(LCA1MGH.CODING.MANUAL.HONOLULU.LIPO1.MAR00)

HONOLULU HEART PROGRAM

DSN=LIPO1

SAS NAME: LIPO1

SAS VARIABLE NAMES: IDPUBLIC LA2-LA83 LA95-LA125

NUMBER OF RECORDS 2780

PROGRAM:LCA1MGH.SAS.HONOLULU.LIPO01.PROGRAM.FEB00

IDPUBLIC	IDENTIFICATION NUMBER DATA MODIFIED TO PROTECT CONFIDENTIALITY 90004-99885
LA2	TAKE DRUG TO LOWER CHOLESTEROL? 1 NO 2 YES . UNKNOWN (10)
LA3	ATROMID-S(CLOFIBRATE) 1 NO 2 YES . UNKNOWN (4)
LA4	QUESTRAN(CHOLESTYRAMINE) 1 NO 2 YES . UNKNOWN (4)
LA5	NIACIN(NICOTINIC ACID) 1 NO 2 YES . UNKNOWN (4)
LA6	THYROID HORMONE,CYTOMEL 1 NO 2 YES . UNKNOWN (4)
LA7	CHOLOXIN(DEXTROTHYROXINE) 1 NO 2 YES . UNKNOWN (4)
LA8	CYTELLIN(B-SITOSTEROL) 1 NO 2 YES . UNKNOWN (4)
LA9	OTHER OR UNKNOWN 1 NO 2 YES . UNKNOWN (10)

LA10	TAKE DRUG FOR SUGAR DIABETES?
	1 NO
	2 YES
	. UNKNOWN (4)

- LA11 ORINASE, DIABINESE 1 NO 2 YES . UNKNOWN (1)
- LA12 INSULIN 1 NO 2 YES . UNKNOWN (1)
- LA13 OTHER OR UNKNOWN 1 NO 2 YES . UNKNOWN (3)
- LA14 REGULARLY TAKE HORMONES? 1 NO 2 YES . UNKNOWN (2)
- LA15 BIRTH CONTROL PILLS 1 NO 2 YES . UNKNOWN (1)
- LA16 PREMARIN, STILBESTEROL 1 NO 2 YES . UNKNOWN (2)
- LA17 CORTISONE, PREDNISONE 1 NO 2 YES . UNKNOWN (1)

LA18	OTHER OR UNKNOWN 1 NO 2 YES . UNKNOWN (1)
LA19	PAST 2 WEEKS-DIET TO LOWER CHOLESTER OL? 1 NO 2 YES NO UNKNOWNS
LA20	PAST 2 WEEKS-ON A DIET TO LOSE WEIGHT? 1 NO 2 YES . UNKNOWN (4)
LA21	PAST 2 WEEKS-ON DIABETIC DIET? 1 NO 2 YES . UNKNOWN (4)
LA22	WEIGHT DECREASE BY >5 LBS LAST MONTH 1 NO 2 YES . UNKNOWN (23)
LA23	WEIGHT INCREASE BY >5 LBS LAST MONTH 1 NO 2 YES . UNKNOWN (29)
LA24	IS YOUR FATHER ALIVE? 1 NO 2 YES . UNKNOWN (2)
LA25	HAS HE SUFFERED HEART ATTACK 1 NO 2 YES . UNKNOWN (183)

LA26	PRESENT AGE OR AGE AT DEATH<55? 1 NO 2 YES . UNKNOWN (41)
LA27	IS YOUR MOTHER ALIVE? 1 NO 2 YES . UNKNOWN (4)
LA28	HAS SHE SUFFERED HEART ATTACK? 1 NO 2 YES . UNKNOWN (129)
LA29	PRESENT AGE OR AGE AT DEATH<55? 1 NO 2 YES . UNKNOWN (37)
LA30	NUMBER OF LIVING SIBLINGS DATA MODIFIED TO PROTECT CONFIDENTIALITY 0-10 NO UNKNOWNS * Values greater than or equal to 10 are assigned the value 10
LA31	NUMBER OF SIBLINGS SUFFERED HEART ATTACK 0-3 NO UNKNOWNS
LA32	NUMBER >10 BUT <55 YEARS OF AGE NOW DATA MODIFIED TO PROTECT CONFIDENTIALITY 0-8 . UNKNOWN (1) * Values greater than or equal to 8 are assigned the value 8
LA33	NUMBER OF DECEASED SIBLINGS DATA MODIFIED TO PROTECT CONFIDENTIALITY 0-5 . UNKNOWN (2) * Values greater than or equal to 5 are assigned the value 5

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- LA34 NUMBER SIBLINGS SUFFER HEART ATTACK 0-3 . UNKNOWN (9)
- LA35 NUMBER DIED AT >10 &<55 YEARS OLD DATA MODIFIED TO PROTECT CONFIDENTIALITY 0-3 . UNKNOWN (5)
 - * Values greater than or equal to 3 are assigned the value 3
- LA36 AVERAGE NUMBER OF BEER DRINK/WEEK? 0-94 NO UNKNOWNS
- LA37 AVERAGE NUMBER OF WINE DRINK/WEEK? 0-50 NO UNKNOWNS
- LA38 AVERAGE NUMBER OF LIQUOR DRINK/WEEK? 0-64 NO UNKNOWNS
- LA39 LAST 2 DAYS INTAKE COMPARE/AVERAGE 1 SIMILAR 2 MUCH MORE 3 MUCH LESS . UNKNOWN (2)
- LA40 LAST 2 DAY ALCOHOL COMPARE/AVERAGE 1 SIMILAR 2 MUCH MORE 3 MUCH LESS . UNKNOWN (2)
- LA41 TAKEN FOOD FOR PAST 12 HRS? 1 SIMILAR 2 MUCH MORE 3 MUCH LESS NO UNKNOWNS

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LA42	SAMPLING FRAME PROBABILITY 1 NO 2 YES NO UNKNOWNS
LA43	SAMPLING FRAME CHD 1 NO 2 YES NO UNKNOWNS
LA44	SAMPLING FRAME:HIGH CHOLESTEROL 1 NO 2 YES NO UNKNOWNS
LA45	SAMPLING FRAME:HIGH TRIGLYCERIDE 1 NO 2 YES NO UNKNOWNS
LA46	NEW ALPHA HDL CHOLESTEROL(MG/DL) 13-107 NO UNKNOWNS
LA47	NEW BETA LDL CHOLESTEROL(MG/DL) 26-412 NO UNKNOWNS
LA48	NEW PHENOTYPE 0 NORMAL (HYPERLIPOPROTEINEMIA) 1 TYPE I (HYPERLIPOPROTEINEMIA) 2 TYPE II (HYPERLIPOPROTEINEMIA) 3 TYPE III(HYPERLIPOPROTEINEMIA) 4 TYPE IV (HYPERLIPOPROTEINEMIA) 5 TYPE V (HYPERLIPOPROTEINEMIA) NO UNKNOWNS
LA49	2ND EXAM CIG/DAY 0-80

. UNKNOWN (1)

LA50	EXAM2 ARM SKINFOLD * DATA MODIFIED TO PROTECT CONFIDENTIALITY 2-16 NO UNKNOWNS * Values greater than or equal to 15 are assigned the value 16
LA51	 EXAM2 BACK SKINFOLD * DATA MODIFIED TO PROTECT CONFIDENTIALITY 3-28 . UNKNOWN (1) * Values greater than or equal to 26 are assigned the value 28
LA52	 EXAM2 SUM OF SKINFOLD * DATA MODIFIED TO PROTECT CONFIDENTIALITY 6-43 UNKNOWN (1) * Values greater than or equal to 40 are assigned the value 43
LA53	EXAM2 RELATIVE WEIGHT(BODY WEIGHT/IDEAL WEIGHT)*100 * DATA MODIFIED TO PROTECT CONFIDENTIALITY 80.4-141.5 . UNKNOWN (10) * Values greater than or equal to 136.5 are assigned the value 141.5 * Values less than or equal 82.8 and greater or equal 0 are assigned the value 80.4
LA54	FORM NUMBER -71(FORM NUMBER FOR VARIABLES LISTED ABOVE) 71 NO UNKNOWNS
LA55	DATE BLOOD DRAW DMY (USE L56ABC) SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA56	CHOLESTEROL-MG/100ML TOTAL CHOLESTEROL = HDL(L46)(LA46) + LDL(L47)(LA47) + VLDL(L59A)(LA118) 103-458 NO UNKNOWNS
LA57	S.F. TRYGLYCERIDE 4.0-896.0 (DIVIDE BY 10 FOR CORRECT RANGE OF 0.4-89.6) NO UNKNOWNS

- LA58 BOTTOM FRACTION-PREBETA 0 NO 1 YES 2 TRACE . UNKNOWN (9)
- LA59 WHOLE PLASMA APPEARANCE 0 CLEAR 1 CLOUDY 2 MILKY NO UNKNOWNS
- LA60 INFRANATE AFTER 12 HRS.AT 4 DEG 0 CLEAR 1 CLOUDY 2 MILKY NO UNKNOWNS
- LA61 CREAM AFTER 12 HRS 0 NO 1 YES NO UNKNOWNS
- LA62 POLYACRYLAMIDE GEL 0 NO 1 YES 2 NOT DONE NO UNKNOWNS
- LA63 PRE-BETA BAND 0 NO 1 YES 2 TRACE NO UNKNOWNS
- LA64 SINKING PRE-BETA BAND 0 NO 1 YES 2 TRACE . UNKNOWN (5)

LA65	FREDRICKSON CLASSIFICATION 0 NORMAL (HYPERLIPOPROTEINEMIA) 1 TYPE I (HYPERLIPOPROTEINEMIA) 2 TYPE II (HYPERLIPOPROTEINEMIA) 3 TYPE III(HYPERLIPOPROTEINEMIA) 4 TYPE IV (HYPERLIPOPROTEINEMIA) 5 TYPE V (HYPERLIPOPROTEINEMIA) NO UNKNOWNS
LA66	CHOLESTEROL-MG/100ML. 0 119-519 . UNKNOWN (1)
LA67	TRIGLYCERIDE-MEQ/LITER 0 11-2939 (DIVIDE BY 100 FOR CORRECT RANGE OF 0-29.39) . UNKNOWN (2)
LA68	TRIGLYCERIDE(MG/DL) 12-2598 NO UNKNOWNS
LA69	TG/VLDL CHOLESTEROL 4-812 (DIVIDE BY 10 FOR CORRECT RANGE OF 0.4-81.2) . UNKNOWN (20)
LA70	LN(TG./VLDL CHOLESTEROL) -91 - 439 (DIVIDE BY 100 FOR CORRECT RANGE OF -0.91 - 4.39) . UNKNOWN (20)
LA71	AGE AT LIPOPROTEIN STUDY DATA GROUPED TO PROTECT CONFIDENTIALITY 1 AGE 51-54 2 AGE 55-59 3 AGE 60-64 4 AGE 65-72 NO UNKNOWNS
LA72	EXAM1 GLUCOSE (MG/DL) 55-605 . UNKNOWN (6)

LA73	EXAM1 URIC ACID(MG/DL) 7-148 (DIVIDE BY 10 FOR CORRECT RANGE OF 0.7-14.8) . UNKNOWN (10)
LA74	YEAR OF 2ND EXAM SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA75	MONTH OF 2ND EXAM SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA76	YEAR OF BIRTH SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA77	1ST EXAM CHOLESTEROL 97-537 . UNKNOWN (11)
LA78	1ST EX AM TRIGLYCERIDE(MG/DL) 0 24-998 . UNKNOWN (59)
LA79	EXAM2 HEIGHT(INCH) * DATA MODIFIED TO PROTECT CONFIDENTIALITY 58-70 NO UNKNOWNS *Values less than or equal to 58 and greater than or equal to 0 are assigned the value 58 *Values greater or equal to 70 are assigned the value 70
LA80	EXAM2 WEIGHT(LBS) * DATA MODIFIED TO PROTECT CONFIDENTIALITY 84-184 . UNKNOWN (10) * Values greater than or equal to 176 are assigned the value 184
LA81	EXAM2 MD SYSTOLIC BLOOD PRES-L 58-220 . UNKNOWN (1)
LA82	EXAM2 MD DIASTOLIC BLOOD PRES-L 46-140 . UNKNOWN (1)

LA83	SMOKING-PAST OR PRESENT 0 NO 1 YES NO UNKNOWNS
LA95	PROBABILITY OR RANDOM SAMPLE 0 NO 1 YES NO UNKNOWNS
LA96	HIGH CHOLESTEROL 0 NO 1 YES NO UNKNOWNS
LA97	HIGH TRIGLYCERIDE 0 NO 1 YES NO UNKNOWNS
LA98	DEFINITE CHD 0 NO 1 YES NO UNKNOWNS
LA99	DEFINITE CVA 0 NO 1 YES NO UNKNOWNS
LA100	DATE OF EXAM1 MDY (USE L112ABC) SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA101	S.G.O.T SERUM GLUTAMIC OXALOACETIC TRANSAMINASE (LIVER FUNCTION) 7-171 . UNKNOWN (1581)
LA102	P.B.I.(PROTEIN-BOUND IODINE (THYROID FUNCTION)) MICROGRAMS/DL 260-2940 (DIVIDE BY 100 FOR CORRECT RANGE OF 2.60-29.40) . UNKNOWN (1574)

LA103	B.U.N.(BLOOD UREA NITROGEN(RENAL FUNCTION) MG/DL 3-43 . UNKNOWN (1507)
LA104	F.B.S.(FASTING BLOOD GLUCOSE)(ASSUMED) MG/DL 55-378 . UNKNOWN (1507)
LA105	ALCOHOL(OZ/WEEKS) 0-47 NO UNKNOWNS
LA106	BEER(OZ/WEEKS) * 0-42 NO UNKNOWNS
LA107	WINE(OZ/WEEKS) * 0-20 NO UNKNOWNS
LA108	LIQUOR(OZ/WEEKS) * 0-36 NO UNKNOWNS
*	CALCULATED FROM LA36-LA38
LA109	SAMPLING 0 RANDOM, WITHOUT CHD 1 DEFINITE MI 2 DEFINITE OTHER CHD 3 HIGH LIPIDS 4 DEFINITE CVA NO UNKNOWNS
LA110	MONTH OF 1ST EXAM SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA111	DAY OF 1ST EXAM SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA112	YEAR OF 1ST EXAM SET TO DOT (.) TO PROTECT CONFIDENTIALITY

LA113	DAY OF BLOOD DRAWING SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA114	MONTH OF BLOOD DRAWING SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA115	YEAR OF BLOOD DRAWING SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA116	CHOLES TEROL-BOTTOM FRAC TION(MG/DL) 45-454 NO UNKNOWNS
LA117	CHOLESTEROL-ALPHA(MG/DL) DO NOT USE: SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA118	CHOLES TEROL-VLDL(TOP FRACTION)(MG/DL) 0-338 NO UNKNOWNS
LA119	CHOLESTEROL-BETA(MG/DL) SET TO DOT (.) TO PROTECT CONFIDENTIALITY
LA120	ELECTROPHORESIS-PLASMA-ORIGIN 0 NO 1 YES 2 TRACE . UNKNOWN (9)
LA121	PLASMA-PRE-BETA 0 NO 1 YES 2 TRACE . UNKNOWN (11)
LA122	TOP FRACTION-ORIGIN 0 NO 1 YES 2 TRACE . UNKNOWN (4)

- LA123 TOP-BETA 0 NO 1 YES 2 TRACE . UNKNOWN (9)
- LA124 TOP-PREBETA 0 NO 1 YES 2 TRACE . UNKNOWN (4)
- LA125 INTERVAL BETWEEN EXAM1 DATE AND BLOOD DRAWING DATE 865-2348 NUMBER OF DAYS NO UNKNOWNS