXAM 1-12 MONTH deleted - to preserve confidentiality, use most current basic file
B5	D201/10	DAY OF EXAM 1-31 DAY OF MONTH deleted - to preserve confidentiality, use most current basic file
B6	D201/12	YEAR OF EXAM 75-83 YEAR deleted - to preserve confidentiality, use most current basic file
B7	D201/14	MONTH OF BIRTH 1-12 MONTH deleted - to preserve confidentiality, use most current basic file
B8	D201/16	DAY OF BIRTH 1-31 DAY OF MONTH NO UNKNOWNS deleted - to preserve confidentiality, use most current basic file
B9	D201/18	YEAR OF BIRTH 5-64 KNOWN NO UNKNOWNS deleted - to preserve confidentiality, use most current basic file
B10	D201/20	EXAMINER'S NUMBER (NURSE) 11-53 KNOWN . UNKNOWN (16) deleted - used for administrative purposes only
B11	D201/22	EXAMINER'S NUMBER (PHYSICIAN #1) 9-88 KNOWN NO UNKNOWNS deleted - used for administrative purposes only
B12	D201/24	EXAMINER'S NUMBER (PHYSICIAN #2) 9-85 KNOWN . UNKNOWN (3539) deleted - used for administrative purposes only

VARIABLE NUMBER	SOURCE	INFORMATION
B13	CALCULATED	BODY WEIGHT (KG) 35.8-174.6 KNOWN NO UNKNOWNS
B14	CALCULATED	BODY HEIGHT (CM) 142.2-200.7 KNOWN . UNKNOWN (1)
B15	D201/26	BODY WEIGHT (LB) 79-385 KNOWN NO UNKNOWNS
B16	D201/29	BODY HEIGHT (INCHES) 56-79 KNOWN . UNKNOWN (1)
B17	D201/31	BODY HEIGHT (FRACTION) 0-75 KNOWN . UNKNOWN (1)
B18	D201/33	SKINFOLD TRICEPS, RIGHT 2-90 KNOWN, IN MILLIMETERS . UNKNOWN (10)
B19	D201/35	SKINFOLD TRICEPS, LEFT 2-68 KNOWN, IN MILLIMETERS . UNKNOWN (12)
B20	D201/37	SKINFOLD SUBSCAPULAR, RIGHT 4-65 KNOWN, IN MILLIMETERS . UNKNOWN (12) deleted - data is known to be unreliable
B21	D201/39	SKINFOLD SUBSCAPULAR, LEFT 5-65 KNOWN, IN MILLIMETERS . UNKNOWN (12) deleted - data is known to be unreliable
B22	D201/41	BLOOD PRESSURE, SYSTOLIC, TAKEN BY NURSE 80-234 KNOWN, IN MM HG . UNKNOWN (3)
B23	D201/44	BLOOD PRESSURE, DIASTOLIC, TAKEN BY NURSE 48-146 KNOWN, IN MM HG . UNKNOWN (4)
B24	D201/47	BLOOD PRESSURE, SYSTOLIC, FIRST

VARIABLE NUMBER	SOURCE	INFORMATION
		PHYSICIAN 78-240 KNOWN IN MM HG . UNKNOWN (1)
B25	D201/50	BLOOD PRESSURE, DIASTOLIC, FIRST PHYSICIAN 42-144 KNOWN IN MM HG . UNKNOWN (2)
B26	D201/53	BLOOD PRESSURE, SYSTOLIC, SECOND PHYSICIAN 82-210 KNOWN IN MM HG . UNKNOWN (4)
B27	D201/56	BLOOD PRESSURE, DIASTOLIC, SECOND TAKEN BY PHYSICIAN 48-136 KNOWN IN MM HG . UNKNOWN (5)
B28	D201/59	LUNG FUNCTION:CARBON MONOXIDE ECOLYZER 0-100 KNOWN (PARTS/MILLION) . UNKNOWN (294)
B29	D201/63	LUNG FUNCTION:FORCED VITAL CAPACITY 126-777 KNOWN, IN DECILITERS . UNKNOWN (9) deleted - data is known to be unreliable
B30	D201/66	LUNG FUNCTION: FEV5 30-503 KNOWN . UNKNOWN (19) deleted - data is known to be unreliable
B31	D201/69	LUNG FUNCTION: FEV1 55-644 KNOWN . UNKNOWN (18) deleted - data is known to be unreliable
B32	D201/72	LUNG FUNCTION: FEV3 93-759 KNOWN . UNKNOWN (18) deleted - data is known to be unreliable
B33	D201/75	LUNG FUNCTION: TEFR 60-998 KNOWN . UNKNOWN (19) deleted - data is known to be unreliable
B34	D201/78	LUNG FUNCTION: FEF(25-75) 15-970 KNOWN

VARIABLE NUMBER	SOURCE	INFORMATION
		. UNKNOWN (18)
		deleted - data is known to be unreliable
B35	D201/81	LUNG FUNCTION: FEF(25)
		0-997 KNOWN
		. UNKNOWN (18)
		deleted - data is known to be unreliable
B36	D201/84	LUNG FUNCTION: FEF(50)
		17-958 KNOWN
		. UNKNOWN (18)
		deleted - data is known to be unreliable
B37	D201/87	LUNG FUNCTION: FEF(75)
		8-669 KNOWN
		. UNKNOWN (18)
		deleted - data is known to be unreliable
B38	D201/90	PREVIOUSLY EXM IN OFF STUDY
		0 NO
		1 YES
		NO UNKNOWNS
		deleted - used for administrative purposes only
B39	D201/91	MARITAL STATUS
		1 SINGLE
		2 MARRIED
		3 WIDOWED
		4 DIVOCED
		5 SEPARATED
		NO UNKNOWNS
B40	D201/92	MARRIED SAME SPOUSE AT 1ST EXAM
		0 NO
		1 YES
		2 NOT MARRIED
		. UNKNOWN (1)
B41	D201/93	NEW SPOUSE ID NUMBER
		deleted - to preserve confidentiality
B42	D201/97	YEARS MARRIED
		1-52 YEARS
		88 NOT MARRIED AT PRESENT
		. UNKNOWN (17)
B43	D201/99	YEARS EDUCATION
		1-30 KNOWN
		. UNKNOWN (6)

VARIABLE NUMBER	SOURCE	INFORMATION
B44	D201/101	WORK TYPE 1 PROFESSIONAL (724) 2 EXECUTIVE (29) 3 SUPERVISORY (261) 4 TECHNICAL (238) 5 LABORER (947) 6 CLERICAL (530) 7 SALES (193) 8 HOUSEWIFE (826) . UNKNOWN (119) Note: These work type categories (professions, executive… were not listed with the Offspring Exam 2 documentation. A chart review was done to determine the work type categories. They appear to coincide with the work type categories from Original cohort Exam 6, MF447.
B45	D201/102	NO OF JOBS PAST 10 YEARS 0-15 KNOWN . UNKNOWN (20)
B46	D201/104	NO OF BROTHERS ALIVE 0-8 KNOWN
B47	D201/105	NO OF BROTHERS DEAD 0-5 KNOWN
B48	D201/106	NO OF SISTERS ALIVE 0-8 KNOWN
B49	D201/107	NO OF SISTERS DEAD 0-4 KNOWN
B50	D202/05	HOSPITALIZATION IN INTERIM 0 NO 1 YES . UNKNOWN (4)
B51	D202/06	ILLINESS AND/OR DOCTOR VISIT 0 NO 1 ILL ONLY 2 DOCTOR VISIT . UNKNOWN (25)
B52	D202/07	CARDIAC GLYCOSIDES 0 NO

VARIABLE NUMBER	SOURCE	INFORMATION
		1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (3)
B53	D202/08	NITRITES 0 NO 1 YES (NOW) 2 YES (NOT NOW) NO UNKNOWNS
B54	D202/09	PROPRANOLOL 3 NO 4 YES (NOW) 5 YES (NOT NOW) NO UNKNOWNS
B55	D202/10	QUINIDINE 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (1)
B56	D202/11	HYPOTENSIVE (EXCLUDING DIURETICS) 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (1)
B57	D202/12	ALDOMET 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (3)
B58	D202/13	SPIRONOLACTONE 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (1)
B59	D202/14	DIURETICS-HYPERTENSION 3 NO 4 YES (NOW) 5 YES (NOT NOW) . UNKNOWN (3)
B60	D202/15	DIURETICS-OTHER 0 NO 1 YES (NOW) 2 YES (NOT NOW) NO UNKNOWNS

VARIABLE NUMBER	SOURCE	INFORMATION
B61	D202/16	ANTI-CHOLESTEROL AGENT 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (2)
B62	D202/17	THYROID 0 NO 1 YES (NOW) 2 YES (NOT NOW) NO UNKNOWNS
B63	D202/18	ANTI-COAGULANTS 0 NO 1 YES (NOW) 2 YES (NOT NOW) NO UNKNOWNS
B64	D202/19	BRONCHODILATOR OR AEROSOL 3 NO 4 YES (NOW) 5 YES (NOT NOW) NO UNKNOWNS
B65	D202/20	ORAL HYPOGLECEMIC AGENTS 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (1)
B66	D202/21	SLEEPING PILLS 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (2)
B67	D202/22	TRANQUILIZERS 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (1)
B68	D202/23	INSULIN 0 NO 1 YES (<20) 2 YES (20+) 3 YES (NOT NOW) . UNKNOWN (1)
B69	D202/24	ASPIRIN TABS/DAY 0 NO 1-7 PER DAY 8 8 OR MORE PER DAY

VARIABLE NUMBER	SOURCE	INFORMATION
		. UNKNOWN (38)
B70	D202/25	MENOPAUSE: PERIODS STOPPED 1 YR OR MORE 0 NO 1 YES 8 MAN . UNKNOWN (5) NOTE: as of 8/25/06, this variable is currently being reviewed or adjuducated. An improved data set is planning for future release.
B71	D202/26	MENOPAUSE: AGE PERIOD STOPPED 0 NOT STOPPED 20-57 AGE 88 MAN . UNKNOWN (10) NOTE: as of 8/25/06, this variable is currently being reviewed or adjuducated. An improved data set is planning for future release.
B72	D202/28	MENOPAUSE: CAUSE PERIOD STOPPED 0 NOT STOPPED 1 NATURAL 2 SURGERY 3 OTHER 4 PREGANCY 8 MAN . UNKNOWN (12) NOTE: as of 8/25/06, this variable is currently being reviewed or adjuducated. An improved data set is planning for future release.
B73	D202/29	MENOPAUSE: HYSTERECTOMY 0 NO 1 YES 8 MAN . UNKNOWN (7)
B74	D202/30	MENOPAUSE:OVARIES REMOVED 0 NO 1 YES (ONE REMOVED) 2 YES (TWO REMOVED) 8 MAN . UNKNOWN (19) NOTE: as of 8/25/06, this variable is currently being reviewed or adjuducated. An improved data set is planning for future release.
B75	D202/31	MENOPAUSE: AGE PERIODS STARTED 8-21 AGE 88 MAN

VARIABLE NUMBER	SOURCE	INFORMATION
		. UNKNOWN (16) NOTE: as of 8/25/06, this variable is currently being reviewed or adjuducated. An improved data set is planning for future release.
B76	D202/33	MENOPAUSE: NO. OF LIVE BIRTH 0 NO 1-11 KNOWN 88 MAN . UNKNOWN (2) modified - to preserve confidentiality, 5=5 or more live births
B77	D202/35	MENOPAUSE: AGE OF TUBAL LIGATION 0 NO 21-52 AGE 88 MAN . UNKNOWN (8)
B78	D202/37	MENOPAUSE: ORAL CONTRACEPTIVE 0 NO 1 YES (NOW) 2 YES (NOT NOW) 8 MAN . UNKNOWN (23)
B79	D202/38	MENOPAUSE: CODE # OF BRAND & DOSAGE 0 NO 1-87 888 MAN . UNKNOWN (409)
B80	D202/41	MENOPAUSE: TOTAL # OF YEARS OC MEDICATION TAKEN 0 NO 1-16 YEAR 88 MAN . UNKNOWN (26)
B81	D202/43	MENOPAUSE: EVER TAKEN PREMARIN 0 NO 1 YES (NOW) 2 YES (NOT NOW) 8 MAN . UNKNOWN (40) NOTE: as of 8/25/06, this variable is currently being reviewed or adjuducated. An improved data set is planning for future release.
B82	D202/44	MENOPAUSE: TOTAL # OF YEARS PREMARIN TAKEN 0 NO 1-23 YEARS 88 MAN . UNKNOWN (38)

VARIABLE NUMBER	SOURCE	INFORMATION
		NOTE: as of 8/25/06, this variable is currently being reviewed or adjuducated. An improved data set is planning for future release.
B83	D202/46	NO. OF PILLS TAKEN PER MONTH 0 NO 1-60 KNOWN 88 MAN . UNKNOWN (38)
		NOTE: as of 8/25/06, this variable is currently being reviewed or adjuducated. An improved data set is planning for future release.
B84	D202/48	AGE OF VASECTOMY 0 NO 23-53 AGE 88 WOMAN . UNKNOWN (29)
B85	D202/50	EVER SMOKED 0 NO 1 CIGARETTE ONLY 2 OTHER ONLY 3 BOTH . UNKNOWN (3)
B86	D202/51	SMOKING NOW 0 NO 1 YES . UNKNOWN (3)
B87	D202/52	SMOKING LAST YEAR(NOT SMOKING NOW) 0 NO (NEVER SMOKING) 1 NO (NOT SMOKING LAST YEAR) 2 YES (SMOKED LAST YEAR) 3 SMOKING NOW . UNKNOWN (3)
B88	D202/53	NO. OF CIGARETTES PER DAY 0 NO 1-95 PER DAY 88 NEVER SMOKED . UNKNOWN (2)
B89	D202/55	NO. OF CIGARS PER DAY 0 NO 1-20 KNOWN/DAY 88 NON SMOKER . UNKNOWN (3)
B90	D202/57	NO. OF CIGARILLOS PER DAY 0 NO

VARIABLE NUMBER	SOURCE	INFORMATION
		1-15 KNOWN/DAY 88 NON SMOKER . UNKNOWN (3)
B91	D202/59	NO. OF PIPES PER DAY 0 NO 1-35 KNOWN/DAY 88 NON SMOKER . UNKNOWN (4)
B92	D202/61	INHALES CIGARETTES 1 NO 2 YES 8 NON SMOKER . UNKNOWN (15)
B93	D202/62	INHALES PIPES 1 NO 2 YES 8 NON SMOKER . UNKNOWN (29)
B94	D202/63	INHALES CIGARS 1 NO 2 YES 8 NON SMOKER . UNKNOWN (30)
B95	D202/64	NO. OF CIGARETTES SMOKED THIS MORNING 0 NO 1-10 KNOWN 88 NON SMOKER . UNKNOWN (19)
B96	D202/66	SMOKING TIME PATTERN 0 NO TIME PATTERN 1 ALL DAY 2 PRINCIPALLY WHILE WORKING 3 ONLY AFTER MEAL 4 ONLY IN EVENING 5 ONLY IN SOCIAL OCCASIONS 6 OTHER (DESCRIBE) 8 NOT SMOKING . UNKNOWN (26)
B97	D202/67	AGE START CIGARETTE SMOKING 5-52 AGE 88 NON SMOKER . UNKNOWN (17)
B98	D202/69	MAX NO. CIGARETTES PER DAY 1-98 KNOWN

VARIABLE NUMBER	SOURCE	INFORMATION
		88 NONSMOKER . UNKNOWN (30)
B99	D202/71	STOP SMOKING CIGARETTE LAST YEAR OR LONGER 0 NOT STOPPED 1 YES 8 NON SMOKER . UNKNOWN (10)
B100	D202/72	NO. YEARS STOPPED SMOKING CIGARETTE 0 NOT STOPPED 1-42 YEARS 88 NON SMOKER . UNKNOWN (20)
B101	D202/74	REASON FOR STOPPING 0 NOT STOPPED 1 M.D. ORDER: NOT SICK 2 M.D. ORDER: SICK 3 SICK: NO DISEASE 4 SICK: HISTORY OF DISEASE 5 INFLUENCED BY HEALTH EDUCATION 6 TOO EXPENSIVE 7 OTHER 8 NEVER SMOKED CIGARETTE . UNKNOWN (46)
B102	D202/75	CIGARETTE RANK 1-163 KNOWN 888 NOT SMOKED LAST YEAR 998 CIGARETTE NOT ON LIST . UNKNOWN (317)
B103	D202/78	CARD CODE 0 (MEANING UNKNOWN) 1 (MEANING UNKNOWN) 2 (MEANING UNKNWON) 8 NOT SMOKED LAST YEAR . UNKNOWN (29)
*** Version 2: 08-22-2007 added 0, 1 and 2 as valid codes		
B104	D202/79	SLEEPING HOURS 2-13 KNOWN . UNKNOWN (4)
B105	D202/81	SEDENTARY HOURS 0 NO 1-20 KNOWN . UNKNOWN (4)

VARIABLE NUMBER	SOURCE	INFORMATION
B106	D202/83	SLIGHT ACTIVITY HRS/DAY 0 NO 1-18 KNOWN . UNKNOWN (4)
B107	D202/85	MOD ACTIVITY HRS/DAY 0 NO 1-14 KNOWN . UNKNOWN (4)
B108	D202/87	HEAVY ACTIVITY HRS/DAY 0 NO 1-9 KNOWN . UNKNOWN (4)
B109	D202/89	ACTIVITY CHANGES IN INTERIM 0 NO 1 INCREASE 2 DECREASE . UNKNOWN (94)
B110	D202/90	DIET REDUCING 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (3)
B111	D202/91	CHOLESTEROL LOWERING DIET 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (3)
B112	D202/92	LOW SALT DIET 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (2)
B113	D202/93	DIABETIC DIET 0 NO 1 YES (NOW) 2 YES (NOT NOW) . UNKNOWN (2)
B114	D202/94	COFFEE CUPS PER DAY 0 NO 1-25 KNOWN . UNKNOWN (4)
B115	D202/96	COFFEE-DECAF. PER DAY

VARIABLE NUMBER	SOURCE	INFORMATION
		0 NO 1-25 KNOWN . UNKNOWN (4)
B116	D202/98	TEA CUPS PER DAY 0 NO 1-20 KNOWN . UNKNOWN (4)
B117	D202/100	BEER INTAKE PER WEEK 0 NO 1-96 KNOWN GLASSES . UNKNOWN (3)
B118	D202/102	WINE INTAKE PER WEEK 0 NO 1-70 KNOWN GLASSES . UNKNOWN (3)
B119	D202/104	COCKTAILS PER WEEK 0 NO 1-98 KNOWN . UNKNOWN (3)
B120	D202/106	BEER: NO. OF DAYS PER WEEK 0 NO 1-7 KNOWN . UNKNOWN (3)
B121	D202/107	WINE: NO. OF DAYS PER WEEK 0 NO 1-7 KNOWN . UNKNOWN (3)
B122	D202/108	COCKTAIL: NO. OF DAYS PER WEEK 0 NO 1-7 KNOWN . UNKNOWN (3)
B123	D202/109	BEER: LIMIT AT ONE PERIOD TIME 0 NO 1-24 KNOWN GLASSES . UNKNOWN (3)
B124	D202/111	WINE: LIMIT AT ONE PERIOD TIME 0 NO 1-16 KNOWN GLASSES . UNKNOWN (3)
B125	D202/113	COCKTAIL: LIMIT AT ONE PERIOD TIME

VARIABLE NUMBER	SOURCE	INFORMATION
		0 NO 1-24 KNOWN GLASSES . UNKNOWN (3)
B126	D202/115	FOLLOWING DIET-EXAMINERS OPINION 0 NO 1 YES 2 MAYBE . UNKNOWN (43)
B127	D203/05	CHRONIC COUGH 0 NO 1 YES (PRODUCTIVE) 2 YES (NON-PRODUCTIVE) . UNKNOWN (4)
B128	D203/06	ASTHMA 0 NO 1 YES . UNKNOWN (5)
B129	D203/07	DYSNEA ON EXERTION 0 NO 1 VIGOROUS EXERTION 2 MODERATE EXERTION 3 ANY SLIGHT EXERTION . UNKNOWN (8)
B130	D203/08	DYSPNEA INCREASE 0 NO 1 YES 2 MAYBE . UNKNOWN (10)
B131	D203/09	ORTHOPNEA 3 NO 4 YES 5 MAYBE . UNKNOWN (3)
B132	D203/10	PAROXYSMAL NOCTARNAL DYSPNEA 0 NO 1 YES 2 MAYBE . UNKNOWN (4)
B133	D203/11	ANKLE EDEMA, BILATERAL 0 NO 1 YES 2 MAYBE . UNKNOWN (2)

VARIABLE NUMBER	SOURCE	INFORMATION
B134	D203/12	1ST EXAMINER BELIEVES-CHF 0 NO 1 YES 2 MAYBE . UNKNOWN (5) deleted - use most current soe file
B135	D203/13	1ST EXAMINER BELIEVES-PULM 0 NO 1 YES 2 MAYBE . UNKNOWN (5)
B136	D203/14	2ND EXAMINER BELIEVES-CHF 0 NO 1 YES 2 MAYBE 3 NO 2ND EXAM . UNKNOWN (3) deleted - redundant, use most current soe file
B137	D203/15	2ND EXAMINER BELIEVE-PULM 0 NO 1 YES 2 MAYBE 3 NO 2ND EXAM . UNKNOWN (3)
B138	D203/16	CHEST DISCOMFORT 0 NO 1 YES 2 MAYBE . UNKNOWN (5)
B139	D203/17	1ST EXAMINER'S OPINION-AP 0 NO 1 YES 2 MAYBE . UNKNOWN (1) deleted - redundant, use most current soe file
B140	D203/18	1ST EXAMINER'S OPINION- CORONARY INSUFFICIENCY 0 NO 1 YES 2 MAYBE . UNKNOWN (1) deleted - redundant, use most current soe file

VARIABLE NUMBER	SOURCE	INFORMATION
B141	D203/19	1ST EXAMINER'S OPINION- MI 0 NO 1 YES 2 MAYBE . UNKNOWN (2) deleted - redundant, use most current soe file
B142	D20/20	2ND EXAMINER'S OPINION-AP 0 NO 1 YES 2 MAYBE 3 NO 2ND EXAM . UNKNOWN (1) deleted - redundant, use most current soe file
B143	D203/21	2ND EXAMINER'S OPINION- CORONARY INSUFFICIENCY 0 NO 1 YES 2 MAYBE 3 NO 2ND EXAM . UNKNOWN (1) deleted - redundant, use most current soe file
B144	D203/22	2ND EXAMINER'S OPINION-MI 0 NO 1 YES 2 MAYBE 3 NO 2ND EXAM . UNKNOWN (1) deleted - redundant, use most current soe file
B145	D203/23	SUDDEN MUSCULAR WEAKNESS 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B146	D203/24	SUDDEN SPEECH DIFFICULTY 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B147	D203/25	SUDDEN VISUAL DEFFECT 0 NO 1 YES 2 MAYBE . UNKNOWN (1)

VARIABLE NUMBER	SOURCE	INFORMATION
B148	D203/26	UNCONSCIOUSNESS 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B149	D203/27	DOUBLE VISION 3 NO 4 YES 5 MAYBE . UNKNOWN (1)
B150	D203/28	LOSS VISION ON ONE EYE 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B151	D203/29	NUMBNESS, TINGLING 0 NO 1 YES 2 MAYBE . UNKNOWN (4)
B152	D203/30	HOSPITALIZED OR SAW M.D. 0 NO 1 HOSPITALIZED 2 M.D. . UNKNOWN (1)
B153	D203/31	1ST EXAMINER BELIEVES-STROKE 0 NO 1 YES 2 MAYBE . UNKNOWN (1) deleted - redundant, use most current soe file
B154	D203/32	1ST EXAMINER BELIEVES-TIA PRECEDED 0 NO 1 YES 2 MAYBE . UNKNOWN (4) deleted - redundant, use most current soe file
B155	D203/33	2ND EXAMINER BELIEVES-STROKE 0 NO 1 YES 2 MAYBE

VARIABLE NUMBER	SOURCE	INFORMATION
		3 NO 2ND EXAM . UNKNOWN (1) deleted - redundant, use most current soe file
B156	D203/34	2ND EXAMINER BELIEVES-TIA PRECEDED 0 NO 1 YES 2 MAYBE 3 NO 2ND EXAM . UNKNOWN (1) deleted - redundant, use most current soe file
B157	D203/35	URINARY TRACT DISEASE(LIFETIME) 0 NO 1 YES 2 MAYBE . UNKNOWN (9)
B158	D203/36	EVER HAD ANY URINARY DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (6)
B159	D203/37	WAS THIS KIDNEY 3 NO 4 YES 5 MAYBE . UNKNOWN (12)
B160	D203/38	ANY STONE 0 NO 1 YES 2 MAYBE . UNKNOWN (5)
B161	D203/39	PROSTATE TROUBLE 0 NO 1 YES 2 MAYBE 8 FEMALE . UNKNOWN (4)
B162	D203/40	PROSTATE SURGERY 0 NO 1 YES 2 MAYBE 8 FEMALE . UNKNOWN (4)
B163	D203/41	PHLEBITIS 0 NO 1 YES

VARIABLE NUMBER	SOURCE	INFORMATION
		2 MAYBE . UNKNOWN (6)
*** Version 1: 02-08-2007 changed D163 to B163		
B164	D203/42	SWELLING OF LEG, UNITALERAL 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B165	D203/43	LEG ULCERS 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B166	D203/44	TREATMENT FOR VARICOSE VEINS 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B167	D203/45	DISCOMFORT IN LOWER LIMBS 3 NO 4 YES 5 MAYBE . UNKNOWN (4)
B168	D203/46	ONE FOOT COLDER THAN OTHER 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B169	D203/47	1ST EXAMINER BELIEVES - IC 0 NO 1 YES 2 MAYBE . UNKNOWN (3) deleted - redundant, use most current soe file
B170	D203/48	2ND EXAMINER BELIEVES - IC 0 NO 1 YES 2 MAYBE 3 NO 2ND EXAM . UNKNOWN (3) deleted - redundant, use most current soe file
B171	D203/49	NEED TO EXCEL IN MOST THINGS 0 NOT AT ALL

VARIABLE NUMBER	SOURCE	INFORMATION
		1 SOMEWHAT
		2 FAIRLY WELL
		3 VERY WELL
		. UNKNOWN (9)
B172	D203/50	BEING BOSSY OR DOMINATING
		0 NOT AT ALL
		1 SOMEWHAT
		2 FAIRLY WELL
		3 VERY WELL
		. UNKNOWN (11)
B173	D203/51	FEELING PRESSED FOR TIME
		0 NOT AT ALL
		1 SOMEWHAT
		2 FAIRLY WELL
		3 VERY WELL
		. UNKNOWN (7)
B174	D203/52	HARD DRIVING AND COMPETITIVE
		0 NOT AT ALL
		1 SOMEWHAT
		2 FAIRLY WELL
		3 VERY WELL
		. UNKNOWN (10)
B175	D203/53	EATING TOO QUICKLY
		3 NOT AT ALL
		4 SOMEWHAT
		5 FAIRLY WELL
		6 VERY WELL
		. UNKNOWN (7)
B176	D203/54	EMPLOYED MOST ADULT LIFE
		0 NO
		1 YES
		. UNKNOWN (4)
B177	D203/55	CURRENTLY WORKING
		1 WORKING
		2 RETIRED
		3 UNEMPLOYED
		4 HOUSEWIFE
		. UNKNOWN (7)
B178	D203/56	END OF WORK1: PRESSED FOR TIME
		0 NO
		1 YES
		4 HOUSEWIFE
		. UNKNOWN (35)
B179	D203/57	END OF WORK2: THINKING ABOUT IT
		0 NO

VARIABLE NUMBER	SOURCE	INFORMATION
		1 YES 4 HOUSEWIFE . UNKNOWN (30)
B180	D203/58	END OF WORK3: STRETCHED CAPACITY 0 NO 1 YES 4 HOUSEWIFE . UNKNOWN (31)
B181	D203/59	END OF WORK4: DISSATISFIED OF WORK 0 NO 1 YES 4 HOUSEWIFE . UNKNOWN (32)
B182	D203/60	END OF WORK5: UPSET WHEN WAITING 3 NO 4 YES 5 HOUSEWIFE . UNKNOWN (42)
B183	D203/61	HOUSEWIFE1: FEELING PRESSED FOR TIME 0 NO 1 YES 5 WORKPERSON . UNKNOWN (23)
B184	D203/62	HOUSEWIFE2: FEELING DISSATISF 0 NO 1 YES 5 WORKING PERSON . UNKNOWN (24)
B185	D203/63	HOUSEWIFE3: THINKING IT ALL DAY 0 NO 1 YES 5 WORKING PERSON . UNKNOWN (24)
B186	D203/64	HOUSEWIFE4: HOUSEWORK BIG STRAIN 0 NO 1 YES 5 WORKING PERSON . UNKNOWN (23)
B187	D203/65	HOUSEWIFE5: UPSET WHEN WAITING 0 NO 1 YES 5 WORKING PERSON . UNKNOWN (25)

VARIABLE NUMBER	SOURCE	INFORMATION
B188	D204/05	EYES: CORNEAL-ARCUS 0 NO 1 SLIGHT 2 MODERATE 3 MARKED . UNKNOWN (3)
B189	D204/06	EYES: XANTHALASMA 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B190	D204/07	EYES: XANTHOMATA 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B191	D204/08	THYROID: SCAR 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B192	D204/09	THYROID: SINGLE NODULE 3 NO 4 YES 5 MAYBE . UNKNOWN (1)
B193	D204/10	THYROID: MULTIPLE NODULES 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B194	D204/11	THYROID: DIFFUSE ENLARGEMENT 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B195	D204/12	THYROID: OTHER THYROID DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (2)

VARIABLE NUMBER	SOURCE	INFORMATION
B196	D204/13	RESPIRATORY: INCREASE ANTERO POSTERIOR DIAMETER 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B197	D204/14	RESPIRATORY: ABNORMAL BREATH SOUND 3 NO 4 YES 5 MAYBE . UNKNOWN (2)
B198	D204/15	RESPIRATORY: RALES 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B199	D204/16	RESPIRATORY: FIXED THORAX 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B200	D204/17	HEART: ENLARGEMENT 0 NO 1 LEFT 2 RIGHT 3 BOTH . UNKNOWN (12)
B201	D204/18	HEART: GALLOP 0 NO 1 S3 2 S4 3 BOTH . UNKNOWN (3)
B202	D204/19	HEART: OTHER ABNORMAL SOUND 3 NO 4 CLICK 5 SPLIT S2 6 DIM A2 7 OTHER . UNKNOWN (2)

VARIABLE NUMBER	SOURCE	INFORMATION
B203	D204/20	HEART: SYSTOLIC MURMURS-APEX 0 NO 1 YES, GRADE 1 2 YES, GRADE 2 3 YES, GRADE 3 4 YES, GRADE 4 5 YES, GRADE 5 6 YES, GRADE 6 NO UNKNOWNS
B204	D204/21	HEART: SYSTOLIC MURMURS-APEX-EJECT 0 NO 1 YES, GRADE 1 2 YES, GRADE 2 3 YES, GRADE 3 4 YES, GRADE 4 5 YES, GRADE 5 6 YES, GRADE 6 NO UNKNOWNS
B205	D204/22	HEART: SYSTOLIC MURMURS-MIDRECORDIUM 0 NO 1 YES, GRADE 1 2 YES, GRADE 2 3 YES, GRADE 3 4 YES, GRADE 4 5 YES, GRADE 5 6 YES, GRADE 6 NO UNKNOWNS
B206	D204/23	HEART: SYSTOLIC MURMURS-BASE 0 NO 1 YES, GRADE 1 2 YES, GRADE 2 3 YES, GRADE 3 4 YES, GRADE 4 5 YES, GRADE 5 6 YES, GRADE 6 NO UNKNOWNS
B207	D204/24	HEART: MURMUR INCREASE ON VALSALVA 3 NO 4 YES 5 MAYBE . UNKNOWN (3)

VARIABLE NUMBER	SOURCE	INFORMATION
B208	D204/25	HEART: SYSTOLIC MURMUR- EXAMINER'S OPINION: VALVE ORIGIN 0 NORMAL 1 MITRAL 2 AORTIC 3 BOTH 4 OTHER . UNKNOWN (19)
B209	D204/26	HEART: DIASTOLIC MURMURS LOCATION 0 NO 1 MITRAL 2 AORTIC 3 BOTH 4 OTHER . UNKNOWN (1)
B210	D204/27	DISTENDED NECK VEINS 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B211	D204/28	BREASTS: ABNORMAL 0 NO 1 YES NO UNKNOWNS
B212	D204/29	BREASTS: SCAR PRESENT 3 NO 4 RADICAL MASTECTOMY 5 SIMPLE MASTECTOMY 6 BIOP. 7 OTHER . UNKNOWN (1)
B213	D204/30	BREAST: LOCALIZED MASS. 0 NO 1 YES 2 MAYBE . UNKNOWN (4)
B214	D204/31	BREAST: AXILLARY NODES 0 NO 1 YES 2 MAYBE . UNKNOWN (3)

VARIABLE NUMBER	SOURCE	INFORMATION
B215	D204/32	ABDOMEN: LIVER ENLARGED 0 NO 1 YES 2 MAYBE . UNKNOWN (5)
B216	D204/33	ABDOMEN: ABDOMINAL ANEURYSM 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B217	D204/34	ABDOMEN: BRUIT 3 NO 4 YES 5 MAYBE . UNKNOWN (2)
B218	D204/35	ABDOMEN: SUGICAL SCAR 0 NO 1 YES 2 MAYBE . UNKNOWN (5)
B219	D204/36	ABDOMEN: OTHER ABNORMALITY 0 NO 1 YES 2 MAYBE . UNKNOWN (5)
B220	D204/37	PERIPHERAL VESSELS: LEFT ANKLE EDEMA 0 NO 1 YES, GRADE 1 2 YES, GRADE 2 3 YES, GRADE 3 4 YES, GRADE 4 . UNKNOWN (2)
B221	D204/38	PERIPHERAL VESSELS: RIGHT ANKLE EDEMA 0 NO 1 YES, GRADE 1 2 YES, GRADE 2 3 YES, GRADE 3 4 YES, GRADE 4 . UNKNOWN (4)
B222	D204/39	PERIPHERAL VESSELS: VARICOSITY-LEFT STEM 0 NO 1 YES, GRADE 1 2 YES, GRADE 2 3 YES, GRADE 3

VARIABLE NUMBER	SOURCE	INFORMATION
		4 YES, GRADE 4 . UNKNOWN (3)
B223	D204/40	PERIPHERAL VESSELS: VARICOSITY-RIGHT STEM 0 NO 1 YES, GRADE 1 2 YES, GRADE 2 3 YES, GRADE 3 4 YES, GRADE 4 . UNKNOWN (3)
B224	D204/41	PERIPHERAL VESSELS: VARICOSITY-RETICULAR 0 NO 1 YES, GRADE 1 2 YES, GRADE 2 3 YES, GRADE 3 4 YES, GRADE 4 . UNKNOWN (4)
B225	D204/42	PERIPHERAL VESSELS: VARICOSITY-SPIDER 0 NO 1 YES, GRADE 1 2 YES, GRADE 2 3 YES, GRADE 3 4 YES, GRADE 4 . UNKNOWN (4)
B226	D204/43	PERIPHERAL VESSELS: AMPUTATION 0 NO 1 LEFT 2 RIGHT 3 BOTH . UNKNOWN (2) deleted - to preserve confidentiality
B227	D204/44	PERIPHERAL VESSELS: COLDER FOOT 3 NO 4 YES, LEFT 5 YES, RIGHT 6 BOTH 7 MAYBE . UNKNOWN (15)
B228	D204/45	PERIPHERAL VESSELS: FEEBLE PULSE 0 NO 1 YES, LEFT 2 YES, RIGHT

VARIABLE NUMBER	SOURCE	INFORMATION
		3 BOTH 4 MAYBE . UNKNOWN (6)
B229	D204/46	PERIPHERAL VESSELS: DORSAL PEDIS 0 NO 1 YES, LEFT 2 YES, RIGHT 3 BOTH 4 MAYBE . UNKNOWN (7)
B230	D204/47	PERIPHERAL VESSELS: POSTERIOR TIBIAL 0 NO 1 YES, LEFT 2 YES, RIGHT 3 BOTH 4 MAYBE . UNKNOWN (6)
B231	D204/48	PERIPHERAL VESSELS: FEMORAL 0 NO 1 YES, LEFT 2 YES, RIGHT 3 BOTH 4 MAYBE . UNKNOWN (4)
B232	D204/49	PERIPHERAL VESSELS: RADIAL 3 NO 4 YES, LEFT 5 YES, RIGHT 6 BOTH 7 MAYBE . UNKNOWN (4)
B233	D204/50	PERIPHERAL VESSELS: FEMORAL BRUITS 0 NO 1 YES, LEFT 2 YES, RIGHT 3 BOTH 4 MAYBE . UNKNOWN (5)
B234	D204/51	PERIPHERAL VESSELS: MID-THIGH BRUITS 0 NO 1 YES, LEFT 2 YES, RIGHT

VARIABLE NUMBER	SOURCE	INFORMATION
		3 BOTH 4 MAYBE . UNKNOWN (6)
B235	D204/52	PERIPHERAL VESSELS: POPLITEAL BRUITS 0 NO 1 YES, LEFT 2 YES, RIGHT 3 BOTH 4 MAYBE . UNKNOWN (7)
B236	D204/53	FIRST EXAMINER'S OPINION: ARTERIAL PERIPHERAL VAS DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B237	D204/54	FIRST EXAMINER'S OPINION: CHRONIC VENOUS INSUFF WITHOUT STEM VARICOSE VEINS 0 NO 1 YES 2 MAYBE . UNKNOWN (4)
B238	D204/55	FIRST EXAMINERS OPINION: CHRONIC VENOUS INSUFF WITH STEN VARICOSE VEINS 0 NO 1 YES 2 MAYBE . UNKNOWN (4)
B239	D204/56	SECOND EXAMINER'S OPINION: ARTERIAL PERIPHERAL VAS DISEASE 0 NO 1 YES 2 MAYBE 3 NO 2ND EXAM. . UNKNOWN (6)
B240	D204/57	SECOND EXAMINER'S OPINION: CHRONIC VENOUS INSUFF WITHOUT STEM VARICOSE VEINS 0 NO 1 YES 2 MAYBE 3 NO 2ND EXAM. . UNKNOWN (6)

VARIABLE NUMBER	SOURCE	INFORMATION
B241	D204/58	SECOND EXAMINERS OPINION: CHRONIC VENOUS INSUFF WITH STEN VARICOSE VEINS 0 NO 1 YES 2 MAYBE 3 NO 2ND EXAM. . UNKNOWN (6)
B242	D204/59	NEUROLOGICAL FINDINGS: SPEECH DISTURBANCE 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B243	D204/60	NEUROLOGICAL FINDINGS: DISTURBANCE IN GAIT 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B244	D204/61	NEUROLOGICAL FINDINGS: LOC MUSCLE WEAKNESS 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B245	D204/62	NEUROLOGICAL FINDINGS: VISUAL DISTURBANCE 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B246	D204/63	NEUROLOGICAL FINDINGS: ABNORMAL REFLEXES 3 NO 4 YES 5 MAYBE . UNKNOWN (2)
B247	D204/64	NEUROLOGICAL FINDINGS: CRANIAL NERVE ABNORMAL 0 NO 1 YES 2 MAYBE

VARIABLE NUMBER	SOURCE	INFORMATION
		. UNKNOWN (4)
B248	D204/65	NEUROLOGICAL FINDINGS: CEREBELLAR SIGNS 0 NO 1 YES 2 MAYBE . UNKNOWN (4)
B249	D204/66	NEUROLOGICAL FINDINGS: SENSORY IMPAIRMENT 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B250	D204/67	NEUROLOGICAL FINDINGS: CAROTID BRUITS 0 NO 1 YES, LEFT 2 YES, RIGHT 3 MAYBE 4 BOTH . UNKNOWN (2)
B251	D204/68	FIRST EXAMINER BELIEVES THIS IS RESIDUAL OF CVA 0 NO 1 YES 2 MAYBE . UNKNOWN (2) deleted - use most current soe file
B252	D204/69	SECOND EXAMINER BELIEVES THIS IS RESIDUAL OF CVA 0 NO 1 YES 2 MAYBE 3 NO 2ND EXAM . UNKNOWN (4) deleted - use most current soe file
B253	D204/70	EAR: EARLOBE CREASE 0 NO 1 YES 2 MAYBE 3 UNKNOWN
B254	D204/71	PHYSICIANS JUDGEMENT 1-7 . UNKNOWN (17)

VARIABLE NUMBER	SOURCE	INFORMATION
		deleted - redundant, use most current soe file
B255	D205/05	ECG: VENTRICULAR RATE 32-112 KNOWN, PER MINUTE . UNKNOWN (6)
B256	D205/08	ECG: P-R INTERVAL 8-60 HUNDREDTHS OF A SEC. . UNKNOWN (15)
B257	D205/10	ECG: QRS INTERVAL 4-16 HUNDREDTHS OF A SEC. . UNKNOWN (10)
B258	D205/12	ECG: QT INTERVAL 1-56 HUNDREDTHS OF A SEC. . UNKNOWN (11)
B259	D205/14	ECG: DIRECTION ALONG X-AXIS OF QRS VALUE 1 NEGATIVE 2 POSITIVE NO UNKNOWNS
B260	D205/15	ECG: MAGNITUDE OF QRS VALUE 0-120 KNOWN . UNKNOWN (13)
B261	D205/18	ECG: INTRAVENTRICULAR BLOCK-RIGHT (INCOMPLETE=S1,R'V1) 0 NO 1 COMPLETE 2 INCOMPLETE 3 IND. . UNKNOWN (11)
B262	D205/19	ECG: INTRAVENTRICULAR BLOCK-LEFT 0 NO 1 COMPLETE 2 INCOMPLETE 3 IND. . UNKNOWN (11)
B263	D205/20	ECG: INTRAVENTRICULAR BLOCK-HEMIBLOCK 0 NO 1 LAH 2 LPH

VARIABLE NUMBER	SOURCE	INFORMATION
		. UNKNOWN (12)
B264	D205/21	ECG: INTRAVENTRICULAR BLOCK-BIFASCICULAR 0 NO 1 YES . UNKNOWN (13)
B265	D205/22	ECG: ATRIOVENTRICULAR BLOCK-INCOMPLETE 0 NO 1 DEGREE 1 2 DEGREE 2 . UNKNOWN (11)
B266	D205/23	ECG: ATRIOVENTRICULAR BLOCK-COMPLETE (TF=TRIFASCICULAR) 0 NO 1 NODAL 2 TF . UNKNOWN (12)
B267	D205/24	ECG: WOLFF-PARKINSON-WHITE (WPW) SYNDROME 0 NO 1 YES 2 MAYBE . UNKNOWN (12)
B268	D205/25	ECG: PREMATURE BEATS 0 NO 1 YES, ATRIAL 2 YES, VENTRICULAR 3 YES, NODAL 4 YES, COMBINED . UNKNOWN (12)
B269	D205/26	ECG: ATRIAL FIBRILLATION 0 NO 1 YES . UNKNOWN (13)
B270	D205/27	ECG: ATRIAL FLUTTER 0 NO 1 YES . UNKNOWN (13)
B271	D205/28	ECG: U WAVE 0 NO 1 YES

VARIABLE NUMBER	SOURCE	INFORMATION
		2 MAYBE . UNKNOWN (12)
B272	D205/29	ECG: OTHER ECG ABNORMALITY 0 NO 1 YES, RT. ATRIAL ENG. 2 YES, OTHER 3 YES, BOTH . UNKNOWN (11)
B273	D205/30	ECG: DIGITALIS EFFECT 0 NO 1 YES 2 MAYBE . UNKNOWN (13)
B274	D205/31	ECG: MYOCARDIAL INFARCTION 0 NO 1 YES 2 MAYBE . UNKNOWN (12)
B275	D205/32	ECG: LEFT VENTRICULAR HYPERTROPHY 0 NO 1 YES 2 MAYBE . UNKNOWN (13)
B276	D205/33	ECG: NONSPECIFIC T-WAVE ABNORMALITY 0 NO 1 YES 2 MAYBE . UNKNOWN (11)
B277	D205/34	ECG: NONSPECIFIC ST-SEGMENT ABNORMALITY 0 NO 1 YES 2 MAYBE . UNKNOWN (12)
B278	D205/35	ECG: CLINICAL READING 0 NORMAL 1 ABNORMAL 2 DOUBTFUL . UNKNOWN (8)
B279	D206/05	X RAY: CHEST FILM SATISFACTORY 1 SAT 2 UNSAT . UNKNOWN (461)

VARIABLE NUMBER	SOURCE	INFORMATION
B280	D206/06	X RAY: GEN CARDIAC ENLARGEMENT 0 NO 1 YES 2 MAYBE . UNKNOWN (462)
B281	D206/07	X RAY: LEFT VENTRICULAR HYPERTROPHY 1 YES 2 MAYBE . UNKNOWN (461)
B282	D206/08	X RAY: OTHER CONTOUR 0 NO 1 YES 2 MAYBE . UNKNOWN (461)
B283	D206/09	X RAY: TRANS-THORACIC DIAMETER 93-401 KNOWN . UNKNOWN (459)
B284	D206/12	X RAY: TRANS-CARDIAC DIAMETER 80-286 KNOWN . UNKNOWN (461)
B285	D206/15	X RAY: HEART LARGER NOW 0 NO 1 YES 2 MAYBE . UNKNOWN (461)
B286	D206/16	X RAY: CHF 0 NO 1 YES 2 MAYBE . UNKNOWN (462)
B287	D206/17	X RAY: PULMON VASCULAR ENGORGE 0 NO 1 YES 2 MAYBE . UNKNOWN (461)
B288	D206/18	X RAY: PLEURAL EFFUSION 0 NO 1 YES 2 MAYBE

VARIABLE NUMBER	SOURCE	INFORMATION
		. UNKNOWN (460)
B289	D206/19	X RAY: DILATATION 0 NO 1 YES 2 MAYBE . UNKNOWN (460)
B290	D206/20	X RAY: ANEURYSM 0 NO 1 YES 2 MAYBE . UNKNOWN (460)
B291	D206/21	X RAY: CALCIFICATION 0 NO 1 YES 2 MAYBE . UNKNOWN (461)
B292	D206/22	X RAY: OTHER AORTIC ABNORMALITY 0 NO 1 YES 2 MAYBE . UNKNOWN (463)
B293	D206/23	X RAY: OTHER THORACIC DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (3867)
*** Version 1: 02-08-2007		ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
B294	D207/05	HYPERTENSIVE STATUS 0 NORMAL 1 DEFINITE 2 BORDERLINE NO UNKNOWNS
B295	D207/06	TREATMENT FOR HYPERTENSION 0 NO 1 YES 2 MAYBE . UNKNOWN (1)
B296	D207/07	HYPERTENSIVE HEART DISEASE 0 NO 1 YES 2 MAYBE

VARIABLE NUMBER	SOURCE	INFORMATION
		. UNKNOWN (5)
B297	D207/08	DIAG HHD IS OUTSIDE CRITERIA 0 NO 1 YES NO UNKNOWNS deleted - redundant, use most current soe file
B298	D207/09	ANGINA PECTORIS 0 NO 1 YES, NEW 2 YES, OLD 3 YES, RECURRENCE 4 MAYBE . UNKNOWN (2) deleted - redundant, use most current soe file
B299	D207/10	CORONARY INSUFFICIENCY: 1 YES, NEW 2 YES, OLD 3 YES, RECURRENCE 4 MAYBE . UNKNOWN (2) deleted - redundant, use most current soe file
B300	D207/11	MYOCARDIAL INFARCTION 1 YES, NEW 2 YES, OLD 3 YES, RECURRENCE 4 MAYBE . UNKNOWN (4) deleted - redundant, use most current soe file
B301	D207/12	RHEUMATIC HEART DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B302	D207/13	AORTIC VALVE DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B303	D207/14	MITRAL VALVE DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (3)

VARIABLE NUMBER	SOURCE	INFORMATION
B304	D207/15	OTHER HEART DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B305	D207/16	CONGESTIVE HEART FAILURE-CHF 0 NO 1 YES 2 MAYBE . UNKNOWN (3) deleted - redundant, use most current soe file
B306	D207/17	ARRHYTHMIA 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B307	D207/18	FUNCTIONAL CLASS 0 NO HEART DISEASE 1 CLASS 1 2 CLASS 2 3 CLASS 3 4 CLASS 4 . UNKNOWN (6)
B308	D207/19	INTERMITTENT CLAUDICATION 0 NO 1 YES 2 MAYBE . UNKNOWN (5) deleted - redundant, use most current soe file
B309	D207/20	OTHER MANIFESTATION 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B310	D207/21	VARICOSE VEINS 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B311	D207/22	CHRONIC VENOUS INSUFFICIENCY WITHOUT VARICOSE VEINS 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B312	D207/23	PHLEBITIS

VARIABLE NUMBER	SOURCE	INFORMATION
		0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B313	D207/24	OTHER VASCULAR DIAGNOSIS 0 NO 1 YES 2 MAYBE . UNKNOWN (7)
B314	D207/25	ATHEROSLEROTIC INFARCTION OF BRAIN 0 NO 1 YES, NEW 2 YES, OLD 3 YES, RECURRENCE 4 MAYBE . UNKNOWN (4) deleted - redundant, use most current soe file
B315	D207/26	EMBOLIC INFARCTION OF BRAIN 0 NO 1 YES, NEW 2 YES, OLD 3 YES, RECURRENCE 4 MAYBE . UNKNOWN (4) deleted - redundant, use most current soe file
B316	D207/27	HEMORRHAGE INTO BRAIN 0 NO 1 YES, NEW 2 YES, OLD 3 YES, RECURRENCE 4 MAYBE . UNKNOWN (6) deleted - redundant, use most current soe file
B317	D207/28	SUBARACHNOID HEMORRHAGE 0 NO 1 YES, NEW 2 YES, OLD 3 YES, RECURRENCE 4 MAYBE . UNKNOWN (5) deleted - redundant, use most current soe file
B318	D207/29	TRANSIENT ISCHEMIC ATTACKS 0 NO 1 YES, NEW 2 YES, OLD 3 YES, RECURRENCE 4 MAYBE . UNKNOWN (5) deleted - redundant, use most current soe file

VARIABLE NUMBER	SOURCE	INFORMATION
B319	D207/30	OTHER VASCULAR DISEASE OF BRAIN 0 NO 1 YES, NEW 2 YES, OLD 3 YES, RECURRENCE 4 MAYBE . UNKNOWN (5) deleted - redundant, use most current soe file
B320	D207/31	DIABETES MELLITUS 0 NO 1 YES 2 MAYBE . UNKNOWN (2) deleted - redundant, use most current diabetes file
B321	D207/32	URINARY TRACT DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B322	D207/33	PROSTATE 0 NO 1 YES 2 MAYBE 8 FEMALE . UNKNOWN (3)
B323	D207/34	RENAL 0 NO 1 YES 2 MAYBE . UNKNOWN (8)
B324	D207/35	PULMONARY DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B325	D207/36	CHRONIC OBSTRUCTIVE LUNG DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (3)
B326	D207/37	CHRONIC BRONCHITIS

VARIABLE NUMBER	SOURCE	INFORMATION
		0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B327	D207/38	GOUTY ARTHRITIS 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B328	D207/39	OTHER ARTHRITIS 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B329	D207/40	GALLBLADDER DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B330	D207/41	OBESITY 0 NO 1 YES 2 MAYBE . UNKNOWN (2)
B331	D207/42	CANCER 0 NO 1 YES 2 MAYBE . UNKNOWN (5) deleted - redundant, use most current cancer file
B332	D207/43	OTHER NON-CARDIO DIAGNOSES 0 NO 1 YES 2 MAYBE . UNKNOWN (11)
B333	D207/44	PERSONALITY TYPE 0 X 1 A1 2 A2 3 B . UNKNOWN (71)
B334	D209/05	BLOOD ANALYSIS: HEMATOCRIT **(FHS lab)** . UNKNOWN (3867)
*** Version 1: 02-08-2007		ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM

VARIABLE NUMBER	SOURCE	INFORMATION
		Note: deleted due to all missing values
B335	B209/07	BLOOD ANALYSIS: SUGAR **(FHS lab)**
		. UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
		Note: deleted due to all missing values
B336	D209/10	BLOOD ANALYSIS: SERUM SODIUM **(FHS lab)**
		. UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
		Note: deleted due to all missing values
B337	D209/13	BLOOD ANALYSIS: SERUM POTASSIUM **(FHS lab)**
		. UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
		Note: deleted due to all missing values
B338	D209/15	BLOOD ANALYSIS: APO A1 **(FHS lab)**
		. UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
		Note: deleted due to all missing values
B339	D209/18	BLOOD ANALYSIS: APO A2 **(FHS lab)**
		. UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
		Note: deleted due to all missing values
B340	D209/21	BLOOD ANALYSIS: APO C1 **(FHS lab)**
		. UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
		Note: deleted due to all missing values
B341	D209/23	BLOOD ANALYSIS: APO C2 **(FHS lab)**
		. UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
		Note: deleted due to all missing values
B342	D209/26	BLOOD ANALYSIS: APO C3 **(FHS lab)**
		99-909 KNOWN
		. UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM

VARIABLE NUMBER	SOURCE	INFORMATION

Note: deleted due to all missing values

B343 D209/30 BLOOD ANALYSIS: APO E **(FHS lab)**
. UNKNOWN (3867)
*** Version 1: 02-08-2007 ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM

Note: deleted due to all missing values

B344 D209/34 BLOOD ANALYSIS: PLATELET FACTOR 4 **(FHS lab)**
. UNKNOWN (3867)
*** Version 1: 02-08-2007 ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM

Note: deleted due to all missing values

B345 D209/37 BLOOD ANALYSIS: ANTITHROMBIN 3 **(FHS lab)**
. UNKNOWN (3867)
*** Version 1: 02-08-2007 ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM

Note: deleted due to all missing values

B346 D209/40 URINALYSIS: ALBUMIN (QUANTITEST0 **(FHS lab)**
0-200 KNOWN
. UNKNOWN (204)

B347 D209/44 URINALYSIS: OCCULT BLOOD **(FHS lab)**
0 NEGATIVE
1 SMALL
2 MODERATE
3 LARGE
. UNKNOWN (204)

B348 D209/45 URINALYSIS: KETONE **(FHS lab)**
0 NEGATIVE
1 SMALL
2 MODERATE
3 LARGE
. UNKNOWN (187)

B349 D209/46 URINALYSIS: GLUCOSE **(FHS lab)**
0 NEGATIVE
1 LIGHT
2 MEDIUM
3 DARK
. UNKNOWN (186)

B350 D209/47 URINALYSIS: ALBUMIN (DIPSTICK) TRACE=10 **(FHS lab)**
0-9000 KNOWN
. UNKNOWN (184)

VARIABLE NUMBER	SOURCE	INFORMATION
B351	D209/51	URINALYSIS: PH (8=PH8 OR 9) **(FHS lab)** 0 NEGATIVE OR LIGHT 5 NEGATIVE 6 LIGHT 7 MEDIUM 8 DARK . UNKNOWN (187)
*** Version 2: 08-22-2007		added 0 as valid code **Note: deleted due to unreliable values**
B352	D210/05	BLOOD ANALYSIS-FASTING LIPIDS **(FHS lab)** TOTAL CHOLESTEROL 52-511 KNOWN MG/100ML . UNKNOWN (85)
B353	D210/08	BLOOD ANALYSIS-FASTING LIPIDS **(FHS lab)** BOTTOM FRACTION **= HDL(Alpha) + LDL(Beta)** 51-390 KNOWN MG/100ML . UNKNOWN (86)
B354	D210/11	BLOOD ANALYSIS-FASTING LIPIDS **(FHS lab)** ALPHA CHOL BOTTOM FRACTION 51-390 KNOWN MG/100ML . UNKNOWN (86) **Note: deleted due to redundancy with B353 (duplicate)**
B355	D210/14	BLOOD ANALYSIS-FASTING LIPIDS **(FHS lab)** HDL CHOLESTEROL (ALPHA) MEASURED BY ELECTROPHORESIS 14-119 KNOWN MG/100ML . UNKNOWN (85)
B356	D210/17	BLOOD ANALYSIS-FASTING LIPIDS **(FHS lab)** VLDL CHOLESTEROL (Top Fraction) 1-421 KNOWN MG/100ML . UNKNOWN (86)
B357	D210/20	BLOOD ANALYSIS-FASTING LIPIDS **(FHS lab)** LDL CHOLESTEROL **(Beta)** 7-314 KNOWN MG/100ML . UNKNOWN (86)
B358	D210/23	BLOOD ANALYSIS-FASTING LIPIDS **(FHS lab)** TRIGLYCERIDE 11-2359 KNOWN **mg/100mL** . UNKNOWN (85)

VARIABLE NUMBER	SOURCE	INFORMATION
B359	D210/27	BLOOD ANALYSIS-FASTING LIPIDS **(FHS lab)** ORIGIN WHOLE PLASMA **Electrophoresis** 0 NO (600) 1 YES (13) 2 TRACE (14) . UNKNOWN (3240) **Note: Reason for small sample size (n=627) is not known as of 2011**
B360	D210/28	BLOOD ANALYSIS-FASTING LIPIDS **(FHS lab)** WHOLE PLASMA PRE-BETA **Electrophoresis** 0 NO (128) 1 YES (390) 2 TRACE (109) . UNKNOWN (3240) **Note: Reason for small sample size (n=627) is not known as of 2011**
B361	D210/29	BLOOD ANALYSIS-FASTING LIPIDS ORIGIN TOP FRACTION (1.006) **(FHS lab)** **Electrophoresis** 0 NO (484) 1 YES (10) 2 TRACE (8) . UNKNOWN (3365) **Note: Reason for small sample size (n=502) is not known as of 2011**
B362	D210/30	BLOOD ANALYSIS-FASTING LIPIDS BETA TOP FRACTION **(FHS lab)** **Electrophoresis** 0 NO (498) 1 YES (3) 2 TRACE (0) . UNKNOWN (3366) **Note: Reason for small sample size (n=501) is not known as of 2011**
B363	D210/31	BLOOD ANALYSIS-FASTING LIPIDS PRE-BETA TOP FRACTION **(FHS lab)** **Electrophoresis** 0 NO (116) 1 YES (294) 2 TRACE (91) . UNKNOWN (3366) **Note: Reason for small sample size (n=501) is not known as of 2011**

VARIABLE NUMBER	SOURCE	INFORMATION
B364	D210/32	BLOOD ANALYSIS-FASTING LIPIDS PRE-BETA BOTTOM FRACTION **(FHS lab)** **Electrophoresis** 0 NO (447) 1 YES (32) 2 TRACE (20) . UNKNOWN (3368) **Note: Reason for small sample size (n=499) is not known as of 2011**
B365	D210/33	BLOOD ANALYSIS-FASTING LIPIDS WHOLE PLASMA APPEARANCE **(FHS lab)** 0 CLEAR 1 CLOUDY 2 MILKY . UNKNOWN (85)
B366	D210/34	BLOOD ANALYSIS FASTING LIPIDS INFRANATE AFTER 12 HRS. AT 4 DEGREE **(FHS lab)** 0 CLEAR 1 CLOUDY 2 MILKY . UNKNOWN (85)
B367	D210/35	BLOOD ANALYSIS-FASTING LIPIDS: CREAM AFTER 12 HRS. OR MORE **(FHS lab)** 0 NO 1 YES . UNKNOWN (85)
B368	D210/36	BLOOD ANALYSIS-FASTING LIPIDS: FASTING 12 HRS. OR MORE **(FHS lab)** 0 NO 1 YES . UNKNOWN (121)
B369	D210/37	BLOOD ANALYSIS-FASTING LIPIDS: CONFIRMATION TYPE 3 **(FHS lab)** 0 NO 1 YES . UNKNOWN (3864) *** Version 1: 02-23-2007 Not measured for the majority of participants **Note: deleted due to all missing values**
B370	D210/38	BLOOD ANALYSIS-FASTING LIPIDS: PRE-BETA BAND **(FHS lab)** 0 NO (106) 1 YES (395) 2 TRACE (107) . UNKNOWN (3259) **Note: Reason for small sample size (n=608) is not known as of 2011**

VARIABLE NUMBER	SOURCE	INFORMATION
B371	D210/39	BLOOD ANALYSIS-FASTING LIPIDS: SINKING PRE-BETA BAND **(FHS lab)** 0 NO (435) 1 YES (32) 2 TRACE (20) . UNKNOWN (3380) **Note: Reason for small sample size (n=487) is not known as of 2011**
B372	D210/40	BLOOD ANALYSIS-FASTING LIPIDS: **(FHS lab)** FREDRICKSON CLASSIFICATION 0 NORMAL 1 LIPOPROTEIN TYPE 1 2 LIPOPROTEIN TYPE 2 3 LIPOPROTEIN TYPE 3 4 LIPOPROTEIN TYPE 4 5 LIPOPROTEIN TYPE 5 . UNKNOWN (100)
B373	CALCULATED	HYPERTENSION-ON TREAT OR ELEVATED BP 0 NO 1 YES . UNKNOWN (4)
B374	CALCULATED	CURRENTLY TAKING MEDICATION FOR HYPER 0 NO 1 YES . UNKNOWN (3)
B375	CALCULATED	EVER SMOKED REGULARLY 0 NO 1 YES . UNKNOWN (3)
B376	CALCULATED	EVER SMOKED CIGARETTES REGULARLY 0 NO 1 YES . UNKNOWN (10)
B377	CALCULATED	NUMBER OF CIGARETTES SMOKED 0 NO 1-95 KNOWN . UNKNOWN (30)
B378	CALCULATED	CIGCODEN 0 NO 1-95 KNOWN . UNKNOWN (2) deleted - redundant, use B377

VARIABLE NUMBER	SOURCE	INFORMATION
B379	CALCULATED	CURRENT CIGARETTE SMOKING 0 NO 1 YES . UNKNOWN (11)
B380	CALCULATED	TOTAL WEEKLY EQUIVALENT ALCOHOL-OZ 0 NO 1-57 OZ . UNKNOWN (3)

***Version 3 12/2/2008
B380 deleted – changing definition over time, to be calculated by end user

B381	CALCULATED	CURRENT SMOKING-REG LAST 2 YRS 0 NO 1 YES . UNKNOWN (3)
B382	D211/05	LAST TIME FOOD TAKING (IN 24 HRS) 0 NO 1-32 HRS . UNKNOWN (257)
B383	D211/07	DISPOSITION 1 EXERCISE TEST 2 RESCHEDULE 3 EXCLUDE . UNKNOWN (34)
B384	D211/08	TARGET HEART RATE 158-179 KNOWN . UNKNOWN (309)
B385	D211/11	SUSPECTED RECENT MI (WITHIN 3 MONS) 0 NO 1 YES . UNKNOWN (84) deleted - redundant, use most current soe file
B386	D211/12	DIAG UNSTABLE ANGINA DECTORIS 0 NO 1 YES . UNKNOWN (84) deleted - redundant, use most current soe file
B387	D211/13	UNCOMPENSATED VALVULAR HEART DIS 0 NO 1 YES . UNKNOWN (84)

VARIABLE NUMBER	SOURCE	INFORMATION
B388	D211/14	EVIDENCE CONGESTIVE HEART FAILURE 0 NO 1 YES . UNKNOWN (84) deleted - redundant, use most current soe file
B389	D211/15	INTRAVENTRICULAR, OR LBBB - EXCLU RBBB 0 NO 1 YES . UNKNOWN (84)
B390	D211/16	PVC'S>25% OF ALL RECORDED BEATS 0 NO 1 YES . UNKNOWN (84)
B391	D211/17	PVC'S IN PAIRS OR RUNS 0 NO 1 YES . UNKNOWN (84)
B392	D211/18	ANV DISTINCT R ON T PVC 0 NO 1 YES . UNKNOWN (84)
B393	D211/19	RECENT SYNCOPE OR FAINTING 0 NO 1 YES . UNKNOWN (84)
B394	D211/20	SYS BP PRE-EXERCISE > 200 MM HG. 0 NO 1 YES . UNKNOWN (84)
B395	D211/21	DIAS BP PRE-EXERCISE >120 MM HG. 0 NO 1 YES . UNKNOWN (84)
B396	D211/22	REFUSAL TO SIGN CONSENT FORM 0 NO 1 YES . UNKNOWN (84)
B397	D211/23	INABILITY WALK ON TREADMILL 0 NO 1 YES . UNKNOWN (84)

VARIABLE NUMBER	SOURCE	INFORMATION
B398	D211/24	EQUIPMENT MALFUNCTION 0 NO 1 YES . UNKNOWN (84)
B399	D211/25	ATRIAL FLUTTER OF FIBRILLATION 0 NO 1 YES . UNKNOWN (84) deleted - redundant, use most current soe file
B400	D211/26	OTHER 0 NO 1 YES . UNKNOWN (84)
B401	D211/27	PRE-EXERCISE ECG: Q WAVES 0 NO 112-127 . UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
B402	D211/30	PRE-EXERCISE ECG: ST SEGMENT DEPRESSION 0 NO 51-412 . UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
B403	D211/33	PRE-EXERCISE ECG: VENTRICULAR CONDUCTION DEFECT 0 NO 64-72 . UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
B404	D211/35	PRE-EXERCISE ECG: LEFT VENTRICULAR HYPERTROPHY 0 NO 31-33 . UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
B405	D211/37	PRE-EXERCISE ECG: VENTRICULAR ARRHGTHMIAS 0 NO 1-2 . UNKNOWN (3867)
*** Version 1:	02-08-2007	ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM

VARIABLE NUMBER	SOURCE	INFORMATION
B406	D211/40	PRE-EXERCISE ECG: ATRIAL ARRHGTHMIAS 0 NO 800 . UNKNOWN (3867)
*** Version 1: 02-08-2007		ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
B407	D211/43	PRE-EXERCISE ECG: A-V CONDUCTION DEFECTS 0 NO 622-640 . UNKNOWN (3867)
*** Version 1: 02-08-2007		ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM
B408	D215/06	ECHO: TECHNICAL QUALITY 0 ACCEPT 1 NOT ACCEPTABLE . UNKNOWN (10)
B409	D215/07	ECHO: OVER ALL IMPRESSION 0 NORMAL 1 ABNORMAL 2 BOARDERLINE ABNORMAL . UNKNOWN (114)
B410	D215/08	ECHO: PERICARD EFFUS SITE 0 NONE 1 ANTERIOR 2 POSTERIOR 3 BOTH ANT + POST . UNKNOWN (62)
B411	D215/09	ECHO: PERICARD EFFUS SIZE 0 NONE 1 POSS 2 SMALL 3 LARGE . UNKNOWN (62)
B412	D215/10	ECHO: MITRAL VALVE MOTION-SYS 0 NORMAL 1 SAME 2 PROLAPSE . UNKNOWN (58)

VARIABLE NUMBER	SOURCE	INFORMATION
B413	D215/11	ECHO: MITRAL VALVE MOTION-DYS 0 NORMAL 1 MITRAL STENOSIS 2 AORTIC REGURGITATION 3 EF SLOPE 4 AR+MS 5 AR+DECREASED EF WITHOUT MS 6 MAYBE AR . UNKNOWN (40)
B414	D215/12	ECHO: AORTIC VALVE MOTION 0 NORMAL 1 ABNORMAL 2 MAYBE . UNKNOWN (18)
B415	D215/13	ECHO: TRICUSPID VALVE 0 NORMAL 1 ABNORMAL 2 MAYBE . UNKNOWN (3877)
B416	D215/14	ECHO: PULMONIC VALVE 0 NORMAL 1 ABNORMAL 2 MAYBE . UNKNOWN (3826)
B417	D215/15	ECHO: IV SEPTAL THICKNESS 0 NORMAL 1 ABNORMAL 2 MAYBE . UNKNOWN (124)
B418	D215/16	ECHO: POSTBASAL-WALL-THICK 0 NORMAL 1 ABNORMAL 2 MAYBE . UNKNOWN (96)
B419	D215/17	ECHO: IV-SEPTAL-MOTION 0 NORMALL 1 ABNORMAL 2 MAYBE . UNKNOWN (126)
B420	D215/18	ECHO: IV-POSTEROBASAL-MOTION 0 NORMAL 1 ABNORMAL 2 MAYBE . UNKNOWN (90)

VARIABLE NUMBER	SOURCE	INFORMATION
B421	D215/19	ECHO: LVID-D 0 NORMAL 1 ABNORMAL 2 MAYBE . UNKNOWN (119)
B422	D215/20	ECHO: LEFT ATRIUM 0 NORMAL 1 ABNORMAL 2 MAYBE . UNKNOWN (13)
B423	D215/21	ECHO: AORTIC ROOT 0 NORMAL 1 ABNORMAL 2 MAYBE . UNKNOWN (14)
B424	D215/22	ECHO: PROSTHETIC VALVE 0 NO 1 MITRAL 2 MAYBE 3 AORTIC 4 BOTH 5 OTHER . UNKNOWN (21)
B425	D215/23	ECHO: AORTIC STENOSIS 0 NO 1 YES 2 MAYBE . UNKNOWN (17)
B426	D215/24	ECHO: AORTIC VALVE CALCIUM 0 NO 1 YES 2 MAYBE . UNKNOWN (16)
B427	D215/25	ECHO: MITRAL REGURGATATION 0 NO 1 YES 2 MAYBE . UNKNOWN (120)
B428	D215/26	ECHO: DYSPROPORTINATE SEPTAL THICKEN 0 NO 1 YES 2 MAYBE . UNKNOWN (124)

VARIABLE NUMBER	SOURCE	INFORMATION
B429	D215/27	ECHO: COGESTIVE CARDIOMYOPATHY 0 NO 1 YES 2 MAYBE . UNKNOWN (121)
B430	D215/28	ECHO: CORONARY ARTERY DISEASE 0 NO 1 YES 2 MAYBE . UNKNOWN (133)
B431	D215/29	ECHO: RV VOLUME OVERLOAD 0 NO 1 YES 2 MAYBE . UNKNOWN (127)
B432	D215/30	ECHO: VENTRICULAR SEPTAL DEFECT 0 NO 1 YES 2 MAYBE . UNKNOWN (120)
B433	D215/31	ECHO: OTHER CONGEN ABNL 0 NO 1 YES 2 MAYBE . UNKNOWN (125)
B434	D215/32	ECHO: ATRIAL MASS 0 NO . UNKNOWN (14)
B435	D215/33	ECHO: PERICARDIAL-THICKENNG 0 NO 1 YES 2 MAYBE . UNKNOWN (69)

VARIABLE NUMBER	SOURCE	INFORMATION
B436	D215/34	ECHO: OTHER-SPECIFY 0 NONE 1 SPDD + SVT 2 VPDT - SPD +- SVT +- VT 3 PSEUDO VS TRUE MV PROLAPSE 4 FLAIL MITRAL VALVE 5 MAYBE MITRAL ANULAR CALCIUM(POSTERIOR) +-AF+-VPD+-SPD+-IVCD...BUT NOT LBBB 6 DEFINITE MITRAL ANULAR CALCIUM 7 DYSRHYTHMIA POSSIBLY AFFECTING MOTION: AF,LBBB,LVCD (BUT NOT RBBB), PACEMAKER, JUNCTIONAL RHYTHM, SINUS PAUSES>1.5 SEC. (+-VPDS,SPDS SPDS,SVT, OR VT) 8 OTHER (E.G.,AORTIC ROOT CALCIUM WITH NO VALUE AR CALCIUM, RV WALL THICKNESS INCREASED..>5MM=MAYBE, >=6MM=DEFINIT. OR COMBINATIONS OF THE ABOVE OTHER THAN THOSE THOSE SPECIFIED. . UNKNOWN (52)
B437	D215/35	ECHO: SEPT-THICK-NIH (MM) 6-22 . UNKNOWN (253) deleted - redundant, use B439
B438	D215/37	ECHO: IV-SEPT-THICK-PENN (MM) 5-20 . UNKNOWN (256) deleted - redundant, use B439
B439	D215/39	ECHO: IV-SEPT-THICK-STD (MM) 6-21 . UNKNOWN (256)
B440	D215/41	ECHO: IV-SEPT-SYSTOLE (MM) 9-26 . UNKNOWN (260)
B441	D215/43	ECHO: LV-POST-WALL-THIC-NIH (MM) 6-22 . UNKNOWN (229) deleted - redundant, use B443
B442	D215/45	ECHO: LV-POST-WALL-THIC-PENN (MM) 5-20 . UNKNOWN (252) deleted - redundant, use B443
B443	D215/47	ECHO: LV-POST-WALL-THIC-STD (MM) 6-21 . UNKNOWN (253)

VARIABLE NUMBER	SOURCE	INFORMATION
B444	D215/49	ECHO: LV-POST-WALL-THIC-SYS (MM) 10-26 . UNKNOWN (255)
B445	D215/51	ECHO: SEPT-POST-WALL-RATIO (MM) 9-17 . UNKNOWN (254)
B446	D215/53	ECHO: LVID-D-NIH (MM) 36-74 . UNKNOWN (257) deleted - redundant, use B448
B447	D215/55	ECHO: LVID-D-PENN (MM) 36-75 . UNKNOWN (257) deleted - redundant, use B448
B448	D215/57	ECHO: LVID-D-STD (MM) 35-73 . UNKNOWN (257)
B449	D215/59	ECHO: LVID-S (MM) 2-53 . UNKNOWN (256)
B450	D215/61	ECHO: LV-MASS-FORMULA-NIH (GMS) 82-998 . UNKNOWN (257) deleted - redundant, use B452
B451	D215/64	ECHO: LV-MASS-FORMULA-PENN (GMS) 47-948 . UNKNOWN (257) deleted - redundant, use B452
B452	D215/67	ECHO: LV-MASS-FORMULA-STD (GMS) 65-998 . UNKNOWN (257)
***Version 3 12/2/2008 B452 deleted – to be calculated by end user		
B453	D215/70	ECHO: RELATIVE WALL THICKEN,DIST(%) 23-98 . UNKNOWN (257)
B454	D215/72	ECHO: RELATIVE WALL THICKNESS,SYS(%) 12-54 . UNKNOWN (261)

VARIABLE NUMBER	SOURCE	INFORMATION
B455	D215/74	ECHO: LEFT ATRIAL DIMENTION (MM) 23-67 . UNKNOWN (81)
B456	D215/76	ECHO: AORTIC ROOT DIMENTION (MM) 20-46 . UNKNOWN (79)
B457	D215/78	ECHO: E-POINT SEPTAL SEPARATION (MM) 0-24 . UNKNOWN (2826)
B458	D215/80	ECHO: R-VENT-INTERNAL DIMENTION(MM) 13-45 . UNKNOWN (265)
B459	D215/82	ECHO: ESTIMATED-LVED-VOL (ML) 43-389 . UNKNOWN (257)
B460	D215/85	ECHO: ESTIMATED-LVES-VOL (ML) 0-149 . UNKNOWN (256)
B461	D215/88	ECHO: ESTIMATED-LV-STROKE-VOL (ML) 34-278 . UNKNOWN (257)
B462	D215/91	ECHO: ESTIMATED-MV-STROKE-VOL (ML) 35-136 . UNKNOWN (190)
B463	D215/94	ECHO: ESTIM-LV-FRACTIONAL-SHORTEN(%) 15-54 . UNKNOWN (257)
B464	D215/96	ECHO: ESTIMATED-LV-EJECTION (%) 37-90 . UNKNOWN (257)
B465	D215/98	ECHO: ESTIMATED-VCF (CIRC/SEC) 7-182 . UNKNOWN (3199)
B466	D215/101	ECHO: INTERVAL-HR (BTS/MIN) 34-114 . UNKNOWN (10)

VARIABLE NUMBER	SOURCE	INFORMATION
B467	D215/104	ECHO: INTERVAL-PR (SEC) 10-27 . UNKNOWN (22)
B468	D215/106	ECHO: INTERVAL-PR-AC (SEC) 1-18 . UNKNOWN (197)
B469	D215/108	ECHO: INTERVAL-LVET (SEC) 21-51 . UNKNOWN (3135)
B470	D215/110	ECHO: INTERVAL-LVETC (SEC) 35-53 . UNKNOWN (3135)
B471	D215/112	ECHO: INTERVAL-PEP-LVET 10-49 . UNKNOWN (3135)
B472	D215/114	ECHO: VALVE-MITRAL-E-F-SLOP (MM/SEC) 14-274 . UNKNOWN (182)
B473	D215/117	ECHO: VALVE-MITRAL-EXCURSION (MM) 10-37 . UNKNOWN (167)
B474	D215/119	ECHO: AORTIC-VALVE-OPENING (MM) 12-29 . UNKNOWN (144)
B475	D215/121	ECHO: VALVE-PULM-A-WAVE-DEPTH (MM) 2-6 . UNKNOWN (3827)
B476	D215/123	ECHO: ASSESSMENT OF CONTINOUS ECHO 0 BOTH 1 SEPT ONLY 2 LV FREE WALL ONLY 3 NEITHER=3 . UNKNOWN (10)
B477	D216/05	ECG: STUDY 1 OFFSPRING NO UNKNOWNS
B478	D216/06	ECG: HOURS-RECORDED 0-11 . UNKNOWN (98)

VARIABLE NUMBER	SOURCE	INFORMATION
B479	D216/08	ECG: NORMAL SINUS RHYTHM 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B480	D216/09	ECG: SINUS ARRHYTHMIA 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B481	D216/10	ECG: SINUS BRADYCARDIA 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B482	D216/11	ECG: SINUS TACHYCARDIA 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B483	D216/12	ECG: SUPRAVENTRIC-TACHY 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B484	D216/13	ECG: RR INTERVAL > 1.5 SECONDS 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B485	D216/14	ECG: SINUS ARREST 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B486	D216/15	ECG: ATRIAL FIBRILLATION 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B487	D216/16	ECG: ATRIAL FLUTTER 0 NO 1 YES 2 MAYBE . UNKNOWN (98)

VARIABLE NUMBER	SOURCE	INFORMATION
B488	D216/17	ECG: JUNCTIONAL RHYTHM 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B489	D216/18	ECG: IDIOVENTRIC RHYTHM 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B490	D216/19	ECG: FIXED CONDUCTION DEF 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B491	D216/20	ECG: INTERMIT IV CONDUCT DEF 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B492	D216/21	ECG: PRIMARY AV BLOCK 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B493	D216/22	ECG: SECONDARY AV BLOCK 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B494	D216/23	ECG: TERTIARY AV BLOCK 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B495	D216/24	ECG: AV DISSOCIATION 0 NO 1 YES 2 MAYBE . UNKNOWN (98)
B496	D216/25	ECG: PACEMAKER 0 NO 1 YES 2 MAYBE . UNKNOWN (98)

VARIABLE NUMBER	SOURCE	INFORMATION
B497	D216/26	ECG: OTHER FINDING 0 NONE 4 CODE NOT AVAILABLE 5 CODE NOT AVAILABLE 6 CODE NOT AVAILABLE 7 CODE NOT AVAILABLE 8 CODE NOT AVAILABLE . UNKNOWN (98)
B498	D216/27	ECG: VPD-TOTAL 0-1635 . UNKNOWN (98)
B499	D216/31	ECG: VPD-# OF FOCI 0-6 . UNKNOWN (98)
B500	D216/33	ECG: VPD-# OF COUPLETS 0-171 . UNKNOWN (98)
B501	D216/37	ECG: VPD-# OF EPISODE-VT 0-5 . UNKNOWN (98)
B502	D216/41	ECG: VPD-# OF BEATS-LONGEST RUN 0-7 . UNKNOWN (98)
B503	D216/44	ECG: VPD # OF R ON T 0-4 . UNKNOWN (98)
B504	D216/48	ECG: VPD HIGHEST GRADE 0-6 . UNKNOWN (98)
B505	D216/49	ECG: SPD TOTAL 0-1800 . UNKNOWN (104)
B506	D216/53	ECG: VPD DURING EXERCISE 0-149 . UNKNOWN (453)
B507	D216/56	ECG: SPD DURING EXERCISE 0-480 . UNKNOWN (450)

VARIABLE NUMBER	SOURCE	INFORMATION
B508	D216/59	ECG: TIME OF EXERCISE (MIN.) 0-22 . UNKNOWN (437)
B509	D216/61	ECG: VPDS DURING RECOVERY 0-202 . UNKNOWN (447)
B510	D216/64	ECG: SPDS DURING RECOVERY 0-998 . UNKNOWN (447)
B511	D216/67	ECG: TIME OF RECOVERY (MIN.) 4-73 . UNKNOWN (438)
B512	D216/69	ECG: HIGHEST VPD DURING EXERCISE 0-6 . UNKNOWN (450)
B513	D216/70	ECG: HIGHEST VPD DURING RECOVERY 0-6 . UNKNOWN (447)
B514	D216/71	ECG: OTHER EXERCISE, RECOVERY 0-8 . UNKNOWN (452)
B515	CALCULAT	BODY SURFACE AREA 1.23999-2.83984 . UNKNOWN (5)

NOTE: B515 = .0001 * 71.84 * (B13 ** .425) * (B14 ** .725);

B516	D217/05	SYSTOLIC-RESTING,SIT 78-210 . UNKNOWN (342)
B517	D217/08	DIASTOLIC-RESTING,SIT 28-122 . UNKNOWN (344)
B518	D217/11	HEART RATE-RESTING,SIT 36-136 . UNKNOWN (341)
B519	D217/14	N=1,P=2-RESTING,SIT 1-2 . UNKNOWN (345)

VARIABLE NUMBER	SOURCE	INFORMATION
B520	D217/15	ST. INTEGRAL-RESTING,SIT 0-208 . UNKNOWN (345)
B521	D217/18	N=1,P=2-RESTING,SIT 1-2 . UNKNOWN (342)
B522	D217/19	ST MACH-RESTING,SIT 0-34 . UNKNOWN (342)
B523	D217/21	J MANUAL-RESTING,SIT 0-1 . UNKNOWN (341)
B524	D217/22	ST MAN.-RESTING,SIT 0-1 . UNKNOWN (341)
B525	D217/23	ST.MINN CODE-RESTING,SIT 0-3 . UNKNOWN (341)
B526	D217/24	LEAD PLUS-RESTING,SIT 1-6 . UNKNOWN (341)
B527	D217/25	RHYTHM CODE-RESTING CODE 0-3 . UNKNOWN (341)
B528	D217/26	SYSTOLIC-RESTING P-HYVENT 68-208 . UNKNOWN (347)
B529	D217/29	DIASTOLIC-RESTING,P-HYVENT 0-120 . UNKNOWN (343)
B530	D217/32	HEART RATE-RESTING,P-HYVENT 37-164 . UNKNOWN (341)
B531	D217/35	N=1,P=2-RESTING,P-HYVENT 1-2 . UNKNOWN (348)

VARIABLE NUMBER	SOURCE	INFORMATION
B532	D217/36	ST. INTEGRAL RESTING,P-HYVENT 0-213 . UNKNOWN (348)
B533	D217/39	N=1,P=2-RESTING,P-HYVENT 1-2 . UNKNOWN (345)
B534	D217/40	ST MACH-RESTING,P-HYVENT 0-70 . UNKNOWN (345)
B535	D217/42	J MANUAL-RESTING,P-HYVENT 0-3 . UNKNOWN (344)
B536	D217/43	ST MAN.-RESTING,P-HYVENT 0-3 . UNKNOWN (343)
B537	D217/44	ST.MINN CODE-RESTING,P-HYVENT 0-3 . UNKNOWN (343)
B538	D217/45	LEAD PLUS-RESTING,P-HYVENT 1-6 . UNKNOWN (342)
B539	D217/46	RHYTHM CODE-RESTING CODE 0-1 . UNKNOWN (341)
B540	D217/47	SYSTOLIC-0, 1.7/0 94-210 . UNKNOWN (3670)
B541	D217/50	DIASTOLIC-0, 1.7/0 48-120 . UNKNOWN (3670)
B542	D217/53	HEART RATE-0, 1.7/0 56-151 . UNKNOWN (3670)
B543	D217/56	N=1,P=2-0, 1.7/0 1-2 . UNKNOWN (3673)

VARIABLE NUMBER	SOURCE	INFORMATION
B544	D217/57	ST. INTEGRAL-0, 1.7/0 0-131 . UNKNOWN (3673)
B545	D217/60	N=1,P=2-0, 1.7/0 1-2 . UNKNOWN (3670)
B546	D217/61	ST MACH-0, 1.7/0 0-19 . UNKNOWN (3670)
B547	D217/63	J MANUAL-0, 1.7/0 0-2 . UNKNOWN (3671)
B548	D217/64	ST MAN.-0, 1.7/0 0-2 . UNKNOWN (3671)
B549	D217/65	ST.MINN CODE-0, 1.7/0 0-3 . UNKNOWN (3671)
B550	D217/66	LEAD PLUS-0, 1.7/0 1-6 . UNKNOWN (3670)
B551	D217/67	RHYTHM CODE-RESTING CODE 0 . UNKNOWN (3670)
B552	D217/68	SYSTOLIC-RESTING,SIT 100-206 . UNKNOWN (3670)
B553	D217/71	DIASTOLIC-RESTING,SIT 54-128 . UNKNOWN (3670)
B554	D217/74	HEART RATE-RESTING,SIT 64-156 . UNKNOWN (3670)
B555	D217/77	N=1,P=2-RESTING,SIT 1-2 . UNKNOWN (3673)

VARIABLE NUMBER	SOURCE	INFORMATION
B556	D217/78	ST. INTEGRAL-RESTING,SIT 0-128 . UNKNOWN (3673)
B557	D217/81	N=1,P=2-RESTING,SIT 1-2 . UNKNOWN (3670)
B558	D217/82	ST MACH-RESTING,SIT 0-13 . UNKNOWN (3670)
B559	D217/84	J MANUAL-RESTING,SIT 0-2 . UNKNOWN (3671)
B560	D217/85	ST MAN.-RESTING,SIT 0-2 . UNKNOWN (3671)
B561	D217/86	ST.MINN CODE-RESTING,SIT 0-3 . UNKNOWN (3671)
B562	D217/87	LEAD PLUS-RESTING,SIT 1-6 . UNKNOWN (3670)
B563	D217/88	RHYTHM CODE-RESTING CODE 0-1 . UNKNOWN (3670)
B564	D217/89	SYSTOLIC-1, 1.7/10% 90-252 . UNKNOWN (354)
B565	D217/92	DIASTOLIC-1, 1.7/10% 10-130 . UNKNOWN (356)
B566	D217/95	HEART RATE-1, 1.7/10% 45-176 . UNKNOWN (349)
B567	D217/98	N=1,P=2-1, 1.7/10% 1-2 . UNKNOWN (360)
B568	D217/99	ST. INTEGRAL-1, 1.7/10%

VARIABLE NUMBER	SOURCE	INFORMATION
		0-250 . UNKNOWN (360)
B569	D217/102	N=1,P=2-1, 1.7/10% 1-2 . UNKNOWN (358)
B570	D217/103	ST MACH-1, 1.7/10% 0-31 . UNKNOWN (358)
B571	D217/105	J MANUAL-1, 1.7/10% 0-5 . UNKNOWN (353)
B572	D217/106	ST MAN.-1, 1.7/10% 0-4 . UNKNOWN (352)
B573	D217/107	ST.MINN CODE-1, 1.7/10% 0-3 . UNKNOWN (353)
B574	D217/108	LEAD PLUS-1, 1.7/10% 1-7 . UNKNOWN (351)
B575	D217/109	RHYTHM CODE-RESTING CODE 1-6 . UNKNOWN (348)
B576	D218/05	SYSTOLIC- 2, 2.5/12% 98-264 . UNKNOWN (441)
B577	D218/08	DIASTOLIC- 2, 2.5/12% 0-130 . UNKNOWN (440)
B578	D218/11	HEART RATE- 2, 2.5/12% 47-180 . UNKNOWN (430)
B579	D218/14	N=1,P=2- 2, 2.5/12% 1-2 . UNKNOWN (441)

VARIABLE NUMBER	SOURCE	INFORMATION
B580	D218/15	ST. INTEGRAL- 2, 2.5/12% 0-195 . UNKNOWN (442)
B581	D218/18	N=1,P=2- 2, 2.5/12% 1-2 . UNKNOWN (439)
B582	D218/19	ST MACH- 2, 2.5/12% 0-90 . UNKNOWN (439)
B583	D218/21	J MANUAL- 2, 2.5/12% 0-8 . UNKNOWN (434)
B584	D218/22	ST MAN.- 2, 2.5/12% 0-8 . UNKNOWN (434)
B585	D218/23	ST.MINN CODE- 2, 2.5/12% 0-3 . UNKNOWN (434)
B586	D218/24	LEAD PLUS- 2, 2.5/12% 1-7 . UNKNOWN (431)
B587	D218/25	RHYTHM CODE-RESTING CODE 0-8 . UNKNOWN (430)
B588	D218/26	SYSTOLIC - 3, 3.4/14% 96-252 . UNKNOWN (866)
B589	D218/29	DIASTOLIC - 3, 3.4/14% 0-132 . UNKNOWN (868)
B590	D218/32	HEART RATE - 3, 3.4/14% 52-181 . UNKNOWN (858)
B591	D218/35	N=1,P=2 - 3, 3.4/14% 1-2 . UNKNOWN (868)

VARIABLE NUMBER	SOURCE	INFORMATION
B592	D218/36	ST. INTEGRAL - 3, 3.4/14% 0-198 . UNKNOWN (868)
B593	D218/39	N=1,P=2 - 3, 3.4/14% 1-2 . UNKNOWN (866)
B594	D218/40	ST MACH - 3, 3.4/14% 0-86 . UNKNOWN (866)
B595	D218/42	J MANUAL- 3, 3.4/14% 0-6 . UNKNOWN (858)
B596	D218/43	ST MAN.- 3, 3.4/14% 0-8 . UNKNOWN (860)
B597	D218/44	ST.MINN CODE - 3, 3.4/14% 0-3 . UNKNOWN (860)
B598	D218/45	LEAD PLUS - 3, 3.4/14% 1-6 . UNKNOWN (858)
B599	D218/46	RHYTHM CODE - 3, 3.4/14% 0-8 . UNKNOWN (856)
B600	D218/47	SYSTOLIC - 4, 42/16% 90-268 . UNKNOWN (2090)
B601	D218/50	DIASTOLIC - 4, 42/16% 16-138 . UNKNOWN (2094)
B602	D218/53	HEART RATE - 4, 42/16% 60-200 . UNKNOWN (2081)
B603	D218/56	N=1,P=2-0 - 4, 42/16% 1-2 . UNKNOWN (2092)

VARIABLE NUMBER	SOURCE	INFORMATION
B604	D218/57	ST. INTEGRAL - 4, 42/16% 0-202 . UNKNOWN (2093)
B605	D218/60	N=1,P=2-0, - 4, 42/16% 1-2 . UNKNOWN (2091)
B606	D218/61	ST MACH-0, - 4, 42/16% 0-90 . UNKNOWN (2091)
B607	D218/63	J MANUAL - 4, 42/16% 0-7 . UNKNOWN (2089)
B608	D218/64	ST MAN.- 4, 42/16% 0-6 . UNKNOWN (2088)
B609	D218/65	ST.MINN CODE - 4, 42/16% 0-3 . UNKNOWN (2088)
B610	D218/66	LEAD PLUS - 4, 42/16% 1-6 . UNKNOWN (2085)
B611	D218/67	RHYTHM CODE- 4, 42/16% 0-8 . UNKNOWN (2083)
B612	D218/68	SYSTOLIC- 5, 5.0/18% 124-260 . UNKNOWN (3499)
B613	D218/71	DIASTOLIC- 5, 5.0/18% 10-128 . UNKNOWN (3499)
B614	D218/74	HEART RATE- 5, 5.0/18% 130-194 . UNKNOWN (3498)
B615	D218/77	N=1,P=2- 5, 5.0/18% 1-2 . UNKNOWN (3502)

VARIABLE NUMBER	SOURCE	INFORMATION
B616	D218/78	ST. INTEGRAL- 5, 5.0/18% 0-197 . UNKNOWN (3502)
B617	D218/81	N=1,P=2- 5, 5.0/18% 1-2 . UNKNOWN (3502)
B618	D218/82	ST MACH- 5, 5.0/18% 0-32 . UNKNOWN (3502)
B619	D218/84	J MANUAL- 5, 5.0/18% 0-5 . UNKNOWN (3500)
B620	D218/85	ST MAN.- 5, 5.0/18% 0-4 . UNKNOWN (3500)
B621	D218/86	ST.MINN CODE- 5, 5.0/18% 0-3 . UNKNOWN (3500)
B622	D218/87	LEAD PLUS- 5, 5.0/18% 1-6 . UNKNOWN (3499)
B623	D218/88	RHYTHM CODE - 5, 5.0/18% 0-4 . UNKNOWN (3497)
B624	D218/89	DURATION OF EXERCISE 0-227 . UNKNOWN (353)
B625	D218/92	SYSTOLIC - IMMED 62-270 . UNKNOWN (357)
B626	D218/95	DIASTOLIC - IMMED. 0-134 . UNKNOWN (360)
B627	D218/98	HEART RATE - IMMED. 52-240 . UNKNOWN (358)

VARIABLE NUMBER	SOURCE	INFORMATION
B628	D218/101	N=1,P=2 - IMMED. 1-2 . UNKNOWN (377)
B629	D218/102	ST. INTEGRAL - IMMED. 0-199 . UNKNOWN (377)
B630	D218/105	N=1,P=2 - IMMED. 1-2 . UNKNOWN (373)
B631	D218/106	ST MACH - IMMED. 0-90 . UNKNOWN (373)
B632	D218/108	J MANUAL - IMMED. 0-8 . UNKNOWN (372)
B633	D218/109	ST MAN. - IMMED. 0-8 . UNKNOWN (371)
B634	D218/110	ST.MINN CODE - IMMED. 0-3 . UNKNOWN (371)
B635	D218/111	LEAD PLUS - IMMED. 1-7 . UNKNOWN (367)
B636	D218/112	RHYTHM CODE - IMMED. 0-8 . UNKNOWN (358)
B637	D219/05	SYSTOLIC - 1 MIN. 60-260 . UNKNOWN (355)
B638	D219/08	DIASTOLIC - 1 MIN. 0-130 . UNKNOWN (353)
B639	D219/11	HEART RATE - 1 MIN. 46-240 . UNKNOWN (349)

VARIABLE NUMBER	SOURCE	INFORMATION
B640	D219/14	N=1,P=2 - 1 MIN. 1-2 . UNKNOWN (355)
B641	D219/15	ST. INTEGRAL - 1 MIN. 0-199 . UNKNOWN (355)
B642	D219/18	N=1,P=2 - 1 MIN. 1-2 . UNKNOWN (352)
B643	D219/19	ST MACH - 1 MIN. 0-90 . UNKNOWN (352)
B644	D219/21	J MANUAL - 1 MIN. 0-7 . UNKNOWN (351)
B645	D219/22	ST MAN. - 1 MIN. 0-7 . UNKNOWN (351)
B646	D219/23	ST.MINN CODE - 1 MIN. 0-3 . UNKNOWN (351)
B647	D219/24	LEAD PLUS - 1 MIN. 1-7 . UNKNOWN (350)
B648	D219/25	RHYTHM CODE - 1 MIN. 0-8 . UNKNOWN (348)
B649	D219/26	SYSTOLIC - 2 MIN. 72-250 . UNKNOWN (348)
B650	D219/29	DIASTOLIC - 2 MIN. 0-124 . UNKNOWN (348)
B651	D219/32	HEART RATE - 2 MIN. 51-240 . UNKNOWN (345)

VARIABLE NUMBER	SOURCE	INFORMATION
B652	D219/35	N=1,P=2 - 2 MIN. 1-2 . UNKNOWN (349)
B653	D219/36	ST. INTEGRAL - 2 MIN. 0-198 . UNKNOWN (349)
B654	D219/39	N=1,P=2 - 2 MIN. 1-2 . UNKNOWN (346)
B655	D219/40	ST MACH - 2 MIN. 0-90 . UNKNOWN (346)
B656	D219/42	J MANUAL - 2 MIN. 0-5 . UNKNOWN (347)
B657	D219/43	ST MAN. - 2 MIN. 0-5 . UNKNOWN (347)
B658	D219/44	ST.MINN CODE - 2 MIN. 0-3 . UNKNOWN (346)
B659	D219/45	LEAD PLUS - 2 MIN. 1-7 . UNKNOWN (346)
B660	D219/46	RHYTHM CODE - 2 MIN. 0-7 . UNKNOWN (346)
B661	D219/47	SYSTOLIC - 3 MIN. 72-232 . UNKNOWN (350)
B662	D219/50	DIASTOLIC - 3 MIN. 0-120 . UNKNOWN (351)
B663	D219/53	HEART RATE - 3 MIN. 43-240 . UNKNOWN (346)

VARIABLE NUMBER	SOURCE	INFORMATION
B664	D219/56	N=1,P=2 - 3 MIN. 1-2 . UNKNOWN (350)
B665	D219/57	ST. INTEGRAL - 3 MIN. 0-250 . UNKNOWN (350)
B666	D219/60	N=1,P=2 - 3 MIN. 1-2 . UNKNOWN (347)
B667	D219/61	ST MACH - 3 MIN. 0-40 . UNKNOWN (347)
B668	D219/63	J MANUAL - 3 MIN. 0-4 . UNKNOWN (346)
B669	D219/64	ST MAN. - 3 MIN. 0-5 . UNKNOWN (346)
B670	D219/65	ST.MINN CODE - 3 MIN. 0-3 . UNKNOWN (345)
B671	D219/66	LEAD PLUS - 3 MIN. 1-7 . UNKNOWN (345)
B672	D219/67	RHYTHM CODE - 3 MIN. 0-6 . UNKNOWN (345)
B673	D219/68	SYSTOLIC - 4 MIN. 70-230 . UNKNOWN (352)
B674	D219/71	DIASTOLIC - 4 MIN. 0-126 . UNKNOWN (353)
B675	D219/74	HEART RATE - 4 MIN. 44-240 . UNKNOWN (350)

VARIABLE NUMBER	SOURCE	INFORMATION
B676	D219/77	N=1,P=2 - 4 MIN. 1-2 . UNKNOWN (358)
B677	D219/78	ST. INTEGRAL - 4 MIN. 0-183 . UNKNOWN (358)
B678	D219/81	N=1,P=2 - 4 MIN. 1-2 . UNKNOWN (355)
B679	D219/82	ST MACH - 4 MIN. 0-40 . UNKNOWN (355)
B680	D219/84	J MANUAL - 4 MIN. 0-4 . UNKNOWN (349)
B681	D219/85	ST MAN. - 4 MIN. 0-5 . UNKNOWN (349)
B682	D219/86	ST.MINN CODE - 4 MIN. 0-3 . UNKNOWN (348)
B683	D219/87	LEAD PLUS - 4 MIN. 1-7 . UNKNOWN (348)
B684	D219/88	RHYTHM CODE - 4 MIN. 0-4 . UNKNOWN (347)
B685	D219/89	SYSTOLIC - ADDITION. 112-220 . UNKNOWN (3848)
B686	D219/92	DIASTOLIC - ADDITION. 48-98 . UNKNOWN (3848)
B687	D219/95	HEART RATE - ADDITION. 86-179 . UNKNOWN (3848)

VARIABLE NUMBER	SOURCE	INFORMATION
B688	D219/98	N=1,P=2 - ADDITION. 1-2 . UNKNOWN (3848)
B689	D219/99	ST. INTEGRAL - ADDITION 20-195 . UNKNOWN (3848)
B690	D219/102	N=1,P=2 - ADDITION. 1-2 . UNKNOWN (3848)
B691	D219/103	ST MACH - ADDITION. 0-25 . UNKNOWN (3848)
B692	D219/105	J MANUAL - ADDITION. 0-1 . UNKNOWN (3847)
B693	D219/106	ST MAN. - ADDITION. 0-1 . UNKNOWN (3847)
B694	D219/107	ST.MINN CODE - ADDITION. 0 . UNKNOWN (3847)
B695	D219/108	LEAD PLUS - ADDITION. 1-3 . UNKNOWN (3847)
B696	D219/109	RHYTHM CODE - ADDITION. 0 . UNKNOWN (3847)
B697	D220/05	REASON FOR TERMINATION: TARGET HEART RATE REACHED 1 NO 2 YES . UNKNOWN (341)

*** Version 1: 02-08-2007
changed D697 to B697

B698	D220/06	TARGET HEART RATE REACH = NO: CHEST DISCOMFORT 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)

VARIABLE NUMBER	SOURCE	INFORMATION
B699	D220/07	TARGET HEART RATE REACH = NO: PARTICIPANT TERMINATS STUDY 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B700	D220/08	TARGET HEART RATE REACH=NO: DYSPNEA 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B701	D220/09	TARGET HEART RATE REACH = NO: FATIGUE/WEAKNESS 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B702	D220/10	TARGET HEART RATE REACH = NO: LEG DISCOMFORT 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B703	D220/R11	TARGET HEART RATE REACH = NO: GAIT OR SPEECH DISTURBANCE 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B704	D220/12	TARGET HEART RATE REACH = NO: SYSTOLIC BP > 250 MM HG 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B705	D220/13	TARGET HEART RATE REACH = NO: BP FALL WITH INCREASING OF EXERCISE 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)

VARIABLE NUMBER	SOURCE	INFORMATION
B706	D220/14	TARGET HEART RATE REACH = NO: STRIP CHART ST FINDINGS 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B707	D220/15	TARGET HEART RATE REACH = NO: PVC'S FREQUENT (>=25% OF BEATS) 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B708	D220/16	TARGET HEART RATE REACH = NO: PVC'S PAIRS OR RUNS 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B709	D220/17	TARGET HEART RATE REACH = NO: ANY R ON T PVC 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B710	D220/18	TARGET HEART RATE REACH = NO: ECTOPIC TACHYCARDIA 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B711	D220/19	TARGET HEART RATE REACH = NO: OTHER ARRHYTHMIA 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B712	D220/20	TARGET HEART RATE REACH = NO: CONDUCTION DEFECT 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)

VARIABLE NUMBER	SOURCE	INFORMATION
B713	D220/21	TARGET HEART RATE REACH = NO: TECHNICAL PROBLEMS 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B714	D220/22	TARGET HEART RATE REACH = NO: OTHER - MUST BE SPECIFIED 0 TARGET HEART RATE=YES 1 NO 2 YES . UNKNOWN (341)
B715	D220/23	CHEST PAIN 0 NO 1 YES 2 MAYBE . UNKNOWN (341)
B716	D220/24	CHEST PAIN: HOW LONG IT LAST 0 SECOND 1 ONE MIN. 2 TWO MIN. 3 THREE MIN. 4 FOUR MIN. 5 FIVE MIN. 6 SIX MIN. 7 7 OR MORE MIN. 8 NO PAIN . UNKNOWN (342)
B717	D220/25	CHEST PAIN: DID PAIN INCLUDE STERUM? 0 NO 1 YES 2 MAYBE 8 NO PAIN . UNKNOWN (341)
B718	D220/26	CHEST PAIN: PAIN SHARP OR DULL? 0 NO 1 SHARP 2 DULL 8 NO PAIN . UNKNOWN (341)
B719	D220/27	CHEST PAIN: PAIN RADIATE 0 NO 1 YES 2 MAYBE 8 NO PAIN . UNKNOWN (341)

VARIABLE NUMBER	SOURCE	INFORMATION
B720	D220/28	POST-EXERCISE ECG: Q WAVES 0 NO 112-126 . UNKNOWN (341)
B721	D220/31	POST-EXERCISE ECG: ST SEGMENT DEPRESSION 0 NO 42-412 . UNKNOWN (342)
B722	D220/34	POST-EXERCISE ECG: VENTRICULAR CONDUCTION DEFECT 0 NO 64-72 . UNKNOWN (342)
B723	D220/36	POST-EXERCISE ECG: LEFT VENTRICULAR HYPERTROPHY 0 NO 31-33 . UNKNOWN (341)
B724	D220/38	POST-EXERCISE ECG: VENTRICULAR ARRHGTHMIAS 0 NO 1-7 . UNKNOWN (341)
B725	D220/41	POST-EXERCISE ECG: ATRIAL ARRHGTHMIAS 0 NO 1-800 . UNKNOWN (341)
B726	D220/44	POST-EXERCISE ECG: A-V CONDUCTION DEFECTS 0 NO 611-640 . UNKNOWN (341)
B727	D220/47	CLINICAL IMPRESSION OF GRADED EXERCISE TEST 0 NORMAL 1 ABNORMAL 2 BORDERLINE . UNKNOWN (417)
B728	D220/48	EXAMINER'S NUMBER 9-79 . UNKNOWN (318) deleted - used for administrative purposes only

VARIABLE NUMBER	SOURCE	INFORMATION
B729	D220/50	DIFF M LD EX 1-6 . UNKNOWN (3607)
B730	D220/51	START STAGE 0-6 . UNKNOWN (3608)
B731	D220/52	END STAGE 0-6 . UNKNOWN (3608)
B732	D220/53	DIFF M LD REST 0-5 . UNKNOWN (3696)
B733	D220/54	REST START 0-4 . UNKNOWN (3697)
B734	D220/55	REST END 0-4 . UNKNOWN (3697)
B735	DMET/05	CALCIUM **mg/dL (METPATH lab profile)** **6.1-11.4 (3673)** . UNKNOWN (194)
B736	DMET/08	PHOSPHORUS **mg/dL (METPATH lab profile)** **1.5-6.2 (3703)** . UNKNOWN (164)
B737	DMET/11	GLUCOSE **mg/dL (METPATH lab profile)** 50-339 (3712) . UNKNOWN (155)
B738	DMET/14	BUN **mg/dL (METPATH lab profile)** 4-62 (3713) . UNKNOWN (154)
B739	DMET/17	URIC ACID **mg/dL (METPATH lab profile)** **1.1-11.8 (3704)** . UNKNOWN (163)
B740	DMET/20	CHOLESTEROL **mg/dL (METPATH lab profile)** 74-593 (3713) . UNKNOWN (154)

VARIABLE NUMBER	SOURCE	INFORMATION
B741	DMET/23	TOTAL PROTEIN **g/dL (METPATH lab profile)** **5.4-9.2 (3706)** . UNKNOWN (161)
B742	DMET/26	ALBUMIN **g/dL (METPATH lab profile)** **2.9-5.6 (3708)** . UNKNOWN (159)
B743	DMET/29	BILIRUBIN **mg/dL (METPATH lab profile)** **.10-5.83 (3703)** . UNKNOWN (164)
B744	DMET/32	ALK. PHOS. **IU/L (METPATH lab profile)** 4-182 (3698) . UNKNOWN (169)
B745	DMET/35	LDH **IU/L (METPATH lab profile)** 50-682 **(3705)** . UNKNOWN (162)
B746	DMET/38	SGOT **IU/L (METPATH lab profile)** 1-194 **(3683)** . UNKNOWN (184)
B747	DMET/41	A/G RATIO **(METPATH lab profile)** **.78-3.5 (3703)** . UNKNOWN (164)
B748	DMET/44	CREATININE **mg/dL (METPATH lab profile)** **.3-9.8 (3713)** . UNKNOWN (154)
B749	DMET/47	B/C RATIO **(METPATH lab profile)** **3.3-46.7 (3704)** . UNKNOWN (163)
B750	DMET/50	DIRECT BILI **mg/dL (METPATH lab profile)** **0.0-2.2 (3694)** . UNKNOWN (173)
B751	DMET/53	SGPT **IU/L (METPATH lab profile)** 1-337 **(3682)** . UNKNOWN (185)
B752	DMET/56	MAGNESIUM **mEq/L (METPATH lab profile)** **1.15-2.91 (3691)** . UNKNOWN (176)

VARIABLE NUMBER	SOURCE	INFORMATION
B753	DMET/59	GLOBULIN **g/dL (METPATH lab profile)** **1.2-4.9 (3703)** . UNKNOWN (164)
B754	DMET/62	SODIUM **mmol/L (METPATH lab profile)** 130-173 **(3707)** . UNKNOWN (160)
B755	DMET/65	POTASSIUM **mmol/L (METPATH lab profile)** **2.9-8.0 (3708)** . UNKNOWN (159)
B756	DMET/68	CHLORIDE **mmol/L (METPATH lab profile)** 88-128 **(3652)** . UNKNOWN (215)
B757	DMET/71	GGTP **U/L (METPATH lab profile)** **1.0-99.0 (3632)** . UNKNOWN (235)
B758	DMET/74	TRIGLYCERIDES **mg/dL (METPATH lab profile)** 0-918 **(3709)** . UNKNOWN (158)**.**
B759	DMET/77	IRON **mcg/dL (METPATH lab profile)** 11-455 **(3677)** . UNKNOWN (190)
B760	DMET/80	T4 **Note: deleted due missing values**
B761	DMET/83	WBC **thousand (METPATH lab profile)** **2.9-24.3 (3697)** . UNKNOWN (170)
B762	DMET/86	RBC **(mil./cu.mm) (METPATH lab profile)** **3.14-8.36 (3697)** . UNKNOWN (170)
B763	DMET/89	HGB gm/dL **(METPATH lab profile)** **7.5-19.5 (3697)** . UNKNOWN (170)
B764	DMET/92	HCT **percentage (METPATH lab profile)** **26.7-65.6 (3697)** . UNKNOWN (170)

VARIABLE NUMBER	SOURCE	INFORMATION
B765	DMET/95	MCV fL **(METPATH lab profile)** 64-118 **(3697)** . UNKNOWN (170)
B766	DMET/98	MCH **pg (METPATH lab profile)** **19.9-39.0 (3697)** . UNKNOWN (170)
B767	DMET/101	MCHC **% (METPATH lab profile)** **27.4-36.9 (3697)** . UNKNOWN (170)
B768	DMET/104	STAB **% (METPATH lab profile)** 0-6 **(3725)** . UNKNOWN (142)
B769	DMET/105	POLY **% (METPATH lab profile)** **20**-88 **(93)** . UNKNOWN **(3774)**
B770	DMET/107	LYMPH **% (METPATH lab profile)** **9**-79 **(93)** . UNKNOWN **(3774)**
B771	DMET/109	MONO **% (METPATH lab profile)** 0-42 **(93)** . UNKNOWN **(3774)**
B772	DMET/111	EOS **% (METPATH lab profile)** 0-8 **(92)** . UNKNOWN **(3775)**
B773	DMET/112	BASO **% (METPATH lab profile)** 0-5 **(93)** . UNKNOWN **(3774)**

*** Version 1: 02-08-2007
changed D773 to B773

WB
8/25/06

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VARIABLE NUMBER SOURCE INFORMATION

Version 1: 02-08-2007

B293; B334 ==> B345; B401 ==> B407		ALL VALUES MISSING, DATA NOT MEASURED IN CORE EXAM

changed variable name D163 to B163
changed variable name D697 to B697
changed variable name D773 to B773
added note to B369

Version 2: 08-22-2007
added a new valid code(s) for the following variables:
B103 B351

Version 3: 12-02-2008
deleted variables B452 B380
changed variable name of B1 to ID