

**Data Set Name:** *abpa\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	ABPA1A	Num	8			Right brachial Systolic (mm HG) (ABPA1A)
8	ABPA1B	Num	8			Right dorsalis pedis systolic (mm HG) (ABPA1B)
9	ABPA1C	Num	8			Right posterior tibial systolic (mm HG) (ABPA1C)
10	ABPA1D	Num	8			Left posterior tibial systolic (mm HG) (ABPA1D)
11	ABPA1E	Num	8			Left dorsalis pedis systolic (mm HG) (ABPA1E)
12	ABPA1F	Num	8			Left brachial systolic (mm HG) (ABPA1F)
13	ABPA2	Num	8			Procedure Successfully Completed (ABPA2)
14	ABPA3A1	Num	8			Occlusion Failure (ABPA3A1)

**Data Set Name: *alea\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	ALEA1	Num	8			Drink Alcohol - Presently (ALEA1)
8	ALEA2	Num	8			Drinks per week - red wine (ALEA2)
9	ALEA3	Num	8			Drinks per week - white wine (ALEA3)
10	ALEA4	Num	8			Drinks per week - beer (ALEA4)
11	ALEA5	Num	8			Drinks per week - liquor (ALEA5)
12	ALEA6	Num	8			5 or more (4 females) per two hour period - weekly (ALEA6)
13	ALEA7	Num	8			Drink alcohol - ever (ALEA7)
14	ALEA8	Num	8			Stopped Drinking - when (ALEA8)
15	ALEA9	Num	8			Stop drinking - health reasons (ALEA9)
16	ALEA10	Num	8			Stop drinking - doctor advice (ALEA10)

**Data Set Name:** *anta\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	ANTA1	Num	8			Able to stand (ANTA1)
8	ANTA4	Num	8			Weight (kg) (ANTA4)
9	ANTA5	Num	8			Fat (%) (ANTA5)
10	ANTA6	Num	8			Impedance (ohms) (ANTA6)
11	ANTA7	Num	8			Fat mass (kg) (ANTA7)
12	ANTA8	Num	8			Lean body mass (kg) (ANTA8)
13	ANTA9	Num	8			Total body water (kg) (ANTA9)
14	ANTA10A	Num	8			Waist Girth (cm) (ANTA10A)
15	ANTA10B	Num	8			Hip Girth (cm) (ANTA10B)

*Data Set Name: audio\_derv\_lad1.sas7bdat*

Num	Variable	Type	Len	Label
1	PID	Char	8	Random BioLINCC ID for LAD
2	PEAKR	Num	8	TYMPANOGRAM PEAK Y, R EAR (ml)
3	VEAR	Num	8	TYMPANOGRAM EQUIVALENT EAR CANAL VOLUME, R EAR (ml)
4	TWR	Num	8	TYMPANOGRAM WIDTH, R EAR (daPa)
5	TPPR	Num	8	TYMPANOGRAM PEAK PRESSURE, R EAR (daPa)
6	PEAKL	Num	8	TYMPANOGRAM PEAK Y, L EAR (ml)
7	VEAL	Num	8	TYMPANOGRAM EQUIVALENT EAR CANAL VOLUME, L EAR (ml)
8	TWL	Num	8	TYMPANOGRAM WIDTH, L EAR (daPa)
9	TPPL	Num	8	TYMPANOGRAM PEAK PRESSURE, L EAR (daPa)
10	AIR500R	Num	8	AIR-CONDUCTION THRESHOLD AT 500 HZ, R EAR
11	AIR1000R	Num	8	AIR-CONDUCTION THRESHOLD AT 1000 HZ, R EAR
12	AIR2000R	Num	8	AIR-CONDUCTION THRESHOLD AT 2000 HZ, R EAR
13	AIR3000R	Num	8	AIR-CONDUCTION THRESHOLD AT 3000 HZ, R EAR
14	AIR4000R	Num	8	AIR-CONDUCTION THRESHOLD AT 4000 HZ, R EAR
15	AIR6000R	Num	8	AIR-CONDUCTION THRESHOLD AT 6000 HZ, R EAR
16	AIR8000R	Num	8	AIR-CONDUCTION THRESHOLD AT 8000 HZ, R EAR
17	AIR500L	Num	8	AIR-CONDUCTION THRESHOLD AT 500 HZ, L EAR
18	AIR1000L	Num	8	AIR-CONDUCTION THRESHOLD AT 1000 HZ, L EAR
19	AIR2000L	Num	8	AIR-CONDUCTION THRESHOLD AT 2000 HZ, L EAR
20	AIR3000L	Num	8	AIR-CONDUCTION THRESHOLD AT 3000 HZ, L EAR
21	AIR4000L	Num	8	AIR-CONDUCTION THRESHOLD AT 4000 HZ, L EAR
22	AIR6000L	Num	8	AIR-CONDUCTION THRESHOLD AT 6000 HZ, L EAR
23	AIR8000L	Num	8	AIR-CONDUCTION THRESHOLD AT 8000 HZ, L EAR
24	BONE500R	Num	8	BONE-CONDUCTION THRESHOLD AT 500 HZ, R EAR
25	BONE2000R	Num	8	BONE-CONDUCTION THRESHOLD AT 2000 HZ, R EAR
26	BONE4000R	Num	8	BONE-CONDUCTION THRESHOLD AT 4000 HZ, R EAR
27	BONE500L	Num	8	BONE-CONDUCTION THRESHOLD AT 500 HZ, L EAR
28	BONE2000L	Num	8	BONE-CONDUCTION THRESHOLD AT 2000 HZ, L EAR
29	BONE4000L	Num	8	BONE-CONDUCTION THRESHOLD AT 4000 HZ, L EAR
30	GAPR	Num	8	AIR-BONE GAP, R EAR
31	GAPL	Num	8	AIR-BONE GAP, L EAR
32	GAP	Num	8	AIR-BONE GAP, EITHER EAR
33	PTAR	Num	8	PURE-TONE AVERAGE AT .5, 1, 2 AND 4 KHZ, R EAR
34	PTAL	Num	8	PURE-TONE AVERAGE AT .5, 1, 2 AND 4 KHZ, L EAR
35	PTAW	Num	8	PURE-TONE AVERAGE AT .5, 1, 2 AND 4 KHZ, WORSE EAR
36	PTAB	Num	8	PURE-TONE AVERAGE AT .5, 1, 2 AND 4 KHZ, BETTER EAR

Num	Variable	Type	Len	Label
37	HEARINGLOSSR	Num	8	HEARING LOSS: PTA AT .5, 1, 2 AND 4 KHZ > 25 DB, R EAR
38	HEARINGLOSSL	Num	8	HEARING LOSS: PTA AT .5, 1, 2 AND 4 KHZ > 25 DB, L EAR
39	HEARINGLOSSW	Num	8	HEARING LOSS: PTA AT .5, 1, 2 AND 4 KHZ > 25 DB, EITHER EAR
40	HEARINGLOSSB	Num	8	HEARING LOSS: PTA AT .5, 1, 2 AND 4 KHZ > 25 DB, BETTER EAR
41	POSSIBLE_PERFR	Num	8	POSSIBLE EAR DRUM PERFORATION, R EAR
42	POSSIBLE_PERFL	Num	8	POSSIBLE EAR DRUM PERFORATION, L EAR
43	POSSIBLE_PERF	Num	8	POSSIBLE EAR DRUM PERFORATION, EITHER EAR
44	POSSIBLE_IMPACTIONR	Num	8	POSSIBLE EAR CANAL IMPACTION, R EAR
45	POSSIBLE_IMPACTIONL	Num	8	POSSIBLE EAR CANAL IMPACTION, L EAR
46	POSSIBLE_IMPACTION	Num	8	POSSIBLE EAR CANAL IMPACTION, EITHER EAR
47	HHIASCORE	Num	8	TOTAL SCORE FOR HEARING HANDICAP INVENTORY FOR ADULTS (HHIA-S)
48	HHIESCORE	Num	8	TOTAL SCORE FOR HEARING HANDICAP INVENTORY FOR THE ELDERLY (HHIE-S)

**Data Set Name: *b24a\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	RECALLNUM	Num	8			First or second dietary recall
3	BLDID	Char	9			Blend ingredient file ID
4	B24A5	Char	8	\$8.	\$8.	DSAM Ingredient ID
5	B24A6	Char	200	\$200.	\$200.	Ingredient Name
6	B24A7	Num	8			NHANES Ingredient Category
7	B24A8	Char	1	\$1.	\$1.	Black Cohosh
8	B24A9	Char	1	\$1.	\$1.	Echinacea
9	B24A10	Char	1	\$1.	\$1.	Garlic
10	B24A11	Char	1	\$1.	\$1.	Ginger
11	B24A12	Char	1	\$1.	\$1.	Ginkgo
12	B24A13	Char	1	\$1.	\$1.	Ginseng
13	B24A14	Char	1	\$1.	\$1.	Hawthorn
14	B24A15	Char	1	\$1.	\$1.	Kava Kava
15	B24A16	Char	1	\$1.	\$1.	Ma Huang/Ephedra
16	B24A17	Char	1	\$1.	\$1.	Saw Palmetto
17	B24A18	Char	1	\$1.	\$1.	St. John's Wort
18	DTIA16	Num	8			Intake Reliability

**Data Set Name: *b30a\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	BLDID	Char	9			Blend ingredient file ID
3	B30A5	Char	8	\$8.	\$8.	DSAM Ingredient ID
4	B30A6	Char	200	\$200.	\$200.	Ingredient Name
5	B30A7	Num	8			NHANES Ingredient Category
6	B30A8	Char	1	\$1.	\$1.	Black Cohosh
7	B30A9	Char	1	\$1.	\$1.	Echinacea
8	B30A10	Char	1	\$1.	\$1.	Garlic
9	B30A11	Char	1	\$1.	\$1.	Ginger
10	B30A12	Char	1	\$1.	\$1.	Ginkgo
11	B30A13	Char	1	\$1.	\$1.	Ginseng
12	B30A14	Char	1	\$1.	\$1.	Hawthorn
13	B30A15	Char	1	\$1.	\$1.	Kava Kava
14	B30A16	Char	1	\$1.	\$1.	Ma Huang/Ephedra
15	B30A17	Char	1	\$1.	\$1.	Saw Palmetto
16	B30A18	Char	1	\$1.	\$1.	St. John's Wort
17	SMIA17	Num	8			Intake Reliability

**Data Set Name:** *clea\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	CLEA1	Num	8			Age 45 or older (CLEA1)
8	CLEA2	Num	8			Pain/discomfort in leg(s) while walking (CLEA2)
9	CLEA2A	Num	8			Which Legs (CLEA2A)
10	CLEA3	Num	8			Right: Pain standing still/sitting (CLEA3)
11	CLEA4	Num	8			Right: Pain in calf/calves (CLEA4)
12	CLEA5	Num	8			Right: Pain walking level (CLEA5)
13	CLEA6	Num	8			Right: Action if pain detected walking (CLEA6)
14	CLEA7	Num	8			Right: Action if pain detected standing (CLEA7)
15	CLEA8	Num	8			Left: Pain standing still/sitting (CLEA8)
16	CLEA9	Num	8			Left: Pain in calf/calves (CLEA9)
17	CLEA10	Num	8			Left: Pain walking level (CLEA10)
18	CLEA11	Num	8			Left: Action if pain detected walking (CLEA11)
19	CLEA12	Num	8			Left: Action if pain detected standing (CLEA12)



**Data Set Name: *dbea\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	DBEA1	Num	8			Type of Food Eaten (DBEA1)
8	DBEA2A	Num	8			How often food brought home from: Relative's or Firend's homes (DBEA2A)
9	DBEA2B	Num	8			How often food brought home from: Fast food restaurants (DBEA2B)
10	DBEA2C	Num	8			How often food brought home from: Sit down restaurants (DBEA2C)
11	DBEA2D	Num	8			How often food brought home from:. Buffet restaurants (DBEA2D)
12	DBEA2E	Num	8			How often food brought home from: Pick-up-and-take-home restaurants (DBEA2E)
13	DBEA2F	Num	8			How often food brought home from: Grocery stores (DBEA2F)
14	DBEA2G	Num	8			How often food brought home from: Cafeterias (DBEA2G)
15	DBEA2H	Num	8			How often food brought home from: Vending machines (DBEA2H)
16	DBEA2I	Num	8			How often food brought home from: On-street vendors (DBEA2I)
17	DBEA2J	Num	8			How often food brought home from: Other (DBEA2J)

**Data Set Name: dental\_derv\_lad1.sas7bdat**

Num	Variable	Type	Len	Label
1	PID	Char	8	Random BioLINCC ID for LAD
2	NTEETH	Num	8	No. teeth (primary, permanent, implant, root fragment)
3	NIMPLANT	Num	8	No. dental implants
4	NROOT	Num	8	No. root fragments
5	NCROWN	Num	8	No. crowns
6	NPDSITES	Num	8	No. sites evaluated for pocket depth (PD)
7	NPD_3	Num	8	Sites w/ PD >= 3mm
8	NPD_4	Num	8	Sites w/ PD >= 4mm
9	NPD_5	Num	8	Sites w/ PD >= 5mm
10	NPD_6	Num	8	Sites w/ PD >= 6mm
11	EPD_3	Num	8	% sites w/ PD >= 3mm
12	EPD_4	Num	8	% sites w/ PD >= 4mm
13	EPD_5	Num	8	% sites w/ PD >= 5mm
14	EPD_6	Num	8	% sites w/ PD >= 6mm
15	C2PD_4	Num	8	Case Def: 2+ sites w/ PD >= 4mm
16	C4PD_4	Num	8	Case Def: 4+ sites w/ PD >= 4mm
17	C2PD_5	Num	8	Case Def: 2+ sites w/ PD >= 5mm
18	C4PD_5	Num	8	Case Def: 4+ sites w/ PD >= 5mm
19	BGI	Num	8	Biofilm-gingival interface (BGI) case
20	MEANPD	Num	8	Average pocket depth
21	NBLSITES	Num	8	No. sites evaluated for bleeding on probing (BOP)
22	NBL	Num	8	No. sites w/ BOP
23	EBL	Num	8	% sites w/ BOP
24	NPDBL	Num	8	No. sites evaluated for PD & BOP
25	NPDBL_3	Num	8	No. sites w/ PD >= 3mm & BOP
26	NPDBL_4	Num	8	No. sites w/ PD >= 4mm & BOP
27	NPDBL_5	Num	8	No. sites w/ PD >= 5mm & BOP
28	NPDBL_6	Num	8	No. sites w/ PD >= 6mm & BOP
29	EPDBL_3	Num	8	% sites w/ PD >=3mm & BOP
30	EPDBL_4	Num	8	% sites w/ PD >=4mm & BOP
31	EPDBL_5	Num	8	% sites w/ PD >=5mm & BOP
32	EPDBL_6	Num	8	% sites w/ PD >=6mm & BOP
33	NALSITES	Num	8	No. sites evaluated for attachment loss (AL)
34	NAL_3	Num	8	No. sites w/ AL >= 3mm
35	NAL_4	Num	8	No. sites w/ AL >= 4mm
36	NAL_5	Num	8	No. sites w/ AL >= 5mm

Num	Variable	Type	Len	Label
37	NAL_6	Num	8	No. sites w/ AL >= 6mm
38	NAL_7	Num	8	No. sites w/ AL >= 7mm
39	NAL_8	Num	8	No. sites w/ AL >= 8mm
40	EAL_3	Num	8	% sites w/ AL >= 3mm
41	EAL_4	Num	8	% sites w/ AL >= 4mm
42	EAL_5	Num	8	% sites w/ AL >= 5mm
43	EAL_6	Num	8	% sites w/ AL >= 6mm
44	EAL_7	Num	8	% sites w/ AL >= 7mm
45	EAL_8	Num	8	% sites w/ AL >= 8mm
46	NALBL	Num	8	No. sites evaluated for AL & BOP
47	NALBL_3	Num	8	No. sites w/ AL >= 3mm & BOP
48	NALBL_4	Num	8	No. sites w/ AL >= 4mm & BOP
49	NALBL_5	Num	8	No. sites w/ AL >= 5mm & BOP
50	NALBL_6	Num	8	No. sites w/ AL >= 6mm & BOP
51	EALBL_3	Num	8	% sites w/ AL >= 3mm & BOP
52	EALBL_4	Num	8	% sites w/ AL >= 4mm & BOP
53	EALBL_5	Num	8	% sites w/ AL >= 5mm & BOP
54	EALBL_6	Num	8	% sites w/ AL >= 6mm & BOP
55	MEANAL	Num	8	Average attachment loss (mm)
56	NPDAL	Num	8	No. sites evaluated for PD & AL
57	NPD4AL2	Num	8	No. sites w/ PD >=4 & AL >=2
58	NPD5AL2	Num	8	No. sites w/ PD >=5 & AL >=2
59	EPD4AL2	Num	8	% sites w/ PD >=4 & AL >=2
60	EPD5AL2	Num	8	% sites w/ PD >=5 & AL >=2
61	NDMF_TT	Num	8	Count of DMF teeth
62	NDMF_DT	Num	8	Count of Decayed teeth
63	NDMF_MT	Num	8	Count of Missing teeth
64	NDMF_FT	Num	8	Count of Filled teeth
65	NDMF_TS	Num	8	Count of DMF surfaces
66	NDMF_DS	Num	8	Count of Decayed surfaces
67	NDMF_MS	Num	8	Count of Missing surfaces
68	NDMF_FS	Num	8	Count of Filled surfaces
69	PCTDMF_DT	Num	8	% Decayed teeth
70	PCTDMF_MT	Num	8	% Missing teeth
71	PCTDMF_FT	Num	8	% Filled teeth
72	PCTDMF_DS	Num	8	% Decayed surfaces
73	PCTDMF_MS	Num	8	% Missing surfaces
74	PCTDMF_FS	Num	8	% Filled surfaces
75	PPDMF_DT	Num	8	Proportion Decayed teeth

Num	Variable	Type	Len	Label
76	PPDMF_MT	Num	8	Proportion Missing teeth
77	PPDMF_FT	Num	8	Proportion Filled teeth
78	PPDMF_DS	Num	8	Proportion Decayed surfaces
79	PPDMF_MS	Num	8	Proportion Missing surfaces
80	PPDMF_FS	Num	8	Proportion Filled surfaces

**Data Set Name: *diea\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	RECALLNUM	Num	8			First or Second dietary recall
3	FOODID	Char	5			Food File ID
4	DIEA5	Char	12	\$12.	\$12.	Foods Report Item Number
5	DIEA6	Char	225	\$225.	\$225.	Food Name
6	DIEA8	Num	8			Gram Amount of Food
7	DIEA9	Num	8			FDA Serving Size (Grams)
8	DIEA10	Num	8			NCC Database Food Group ID
9	DIEA12	Num	8			Food ID Type
10	DIEA13	Num	8			Unknown (default) Food
11	DIEA14	Num	8			Addition and Assembled Food or Recipe/User Recipe Ingredients
12	DIEA15	Char	11	\$11.	\$11.	Parent Food File ID
13	DIEA16	Char	12	\$12.	\$12.	Preparation Food ID
14	DIEA18	Num	8			Energy (kcal)
15	DIEA19	Num	8			Total Fat (g)
16	DIEA20	Num	8			Total Carbohydrate (g)
17	DIEA21	Num	8			Total Protein (g)
18	DIEA22	Num	8			Animal Protein (g)
19	DIEA23	Num	8			Vegetable Protein (g)
20	DIEA24	Num	8			Alcohol (g)
21	DIEA25	Num	8			Cholesterol (mg)
22	DIEA26	Num	8			Total Saturated Fatty Acids (SFA) (g)
23	DIEA27	Num	8			Total Monounsaturated Fatty Acids (MUFA) (g)
24	DIEA28	Num	8			Total Polyunsaturated Fatty Acids (PUFA) (g)
25	DIEA29	Num	8			Fructose (g)
26	DIEA30	Num	8			Galactose (g)
27	DIEA31	Num	8			Glucose (g)
28	DIEA32	Num	8			Lactose (g)
29	DIEA33	Num	8			Maltose (g)
30	DIEA34	Num	8			Sucrose (g)
31	DIEA35	Num	8			Starch (g)
32	DIEA36	Num	8			Total Dietary Fiber (g)
33	DIEA37	Num	8			Soluble Dietary Fiber (g)
34	DIEA38	Num	8			Insoluble Dietary Fiber (g)
35	DIEA39	Num	8			Pectins (g)
36	DIEA40	Num	8			Total Vitamin A Activity (International Units) (IU)

Num	Variable	Type	Len	Format	Informat	Label
37	DIEA41	Num	8			Beta-Carotene Equivalents (derived from provitamin A carotenoids) (mcg)
38	DIEA42	Num	8			Retinol (mcg)
39	DIEA43	Num	8			Vitamin D (calciferol) (mcg)
40	DIEA44	Num	8			Total Alpha-Tocopherol Equivalents (mg)
41	DIEA45	Num	8			Vitamin E (Total Alpha-Tocopherol) (mg)
42	DIEA46	Num	8			Beta-Tocopherol (mg)
43	DIEA47	Num	8			Gamma-Tocopherol (mg)
44	DIEA48	Num	8			Delta-Tocopherol (mg)
45	DIEA49	Num	8			Vitamin K (phylloquinone) (mcg)
46	DIEA50	Num	8			Vitamin C (ascorbic acid) (mg)
47	DIEA51	Num	8			Thiamin (vitamin B1) (mg)
48	DIEA52	Num	8			Riboflavin (vitamin B2) (mg)
49	DIEA53	Num	8			Niacin (vitamin B3) (mg)
50	DIEA54	Num	8			Pantothenic Acid (mg)
51	DIEA55	Num	8			Vitamin B-6 (pyridoxine, pyridoxyl, & pyridoxamine) (mg)
52	DIEA56	Num	8			Total Folate (mcg)
53	DIEA57	Num	8			Vitamin B-12 (cobalamin) (mcg)
54	DIEA58	Num	8			Calcium (mg)
55	DIEA59	Num	8			Phosphorus (mg)
56	DIEA60	Num	8			Magnesium (mg)
57	DIEA61	Num	8			Iron (mg)
58	DIEA62	Num	8			Zinc (mg)
59	DIEA63	Num	8			Copper (mg)
60	DIEA64	Num	8			Selenium (mcg)
61	DIEA65	Num	8			Sodium (mg)
62	DIEA66	Num	8			Potassium (mg)
63	DIEA67	Num	8			SFA 4:0 (butyric acid) (g)
64	DIEA68	Num	8			SFA 6:0 (caproic acid) (g)
65	DIEA69	Num	8			SFA 8:0 (caprylic acid) (g)
66	DIEA70	Num	8			SFA 10:0 (capric acid) (g)
67	DIEA71	Num	8			SFA 12:0 (lauric acid) (g)
68	DIEA72	Num	8			SFA 14:0 (myristic acid) (g)
69	DIEA73	Num	8			SFA 16:0 (palmitic acid) (g)
70	DIEA74	Num	8			SFA 17:0 (margaric acid) (g)
71	DIEA75	Num	8			SFA 18:0 (stearic acid) (g)
72	DIEA76	Num	8			SFA 20:0 (arachidic acid) (g)
73	DIEA77	Num	8			SFA 22:0 (behenic acid) (g)
74	DIEA78	Num	8			MUFA 14:1 (myristoleic acid) (g)
75	DIEA79	Num	8			MUFA 16:1 (palmitoleic acid) (g)

Num	Variable	Type	Len	Format	Informat	Label
76	DIEA80	Num	8			MUFA 18:1 (oleic acid) (g)
77	DIEA81	Num	8			MUFA 20:1 (gadoleic acid) (g)
78	DIEA82	Num	8			MUFA 22:1 (erucic acid) (g)
79	DIEA83	Num	8			PUFA 18:2 (linoleic acid) (g)
80	DIEA84	Num	8			PUFA 18:3 (linolenic acid) (g)
81	DIEA85	Num	8			PUFA 18:4 (parinaric acid) (g)
82	DIEA86	Num	8			PUFA 20:4 (arachidonic acid) (g)
83	DIEA87	Num	8			PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
84	DIEA88	Num	8			PUFA 22:5 (docosapentaenoic acid [DPA]) (g)
85	DIEA89	Num	8			PUFA 22:6 (docosahexaenoic acid [DHA]) (g)
86	DIEA90	Num	8			Tryptophan (g)
87	DIEA91	Num	8			Threonine (g)
88	DIEA92	Num	8			Isoleucine (g)
89	DIEA93	Num	8			Leucine (g)
90	DIEA94	Num	8			Lysine (g)
91	DIEA95	Num	8			Methionine (g)
92	DIEA96	Num	8			Cystine (g)
93	DIEA97	Num	8			Phenylalanine (g)
94	DIEA98	Num	8			Tyrosine (g)
95	DIEA99	Num	8			Valine (g)
96	DIEA100	Num	8			Arginine (g)
97	DIEA101	Num	8			Histidine (g)
98	DIEA102	Num	8			Alanine (g)
99	DIEA103	Num	8			Aspartic Acid (g)
100	DIEA104	Num	8			Glutamic Acid (g)
101	DIEA105	Num	8			Glycine (g)
102	DIEA106	Num	8			Proline (g)
103	DIEA107	Num	8			Serine (g)
104	DIEA108	Num	8			Aspartame (mg)
105	DIEA109	Num	8			Saccharin (mg)
106	DIEA110	Num	8			Caffeine (mg)
107	DIEA111	Num	8			Phytic Acid (mg)
108	DIEA112	Num	8			Oxalic Acid (mg)
109	DIEA113	Num	8			3-Methylhistidine (mg)
110	DIEA114	Num	8			Sucrose Polyester (g)
111	DIEA115	Num	8			Ash (g)
112	DIEA116	Num	8			Water (g)
113	DIEA117	Num	8			% Calories from Fat
114	DIEA118	Num	8			% Calories from Carbohydrate

Num	Variable	Type	Len	Format	Informat	Label
115	DIEA119	Num	8			% Calories from Protein
116	DIEA120	Num	8			% Calories from Alcohol
117	DIEA121	Num	8			% Calories from SFA
118	DIEA122	Num	8			% Calories from MUFA
119	DIEA123	Num	8			% Calories from PUFA
120	DIEA124	Num	8			Polyunsaturated to Saturated Fat Ratio
121	DIEA125	Num	8			Cholesterol to Saturated Fatty Acid Index
122	DIEA126	Num	8			Total Vitamin A Activity (Retinol Equivalents) (mcg)
123	DIEA127	Num	8			TRANS 18:1 (trans-octadecenoic acid [elaidic acid]) (g)
124	DIEA128	Num	8			TRANS 18:2 (trans-octadecadienoic acid [linolelaidic acid]; incl. c-t, t-c, t-t) (g)
125	DIEA129	Num	8			TRANS 16:1 (trans-hexadecenoic acid) (g)
126	DIEA130	Num	8			Total Trans-Fatty Acids (TRANS) (g)
127	DIEA131	Num	8			User Nutrient 1 (mg)
128	DIEA132	Num	8			User Nutrient 2 (mg)
129	DIEA133	Num	8			User Nutrient 3 (mg)
130	DIEA134	Num	8			User Nutrient 4 (mg)
131	DIEA135	Num	8			User Nutrient 5 (mg)
132	DIEA136	Num	8			User Nutrient 6 (mg)
133	DIEA137	Num	8			User Nutrient 7 (mg)
134	DIEA138	Num	8			User Nutrient 8 (mg)
135	DIEA139	Num	8			User Nutrient 9 (mg)
136	DIEA140	Num	8			User Nutrient 10 (mg)
137	DIEA142	Num	8			Beta-Carotene (provitamin A carotenoid) (mcg)
138	DIEA143	Num	8			Alpha-Carotene (provitamin A carotenoid) (mcg)
139	DIEA144	Num	8			Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
140	DIEA145	Num	8			Lutein + Zeaxanthin (mcg)
141	DIEA146	Num	8			Lycopene (mcg)
142	DIEA147	Num	8			Dietary Folate Equivalents (mcg)
143	DIEA148	Num	8			Natural Folate (food folate) (mcg)
144	DIEA149	Num	8			Synthetic Folate (folic acid) (mcg)
145	DIEA153	Num	8			User Nutrient 11 (mg)
146	DIEA154	Num	8			User Nutrient 12 (mg)
147	DIEA155	Num	8			User Nutrient 13 (mg)
148	DIEA156	Num	8			User Nutrient 14 (mg)
149	DIEA157	Num	8			User Nutrient 15 (mg)
150	DIEA158	Num	8			User Nutrient 16 (mg)
151	DIEA159	Num	8			User Nutrient 17 (mg)
152	DIEA160	Num	8			User Nutrient 18 (mg)
153	DIEA161	Num	8			User Nutrient 19 (mg)



Num	Variable	Type	Len	Format	Informat	Label
154	DIEA162	Num	8			User Nutrient 20 (mg)
155	DIEA163	Num	8			Total Vitamin A Activity (Retinol Activity Equivalents) (mcg)
156	DIEA164	Num	8			Energy (kj)
157	DIEA165	Num	8			Niacin Equivalents (mg)
158	DIEA166	Num	8			Total Sugars (g)
159	DIEA167	Num	8			Omega-3 Fatty Acids (g)
160	DIEA168	Num	8			Manganese (mg)
161	DIEA169	Num	8			Vitamin E (International Units) (IU)
162	DIEA170	Num	8			Natural Alpha-Tocopherol (RRR-alpha-tocopherol or d-alpha-tocopherol) (mg)
163	DIEA171	Num	8			Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl-alpha-tocopherol) (mg)
164	DIEA172	Num	8			Daidzein (mg)
165	DIEA173	Num	8			Genistein (mg)
166	DIEA174	Num	8			Glycitein (mg)
167	DIEA175	Num	8			Coumestrol (mg)
168	DIEA176	Num	8			Biochanin A (mg)
169	DIEA177	Num	8			Formononetin (mg)
170	DIEA182	Num	8			Added Sugars (g)
171	DIEA183	Num	8			Acesulfame Potassium (mg)
172	DIEA184	Num	8			Sucralose (mg)
173	DIEA185	Num	8			Available Carbohydrate (g)
174	DIEA186	Num	8			Glycemic Index (glucose reference)
175	DIEA187	Num	8			Glycemic Index (bread reference)
176	DIEA188	Num	8			Glycemic Load (glucose reference)
177	DIEA189	Num	8			Glycemic Load (bread reference)
178	DIEA190	Num	8			Choline (mg)
179	DIEA191	Num	8			Betaine (mg)
180	DIEA192	Num	8			Erythritol (g)
181	DIEA193	Num	8			Inositol (g)
182	DIEA194	Num	8			Isomalt (g)
183	DIEA195	Num	8			Lactitol (g)
184	DIEA196	Num	8			Maltitol (g)
185	DIEA197	Num	8			Mannitol (g)
186	DIEA198	Num	8			Pinitol (g)
187	DIEA199	Num	8			Sorbitol (g)
188	DIEA200	Num	8			Xylitol (g)
189	DIEA201	Num	8			Nitrogen (g)
190	DIEA202	Num	8			Total Conjugated Linoleic Acid (CLA 18:2) (g)
191	DIEA203	Num	8			CLA cis-9, trans-11 (g)

Num	Variable	Type	Len	Format	Informat	Label
192	DIEA204	Num	8			CLA trans-10, cis-12 (g)
193	DIEA205	Num	8			Tagatose (mg)
194	DIEA206	Num	8			Vitamin D2 (ergocalciferol) (mcg)
195	DIEA207	Num	8			Vitamin D3 (cholecalciferol) (mcg)
196	DTIA16	Num	8			Intake Reliability

**Data Set Name: dtia\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	RECALLNUM	Num	8			First or second dietary recall
3	DTIA5	Char	2	\$2.	\$2.	Record Type
4	DTIA10	Num	8			Day of Intake
5	DTIA15	Num	8			Intake Amount
6	DTIA16	Num	8			Intake Reliability
7	DTIA17	Num	8			Data Collected in NCC Database Version
8	DTIA18	Num	8			Data Collected in Software Version
9	DTIA19	Num	8			Total Grams
10	DTIA20	Num	8			Energy (kcal)
11	DTIA21	Num	8			Total Fat (g)
12	DTIA22	Num	8			Total Carbohydrate (g)
13	DTIA23	Num	8			Total Protein (g)
14	DTIA24	Num	8			Animal Protein (g)
15	DTIA25	Num	8			Vegetable Protein (g)
16	DTIA26	Num	8			Alcohol (g)
17	DTIA27	Num	8			Cholesterol (mg)
18	DTIA28	Num	8			Total Saturated Fatty Acids (SFA) (g)
19	DTIA29	Num	8			Total Monounsaturated Fatty Acids (MUFA) (g)
20	DTIA30	Num	8			Total Polyunsaturated Fatty Acids (PUFA) (g)
21	DTIA31	Num	8			Fructose (g)
22	DTIA32	Num	8			Galactose (g)
23	DTIA33	Num	8			Glucose (g)
24	DTIA34	Num	8			Lactose (g)
25	DTIA35	Num	8			Maltose (g)
26	DTIA36	Num	8			Sucrose (g)
27	DTIA37	Num	8			Starch (g)
28	DTIA38	Num	8			Total Dietary Fiber (g)
29	DTIA39	Num	8			Soluble Dietary Fiber (g)
30	DTIA40	Num	8			Insoluble Dietary Fiber (g)
31	DTIA41	Num	8			Pectins (g)
32	DTIA42	Num	8			Total Vitamin A Activity (International Units) (IU)
33	DTIA43	Num	8			Beta-Carotene Equivalents (derived from provitamin A carotenoids) (mcg)
34	DTIA44	Num	8			Retinol (mcg)
35	DTIA45	Num	8			Vitamin D (calciferol) (mcg)
36	DTIA46	Num	8			Total Alpha-Tocopherol Equivalents (mg)

Num	Variable	Type	Len	Format	Informat	Label
37	DTIA47	Num	8			Vitamin E (Total Alpha-Tocopherol) (mg)
38	DTIA48	Num	8			Beta-Tocopherol (mg)
39	DTIA49	Num	8			Gamma-Tocopherol (mg)
40	DTIA50	Num	8			Delta-Tocopherol (mg)
41	DTIA51	Num	8			Vitamin K (phylloquinone) (mcg)
42	DTIA52	Num	8			Vitamin C (ascorbic acid) (mg)
43	DTIA53	Num	8			Thiamin (vitamin B1) (mg)
44	DTIA54	Num	8			Riboflavin (vitamin B2) (mg)
45	DTIA55	Num	8			Niacin (vitamin B3) (mg)
46	DTIA56	Num	8			Pantothenic Acid (mg)
47	DTIA57	Num	8			Vitamin B-6 (pyridoxine, pyridoxyl, & pyridoxamine) (mg)
48	DTIA58	Num	8			Total Folate (mcg)
49	DTIA59	Num	8			Vitamin B-12 (cobalamin) (mcg)
50	DTIA60	Num	8			Calcium (mg)
51	DTIA61	Num	8			Phosphorus (mg)
52	DTIA62	Num	8			Magnesium (mg)
53	DTIA63	Num	8			Iron (mg)
54	DTIA64	Num	8			Zinc (mg)
55	DTIA65	Num	8			Copper (mg)
56	DTIA66	Num	8			Selenium (mcg)
57	DTIA67	Num	8			Sodium (mg)
58	DTIA68	Num	8			Potassium (mg)
59	DTIA69	Num	8			SFA 4:0 (butyric acid) (g)
60	DTIA70	Num	8			SFA 6:0 (caproic acid) (g)
61	DTIA71	Num	8			SFA 8:0 (caprylic acid) (g)
62	DTIA72	Num	8			SFA 10:0 (capric acid) (g)
63	DTIA73	Num	8			SFA 12:0 (lauric acid) (g)
64	DTIA74	Num	8			SFA 14:0 (myristic acid) (g)
65	DTIA75	Num	8			SFA 16:0 (palmitic acid) (g)
66	DTIA76	Num	8			SFA 17:0 (margaric acid) (g)
67	DTIA77	Num	8			SFA 18:0 (stearic acid) (g)
68	DTIA78	Num	8			SFA 20:0 (arachidic acid) (g)
69	DTIA79	Num	8			SFA 22:0 (behenic acid) (g)
70	DTIA80	Num	8			MUFA 14:1 (myristoleic acid) (g)
71	DTIA81	Num	8			MUFA 16:1 (palmitoleic acid) (g)
72	DTIA82	Num	8			MUFA 18:1 (oleic acid) (g)
73	DTIA83	Num	8			MUFA 20:1 (gadoleic acid) (g)
74	DTIA84	Num	8			MUFA 22:1 (erucic acid) (g)
75	DTIA85	Num	8			PUFA 18:2 (linoleic acid) (g)

Num	Variable	Type	Len	Format	Informat	Label
76	DTIA86	Num	8			PUFA 18:3 (linolenic acid) (g)
77	DTIA87	Num	8			PUFA 18:4 (parinaric acid) (g)
78	DTIA88	Num	8			PUFA 20:4 (arachidonic acid) (g)
79	DTIA89	Num	8			PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
80	DTIA90	Num	8			PUFA 22:5 (docosapentaenoic acid [DPA]) (g)
81	DTIA91	Num	8			PUFA 22:6 (docosaheptaenoic acid [DHA]) (g)
82	DTIA92	Num	8			Tryptophan (g)
83	DTIA93	Num	8			Threonine (g)
84	DTIA94	Num	8			Isoleucine (g)
85	DTIA95	Num	8			Leucine (g)
86	DTIA96	Num	8			Lysine (g)
87	DTIA97	Num	8			Methionine (g)
88	DTIA98	Num	8			Cystine (g)
89	DTIA99	Num	8			Phenylalanine (g)
90	DTIA100	Num	8			Tyrosine (g)
91	DTIA101	Num	8			Valine (g)
92	DTIA102	Num	8			Arginine (g)
93	DTIA103	Num	8			Histidine (g)
94	DTIA104	Num	8			Alanine (g)
95	DTIA105	Num	8			Aspartic Acid (g)
96	DTIA106	Num	8			Glutamic Acid (g)
97	DTIA107	Num	8			Glycine (g)
98	DTIA108	Num	8			Proline (g)
99	DTIA109	Num	8			Serine (g)
100	DTIA110	Num	8			Aspartame (mg)
101	DTIA111	Num	8			Saccharin (mg)
102	DTIA112	Num	8			Caffeine (mg)
103	DTIA113	Num	8			Phytic Acid (mg)
104	DTIA114	Num	8			Oxalic Acid (mg)
105	DTIA115	Num	8			3-Methylhistidine (mg)
106	DTIA116	Num	8			Sucrose Polyester (g)
107	DTIA117	Num	8			Ash (g)
108	DTIA118	Num	8			Water (g)
109	DTIA119	Num	8			% Calories from Fat
110	DTIA120	Num	8			% Calories from Carbohydrate
111	DTIA121	Num	8			% Calories from Protein
112	DTIA122	Num	8			% Calories from Alcohol
113	DTIA123	Num	8			% Calories from SFA
114	DTIA124	Num	8			% Calories from MUFA

Num	Variable	Type	Len	Format	Informat	Label
115	DTIA125	Num	8			% Calories from PUFA
116	DTIA126	Num	8			Polyunsaturated to Saturated Fat Ratio
117	DTIA127	Num	8			Cholesterol to Saturated Fatty Acid Index
118	DTIA128	Num	8			Total Vitamin A Activity (Retinol Equivalents) (mcg)
119	DTIA129	Num	8			TRANS 18:1 (trans-octadecenoic acid [elaidic acid]) (g)
120	DTIA130	Num	8			TRANS 18:2 (trans-octadecadienoic acid [linolelaidic acid]; incl. c-t, t-c, t-t) (g)
121	DTIA131	Num	8			TRANS 16:1 (trans-hexadecenoic acid) (g)
122	DTIA132	Num	8			Total Trans-Fatty Acids (TRANS) (g)
123	DTIA133	Num	8			User Nutrient 1 (mg)
124	DTIA134	Num	8			User Nutrient 2 (mg)
125	DTIA135	Num	8			User Nutrient 3 (mg)
126	DTIA136	Num	8			User Nutrient 4 (mg)
127	DTIA137	Num	8			User Nutrient 5 (mg)
128	DTIA138	Num	8			User Nutrient 6 (mg)
129	DTIA139	Num	8			User Nutrient 7 (mg)
130	DTIA140	Num	8			User Nutrient 8 (mg)
131	DTIA141	Num	8			User Nutrient 9 (mg)
132	DTIA142	Num	8			User Nutrient 10 (mg)
133	DTIA144	Num	8			Beta-Carotene (provitamin A carotenoid) (mcg)
134	DTIA145	Num	8			Alpha-Carotene (provitamin A carotenoid) (mcg)
135	DTIA146	Num	8			Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
136	DTIA147	Num	8			Lutein + Zeaxanthin (mcg)
137	DTIA148	Num	8			Lycopene (mcg)
138	DTIA149	Num	8			Dietary Folate Equivalents (mcg)
139	DTIA150	Num	8			Natural Folate (food folate) (mcg)
140	DTIA151	Num	8			Synthetic Folate (folic acid) (mcg)
141	DTIA152	Num	8			Data Generated in NCC Database Version
142	DTIA153	Num	8			Data Generated in Software Version
143	DTIA155	Num	8			User Nutrient 11 (mg)
144	DTIA156	Num	8			User Nutrient 12 (mg)
145	DTIA157	Num	8			User Nutrient 13 (mg)
146	DTIA158	Num	8			User Nutrient 14 (mg)
147	DTIA159	Num	8			User Nutrient 15 (mg)
148	DTIA160	Num	8			User Nutrient 16 (mg)
149	DTIA161	Num	8			User Nutrient 17 (mg)
150	DTIA162	Num	8			User Nutrient 18 (mg)
151	DTIA163	Num	8			User Nutrient 19 (mg)
152	DTIA164	Num	8			User Nutrient 20 (mg)

Num	Variable	Type	Len	Format	Informat	Label
153	DTIA165	Num	8			Total Vitamin A Activity (Retinol Activity Equivalents) (mcg)
154	DTIA166	Num	8			Energy (kj)
155	DTIA167	Num	8			Niacin Equivalents (mg)
156	DTIA168	Num	8			Total Sugars (g)
157	DTIA169	Num	8			Omega-3 Fatty Acids (g)
158	DTIA170	Num	8			Manganese (mg)
159	DTIA171	Num	8			Vitamin E (International Units) (IU)
160	DTIA172	Num	8			Natural Alpha-Tocopherol (RRR-alpha-tocopherol or d-alpha-tocopherol) (mg)
161	DTIA173	Num	8			Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl-alpha-tocopherol) (mg)
162	DTIA174	Num	8			Daidzein (mg)
163	DTIA175	Num	8			Genistein (mg)
164	DTIA176	Num	8			Glycitein (mg)
165	DTIA177	Num	8			Coumestrol (mg)
166	DTIA178	Num	8			Biochanin A (mg)
167	DTIA179	Num	8			Formononetin (mg)
168	DTIA184	Num	8			Added Sugars (g)
169	DTIA185	Num	8			Acesulfame Potassium (mg)
170	DTIA186	Num	8			Sucralose (mg)
171	DTIA187	Num	8			Available Carbohydrate (g)
172	DTIA188	Num	8			Glycemic Index (glucose reference)
173	DTIA189	Num	8			Glycemic Index (bread reference)
174	DTIA190	Num	8			Glycemic Load (glucose reference)
175	DTIA191	Num	8			Glycemic Load (bread reference)
176	DTIA192	Num	8			Choline (mg)
177	DTIA193	Num	8			Betaine (mg)
178	DTIA194	Num	8			Erythritol (g)
179	DTIA195	Num	8			Inositol (g)
180	DTIA196	Num	8			Isomalt (g)
181	DTIA197	Num	8			Lactitol (g)
182	DTIA198	Num	8			Maltitol (g)
183	DTIA199	Num	8			Mannitol (g)
184	DTIA200	Num	8			Pinitol (g)
185	DTIA201	Num	8			Sorbitol (g)
186	DTIA202	Num	8			Xylitol (g)
187	INTERVIEW_ADMIN	Num	8			1=in-person and 2=phone
188	INTERVIEW_TYPE	Num	8			1=scheduled and 2=unscheduled
189	FORM	Char	3	\$3.	\$3.	FORM

Num	Variable	Type	Len	Format	Informat	Label
190	VERS	Char	1	\$1.	\$1.	VERS
191	ITYPE	Char	12			



**Data Set Name: *dtsa\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	RECALLNUM	Num	8			First or second dietary recall
3	DTSA4	Num	8			FRU0100 Citrus Juice
4	DTSA5	Num	8			FRU0200 Fruit Juice excluding Citrus Juice
5	DTSA6	Num	8			FRU0300 Citrus Fruit
6	DTSA7	Num	8			FRU0400 Fruit excluding Citrus Fruit
7	DTSA8	Num	8			FRU0500 Avocado and Similar
8	DTSA9	Num	8			FRU0600 Fried Fruits
9	DTSA10	Num	8			FRU0700 Fruit-based Savory Snack
10	DTSA11	Num	8			VEG0100 Dark-green Vegetables
11	DTSA12	Num	8			VEG0200 Deep-yellow Vegetables
12	DTSA13	Num	8			VEG0300 Tomato
13	DTSA14	Num	8			VEG0400 White Potatoes
14	DTSA15	Num	8			VEG0800 Fried Potatoes
15	DTSA16	Num	8			VEG0450 Other Starchy Vegetables
16	DTSA17	Num	8			VEG0700 Legumes (cooked dried beans)
17	DTSA18	Num	8			VEG0600 Other Vegetables
18	DTSA19	Num	8			VEG0900 Fried Vegetables
19	DTSA20	Num	8			VEG0500 Vegetable Juice
20	DTSA21	Num	8			FMC0100 Vegetable-based Savory Snack
21	DTSA22	Num	8			GRW0100 Grains, Flour and Dry Mixes - Whole Grain
22	DTSA23	Num	8			GRS0100 Grains, Flour and Dry Mixes - Some Whole Grain
23	DTSA24	Num	8			GRR0100 Grains, Flour and Dry Mixes - Refined Grain
24	DTSA25	Num	8			GRW0200 Loaf-type Bread and Plain Rolls - Whole Grain
25	DTSA26	Num	8			GRS0200 Loaf-type Bread and Plain Rolls - Some Whole Grain
26	DTSA27	Num	8			GRR0200 Loaf-type Bread and Plain Rolls - Refined Grain
27	DTSA28	Num	8			GRW0300 Other Breads (quick breads, corn muffins, tortillas) - Whole Grain
28	DTSA29	Num	8			GRS0300 Other Breads (quick breads, corn muffins, tortillas) - Some Whole Grain
29	DTSA30	Num	8			GRR0300 Other Breads (quick breads, corn muffins, tortillas) - Refined Grain
30	DTSA31	Num	8			GRW0400 Crackers - Whole Grain
31	DTSA32	Num	8			GRS0400 Crackers - Some Whole Grain
32	DTSA33	Num	8			GRR0400 Crackers - Refined Grain
33	DTSA34	Num	8			GRW0500 Pasta - Whole Grain
34	DTSA35	Num	8			GRS0500 Pasta - Some Whole Grain
35	DTSA36	Num	8			GRR0500 Pasta - Refined Grain
36	DTSA37	Num	8			GRW0600 Ready-to-eat Cereal (not presweetened) - Whole Grain

Num	Variable	Type	Len	Format	Informat	Label
37	DTSA38	Num	8			GRS0600 Ready-to-eat Cereal (not presweetened) - Some Whole Grain
38	DTSA39	Num	8			GRR0600 Ready-to-eat Cereal (not presweetened) - Refined Grain
39	DTSA40	Num	8			GRW0700 Ready-to-eat Cereal (presweetened) - Whole Grain
40	DTSA41	Num	8			GRS0700 Ready-to-eat Cereal (presweetened) - Some Whole Grain
41	DTSA42	Num	8			GRR0700 Ready-to-eat Cereal (presweetened) - Refined Grain
42	DTSA43	Num	8			GRW0800 Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Whole Grain
43	DTSA44	Num	8			GRS0800 Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Some Whole Grain
44	DTSA45	Num	8			GRR0800 Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Refined Grain
45	DTSA46	Num	8			GRW1000 Snack Bars - Whole Grain
46	DTSA47	Num	8			GRS1000 Snack Bars - Some Whole Grain
47	DTSA48	Num	8			GRR1000 Snack Bars - Refined Grain
48	DTSA49	Num	8			GRW0900 Snack Chips - Whole Grain
49	DTSA50	Num	8			GRS0900 Snack Chips - Some Whole Grain
50	DTSA51	Num	8			GRR0900 Snack Chips - Refined Grain
51	DTSA52	Num	8			GRW1100 Popcorn
52	DTSA53	Num	8			GRW1200 Flavored Popcorn
53	DTSA54	Num	8			GRO0100 Baby Food Grain Mixtures
54	DTSA55	Num	8			MRF0100 Beef
55	DTSA56	Num	8			MRL0100 Lean Beef
56	DTSA57	Num	8			MRF0200 Veal
57	DTSA58	Num	8			MRL0200 Lean Veal
58	DTSA59	Num	8			MRF0300 Lamb
59	DTSA60	Num	8			MRL0300 Lean Lamb
60	DTSA61	Num	8			MRF0400 Fresh Pork
61	DTSA62	Num	8			MRL0400 Lean Fresh Pork
62	DTSA63	Num	8			MCF0200 Cured Pork
63	DTSA64	Num	8			MCL0200 Lean Cured Pork
64	DTSA65	Num	8			MRF0500 Game
65	DTSA66	Num	8			MPF0100 Poultry
66	DTSA67	Num	8			MPL0100 Lean Poultry
67	DTSA68	Num	8			MPF0200 Fried Chicken - Commercial Entrée and Fast Food
68	DTSA69	Num	8			MFF0100 Fish - Fresh and Smoked
69	DTSA70	Num	8			MFL0100 Lean Fish - Fresh and Smoked
70	DTSA71	Num	8			MFF0200 Fried Fish - Commercial Entrée and Fast Food
71	DTSA72	Num	8			MSL0100 Shellfish
72	DTSA73	Num	8			MSF0100 Fried Shellfish - Commercial Entrée and Fast Food
73	DTSA74	Num	8			MCF0100 Cold Cuts and Sausage

Num	Variable	Type	Len	Format	Informat	Label
74	DTSA75	Num	8			MCL0100 Lean Cold Cuts and Sausage
75	DTSA76	Num	8			MOF0100 Organ Meats
76	DTSA77	Num	8			MOF0200 Baby Food Meat Mixtures
77	DTSA78	Num	8			FMC0200 Meat-based Savory Snack
78	DTSA79	Num	8			MOF0300 Eggs
79	DTSA80	Num	8			MOF0400 Egg Substitute
80	DTSA81	Num	8			MOF0500 Nuts and Seeds
81	DTSA82	Num	8			MOF0600 Nut and Seed Butters
82	DTSA83	Num	8			MOF0700 Meat Alternatives
83	DTSA84	Num	8			DMF0100 Milk - Whole
84	DTSA85	Num	8			DMR0100 Milk - Reduced Fat
85	DTSA86	Num	8			DML0100 Milk - Low Fat and Fat Free
86	DTSA87	Num	8			DMN0100 Milk - Nondairy
87	DTSA88	Num	8			DMF0200 Ready-to-drink Flavored Milk - Whole
88	DTSA89	Num	8			DMR0200 Ready-to-drink Flavored Milk - Reduced Fat
89	DTSA90	Num	8			DML0200 Ready-to-drink Flavored Milk - Low Fat and Fat Free
90	DTSA91	Num	8			DML0300 Sweetened Flavored Milk Beverage Powder with Non-fat Dry Milk
91	DTSA92	Num	8			DML0400 Artificially Sweetened Flavored Milk Beverage Powder with Non-fat Dry Milk
92	DTSA93	Num	8			SWT0600 Sweetened Flavored Milk Beverage Powder without Non-fat Dry Milk
93	DTSA94	Num	8			MSC1100 Artificially Sweetened Flavored Milk Beverage Powder without Non-fat Dry Milk
94	DTSA95	Num	8			DCF0100 Cheese - Full Fat
95	DTSA96	Num	8			DCR0100 Cheese - Reduced Fat
96	DTSA97	Num	8			DCL0100 Cheese - Low Fat and Fat Free
97	DTSA98	Num	8			DCN0100 Cheese - Nondairy
98	DTSA99	Num	8			DYF0100 Yogurt - Sweetened Whole Milk
99	DTSA100	Num	8			DYR0100 Yogurt - Sweetened Low Fat
100	DTSA101	Num	8			DYL0100 Yogurt - Sweetened Fat Free
101	DTSA102	Num	8			DYF0200 Yogurt - Artificially Sweetened Whole Milk
102	DTSA103	Num	8			DYR0200 Yogurt - Artificially Sweetened Low Fat
103	DTSA104	Num	8			DYL0200 Yogurt - Artificially Sweetened Fat Free
104	DTSA105	Num	8			DYN0100 Yogurt - Nondairy
105	DTSA106	Num	8			DOT0100 Frozen Dairy Dessert
106	DTSA107	Num	8			DOT0200 Frozen Nondairy Dessert
107	DTSA108	Num	8			DOT0300 Pudding and Other Dairy Dessert
108	DTSA109	Num	8			DOT0400 Artificially Sweetened Pudding and Other Dairy Dessert
109	DTSA110	Num	8			FCF0100 Cream
110	DTSA111	Num	8			FCR0100 Cream - Reduced Fat

Num	Variable	Type	Len	Format	Informat	Label
111	DTSA112	Num	8			FCL0100 Cream - Low Fat and Fat Free
112	DTSA113	Num	8			FCN0100 Cream - Nondairy
113	DTSA114	Num	8			DOT0500 Dairy-based Sweetened Meal Replacement/Supplement
114	DTSA115	Num	8			DOT0600 Dairy-based Artificially Sweetened Meal Replacement/Supplement
115	DTSA116	Num	8			DOT0700 Infant Formula
116	DTSA117	Num	8			DOT0800 Infant Formula - Nondairy
117	DTSA118	Num	8			FMF0100 Margarine - Regular
118	DTSA119	Num	8			FMR0100 Margarine - Reduced Fat
119	DTSA120	Num	8			FOF0100 Oil
120	DTSA121	Num	8			FSF0100 Shortening
121	DTSA122	Num	8			FAF0100 Butter and Other Animal Fats - Regular
122	DTSA123	Num	8			FAR0100 Butter and Other Animal Fats - Reduced Fat
123	DTSA124	Num	8			FDF0100 Salad Dressing - Regular
124	DTSA125	Num	8			FDR0100 Salad Dressing - Reduced Fat/Reduced Calorie/Fat Free
125	DTSA126	Num	8			SWT0400 Sugar
126	DTSA127	Num	8			MSC1200 Sugar Substitute
127	DTSA128	Num	8			SWT0500 Syrup, Honey, Jam, Jelly, Preserves
128	DTSA129	Num	8			SWT0700 Sauces, Sweet - Regular
129	DTSA130	Num	8			SWT0800 Sauces, Sweet - Reduced Fat/Reduced Calorie/Fat Free
130	DTSA131	Num	8			SWT0100 Chocolate Candy
131	DTSA132	Num	8			SWT0200 Non-chocolate Candy
132	DTSA133	Num	8			SWT0300 Frosting or Glaze
133	DTSA134	Num	8			BVS0400 Sweetened Soft Drinks
134	DTSA135	Num	8			BVA0400 Artificially Sweetened Soft Drinks
135	DTSA136	Num	8			BVU0300 Unsweetened Soft Drinks
136	DTSA137	Num	8			BVS0300 Sweetened Fruit Drinks
137	DTSA138	Num	8			BVA0300 Artificially Sweetened Fruit Drinks
138	DTSA139	Num	8			BVS0500 Sweetened Tea
139	DTSA140	Num	8			BVA0500 Artificially Sweetened Tea
140	DTSA141	Num	8			BVU0400 Unsweetened Tea
141	DTSA142	Num	8			BVS0100 Sweetened Coffee
142	DTSA143	Num	8			BVA0100 Artificially Sweetened Coffee
143	DTSA144	Num	8			BVU0100 Unsweetened Coffee
144	DTSA145	Num	8			BVS0200 Sweetened Coffee Substitutes
145	DTSA146	Num	8			BVA0200 Artificially Sweetened Coffee Substitutes
146	DTSA147	Num	8			BVU0200 Unsweetened Coffee Substitutes
147	DTSA148	Num	8			BVS0600 Sweetened Water
148	DTSA149	Num	8			BVA0600 Artificially Sweetened Water
149	DTSA150	Num	8			BVU0500 Unsweetened Water

Num	Variable	Type	Len	Format	Informat	Label
150	DTSA151	Num	8			BVS0700 Nondairy-based Sweetened Meal Replacement/Supplement
151	DTSA152	Num	8			BVA0700 Nondairy-based Artificially Sweetened Meal Replacement/Supplement
152	DTSA153	Num	8			BVU0600 Nondairy-based Unsweetened Meal Replacement/Supplement
153	DTSA154	Num	8			BVO0100 Non-alcoholic Beer
154	DTSA155	Num	8			BVO0200 Non-alcoholic Light Beer
155	DTSA156	Num	8			BVE0100 Beer and Ales
156	DTSA157	Num	8			BVE0400 Cordial and Liqueur
157	DTSA158	Num	8			BVE0300 Distilled Liquor
158	DTSA159	Num	8			BVE0200 Wine
159	DTSA160	Num	8			MSC0100 Gravy - Regular
160	DTSA161	Num	8			MSC0200 Gravy - Reduced Fat/Fat Free
161	DTSA162	Num	8			MSC0300 Sauces and Condiments - Regular
162	DTSA163	Num	8			MSC0400 Sauces and Condiments - Reduced Fat
163	DTSA164	Num	8			MSC0500 Pickled Foods
164	DTSA165	Num	8			MSC0600 Miscellaneous Dessert
165	DTSA166	Num	8			MSC0700 Non-grain Flour and Similar
166	DTSA167	Num	8			MSC0800 Soup Broth
167	DTSA168	Num	8			MSC0900 Baby Food Dessert
168	DTSA169	Num	8			MSC1000 Miscellaneous Baby Food Mixtures
169	FORM	Char	3	\$3.	\$3.	FORM
170	VERS	Char	1	\$1.	\$1.	VERS
171	DTIA16	Num	8			Intake Reliability

**Data Set Name:** *eara\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	EARA1	Num	8			Audiometric data complete (EARA1)
8	EARA2A	Num	8			1000 Hz within limits (<=10): Right (EARA2A)
9	EARA2B	Num	8			1000 Hz within limits (<=10): Left (EARA2B)
10	EARA3A	Num	8			Inserts used appropriately: Right (EARA3A)
11	EARA3B	Num	8			Inserts used appropriately: Right (EARA3B)
12	EARA4A	Num	8			Bone conduction appropriate (EARA4A)
13	EARA5	Num	8			AC Masked appropriately (EARA5)
14	EARA6	Num	8			BC Masked appropriately (EARA6)
15	EARA7A	Num	8			Tymp data entered correctly: Right (EARA7A)
16	EARA7B	Num	8			Tymp data entered correctly: Left (EARA7B)
17	EARA8A	Num	8			Tympts repeated: Right (EARA8A)
18	EARA8B	Num	8			Tympts repeated: Left (EARA8B)
19	EARA9A	Num	8			Tymp selection: Right (EARA9A)
20	EARA9B	Num	8			Tymp selection: Left (EARA9B)
21	EARA10	Num	8			Initial Review Status (EARA10)

**Data Set Name: *ecea\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	ECEA1	Num	8			Housing Status (ECEA1)
8	ECEA2	Num	8			Yearly Household Income Low/High (ECEA2)
9	ECEA3	Num	8			Low Income Range (ECEA3)
10	ECEA4	Num	8			High Income Range (ECEA4)
11	ECEA5	Num	8			Number people supported by household income (ECEA5)
12	ECEA6	Num	8			SES Ladder (ECEA6)

**Data Set Name:** *ecga\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	ECGA1	Char	8	\$8.	\$8.	MUSE record sequence number (ECGA1)
5	ECGA2	Char	3	\$3.	\$3.	MUSE database site (ECGA2)
6	ECGA19	Char	50	\$50.	\$50.	version of MUSE NOVECODE dll (ECGA19)
7	ECGA20	Char	50	\$50.	\$50.	version of MUSE FORM (ECGA20)
8	ECGA83	Char	12	\$12.	\$12.	No suppression codes, by software (ECGA83)
9	ECGA84	Char	12	\$12.	\$12.	ECG not available, by software (ECGA84)
10	ECGA85	Char	12	\$12.	\$12.	Inadequate quality or missing leads, by software (ECGA85)
11	ECGA86	Char	12	\$12.	\$12.	QRS >= 120, by software (ECGA86)
12	ECGA87	Char	12	\$12.	\$12.	Atrial fibrillation or flutter, by software (ECGA87)
13	ECGA88	Char	12	\$12.	\$12.	Ventricular or dual-chamber pacemaker, by software (ECGA88)
14	ECGA89	Char	12	\$12.	\$12.	Other suppression codes, by software (ECGA89)
15	ECGA90	Char	12	\$12.	\$12.	Uncertain P wave detection, by software (ECGA90)
16	ECGA91	Char	12	\$12.	\$12.	Lead connection Interchange, by software (ECGA91)
17	ECGA92	Char	12	\$12.	\$12.	Lead connection Interchange, by software (ECGA92)
18	ECGA93	Char	12	\$12.	\$12.	Basic sinus rhythm, by software (ECGA93)
19	ECGA94	Char	12	\$12.	\$12.	No suppression codes, by visual flag (ECGA94)
20	ECGA95	Char	12	\$12.	\$12.	ECG not available, by visual flag (ECGA95)
21	ECGA96	Char	12	\$12.	\$12.	Inadequate quality or missing leads, by visual flag (ECGA96)
22	ECGA97	Char	12	\$12.	\$12.	QRS >= 120, by visual flag (ECGA97)
23	ECGA98	Char	12	\$12.	\$12.	Atrial fibrillation or flutter, by visual flag (ECGA98)
24	ECGA99	Char	12	\$12.	\$12.	Ventricular or dual-chamber pacemaker, by visual flag (ECGA99)
25	ECGA100	Char	12	\$12.	\$12.	Other suppression codes, by visual flag (ECGA100)
26	ECGA101	Char	12	\$12.	\$12.	Uncertain P wave detection, by visual flag (ECGA101)
27	ECGA102	Char	12	\$12.	\$12.	Lead connection Interchange, by visual flag (ECGA102)
28	ECGA103	Char	12	\$12.	\$12.	Lead connection Interchange, by visual flag (ECGA103)
29	ECGA104	Char	12	\$12.	\$12.	Basic sinus rhythm, by visual flag (ECGA104)
30	ECGA105	Char	12	\$12.	\$12.	Wandering Atrial Pacemaker, by visual flag (ECGA105)
31	ECGA106	Char	12	\$12.	\$12.	Junctional rhythm, by visual flag (ECGA106)
32	ECGA107	Char	12	\$12.	\$12.	Ectopic atrial rhythm, by visual flag (ECGA107)
33	ECGA108	Char	12	\$12.	\$12.	Supraventricular or narrow QRS tachycardia, by visual flag (ECGA108)
34	ECGA109	Char	12	\$12.	\$12.	Atrial flutter or fibrillation, by visual flag (ECGA109)
35	ECGA110	Char	12	\$12.	\$12.	Electronic pacemaker, by visual flag (ECGA110)
36	ECGA111	Char	12	\$12.	\$12.	Ventricular tachycardia, by visual flag (ECGA111)



Num	Variable	Type	Len	Format	Informat	Label
37	ECGA112	Char	12	\$12.	\$12.	Other abnormal rhythm classifications, by visual flag (ECGA112)
38	ECGA113	Char	12	\$12.	\$12.	Indeterminate abnormal rhythm classifications, by visual flag (ECGA113)
39	ECGA114	Char	12	\$12.	\$12.	supplemental ectopic supraventricular complexes, by visual flag (ECGA114)
40	VISIT	Num	8			
41	FSEQNO	Num	8			
42	LINENUMBER	Num	8			
43	ECGA7	Num	8			Heart Rate (ECGA7)
44	ECGA8	Num	8			Ventricular Rate (ECGA8)
45	ECGA9	Num	8			PR duration (ECGA9)
46	ECGA10	Num	8			QRS duration (ECGA10)
47	ECGA11	Num	8			QT duration (ECGA11)
48	ECGA12	Num	8			QTc Calculated (ECGA12)
49	ECGA13	Num	8			Quality, by visual flag (ECGA13)
50	ECGA15	Num	8			P axis (ECGA15)
51	ECGA16	Num	8			R Axis (ECGA16)
52	ECGA17	Num	8			T Axis (ECGA17)
53	ECGA21	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA21)
54	ECGA22	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA22)
55	ECGA23	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA23)
56	ECGA24	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA24)
57	ECGA25	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA25)
58	ECGA26	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA26)
59	ECGA27	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA27)
60	ECGA28	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA28)
61	ECGA29	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA29)
62	ECGA30	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA30)
63	ECGA31	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA31)
64	ECGA32	Num	8			E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ] (ECGA32)
65	ECGA33	Num	8			J (end of QRS) point amplitude (ECGA33)
66	ECGA34	Num	8			J (end of QRS) point amplitude (ECGA34)
67	ECGA35	Num	8			J (end of QRS) point amplitude (ECGA35)

Num	Variable	Type	Len	Format	Informat	Label
68	ECGA36	Num	8			J (end of QRS) point amplitude (ECGA36)
69	ECGA37	Num	8			J (end of QRS) point amplitude (ECGA37)
70	ECGA38	Num	8			J (end of QRS) point amplitude (ECGA38)
71	ECGA39	Num	8			J (end of QRS) point amplitude (ECGA39)
72	ECGA40	Num	8			J (end of QRS) point amplitude (ECGA40)
73	ECGA41	Num	8			J (end of QRS) point amplitude (ECGA41)
74	ECGA42	Num	8			J (end of QRS) point amplitude (ECGA42)
75	ECGA43	Num	8			J (end of QRS) point amplitude (ECGA43)
76	ECGA44	Num	8			J (end of QRS) point amplitude (ECGA44)
77	ECGA45	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA45)
78	ECGA46	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA46)
79	ECGA47	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA47)
80	ECGA48	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA48)
81	ECGA49	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA49)
82	ECGA50	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA50)
83	ECGA51	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA51)
84	ECGA52	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA52)
85	ECGA53	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA53)
86	ECGA54	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA54)
87	ECGA55	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA55)
88	ECGA56	Num	8			M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ] (ECGA56)
89	ECGA57	Num	8			maximum of STJ, STM, STE amplitudes (ECGA57)
90	ECGA58	Num	8			maximum of STJ, STM, STE amplitudes (ECGA58)
91	ECGA59	Num	8			maximum of STJ, STM, STE amplitudes (ECGA59)
92	ECGA60	Num	8			maximum of STJ, STM, STE amplitudes (ECGA60)
93	ECGA61	Num	8			maximum of STJ, STM, STE amplitudes (ECGA61)
94	ECGA62	Num	8			maximum of STJ, STM, STE amplitudes (ECGA62)
95	ECGA63	Num	8			maximum of STJ, STM, STE amplitudes (ECGA63)
96	ECGA64	Num	8			maximum of STJ, STM, STE amplitudes (ECGA64)
97	ECGA65	Num	8			maximum of STJ, STM, STE amplitudes (ECGA65)
98	ECGA66	Num	8			maximum of STJ, STM, STE amplitudes (ECGA66)
99	ECGA67	Num	8			maximum of STJ, STM, STE amplitudes (ECGA67)
100	ECGA68	Num	8			maximum of STJ, STM, STE amplitudes (ECGA68)
101	ECGA69	Num	8			maximum of R amplitude (ECGA69)
102	ECGA70	Num	8			maximum of S amplitude (ECGA70)
103	ECGA71	Num	8			minimum of STJ and STM amplitudes (ECGA71)
104	ECGA72	Num	8			minimum of STJ and STM amplitudes (ECGA72)
105	ECGA73	Num	8			minimum of STJ and STM amplitudes (ECGA73)
106	ECGA74	Num	8			minimum of STJ and STM amplitudes (ECGA74)

Num	Variable	Type	Len	Format	Informat	Label
107	ECGA75	Num	8			minimum of STJ and STM amplitudes (ECGA75)
108	ECGA76	Num	8			minimum of STJ and STM amplitudes (ECGA76)
109	ECGA77	Num	8			minimum of STJ and STM amplitudes (ECGA77)
110	ECGA78	Num	8			minimum of STJ and STM amplitudes (ECGA78)
111	ECGA79	Num	8			minimum of STJ and STM amplitudes (ECGA79)
112	ECGA80	Num	8			minimum of STJ and STM amplitudes (ECGA80)
113	ECGA81	Num	8			minimum of STJ and STM amplitudes (ECGA81)
114	ECGA82	Num	8			minimum of STJ and STM amplitudes (ECGA82)
115	ECGA115	Num	8			count of complexes (ECGA115)
116	ECGA116	Char	12	\$12.	\$12.	with atrial begemeny, by visual flag (ECGA116)
117	ECGA118	Char	12	\$12.	\$12.	with atrial trigemeny, by visual flag (ECGA118)
118	ECGA120	Char	12	\$12.	\$12.	supplemental aberrant supraventricular complexes, by visual flag (ECGA120)
119	ECGA122	Char	12	\$12.	\$12.	supplemental ectopic ventricular complexes, by visual flag (ECGA122)
120	ECGA124	Char	12	\$12.	\$12.	with a doublet of complexes (ECGA124)
121	ECGA126	Char	12	\$12.	\$12.	coalescent ventricular ectopic complexes (ECGA126)
122	ECGA128	Char	12	\$12.	\$12.	polymorphic ventricular ectopic complexes (ECGA128)
123	ECGA130	Char	12	\$12.	\$12.	ventricular bigemeny (ECGA130)
124	ECGA132	Char	12	\$12.	\$12.	ventricular trigemeny (ECGA132)
125	ECGA134	Char	12	\$12.	\$12.	with pause (possible sinoatrial arrest or block) (ECGA134)
126	ECGA136	Char	12	\$12.	\$12.	with reduced heart rate variability (ECGA136)
127	ECGA138	Char	12	\$12.	\$12.	with increased heart rate variability (ECGA138)
128	ECGA140	Char	12	\$12.	\$12.	probably left atrial ectopic focus (ECGA140)
129	ECGA142	Char	12	\$12.	\$12.	probably right atrial ectopic focus (ECGA142)
130	ECGA144	Char	12	\$12.	\$12.	with dominate AV conduction ratio (ECGA144)
131	ECGA146	Char	12	\$12.	\$12.	with AV dissociation (ECGA146)
132	ECGA148	Char	12	\$12.	\$12.	with variable AV conduction (ECGA148)
133	ECGA150	Char	12	\$12.	\$12.	with AV dissociation and junctional rhythm (ECGA150)
134	ECGA152	Char	12	\$12.	\$12.	with slow ventricular response (ECGA152)
135	ECGA154	Char	12	\$12.	\$12.	with rapid ventricular response (ECGA154)
136	ECGA156	Char	12	\$12.	\$12.	with narrow QRS complex (ECGA156)
137	ECGA158	Char	12	\$12.	\$12.	with wide QRS complex (ECGA158)
138	ECGA160	Char	12	\$12.	\$12.	with slow ventricular rate (ECGA160)
139	ECGA162	Char	6	\$6.	\$6.	novacode atrioventricular conduction abnormalities; by software (ECGA162)
140	ECGA163	Char	6	\$6.	\$6.	novacode prolonged ventricular excitation; by software (ECGA163)
141	ECGA164	Char	6	\$6.	\$6.	novacode prolonged ventricular repolarization; by software (ECGA164)
142	ECGA165	Char	6	\$6.	\$6.	novacode prevalent myocardial infarction/ischemia; by software (ECGA165)
143	ECGA166	Char	6	\$6.	\$6.	novacode left ventricular hypertrophy; by software (ECGA166)
144	ECGA167	Char	6	\$6.	\$6.	novacode left atrial enlargement; by software (ECGA167)
145	ECGA168	Char	6	\$6.	\$6.	novacode right ventricular hypertrophy; by software (ECGA168)

Num	Variable	Type	Len	Format	Informat	Label
146	ECGA169	Char	6	\$6.	\$6.	novacode right atrial enlargement; by software (ECGA169)
147	ECGA170	Char	6	\$6.	\$6.	novacode fascicular blocks; by software (ECGA170)
148	ECGA171	Char	6	\$6.	\$6.	novacode right ventricular hypertrophy; by software (ECGA171)
149	ECGA172	Char	6	\$6.	\$6.	novacode right atrial enlargement; by software (ECGA172)
150	ECGA173	Char	6	\$6.	\$6.	novacode atrioventricular conduction abnormalities; by software (ECGA173)
151	ECGA174	Char	6	\$6.	\$6.	novacode prolonged ventricular excitation; by software (ECGA174)
152	ECGA175	Char	6	\$6.	\$6.	novacode prolonged ventricular repolarization; by software (ECGA175)
153	ECGA176	Char	6	\$6.	\$6.	novacode prevalent myocardial infarction/ischemia; by software (ECGA176)
154	ECGA177	Char	6	\$6.	\$6.	novacode left ventricular hypertrophy; by software (ECGA177)
155	ECGA178	Char	6	\$6.	\$6.	novacode left atrial enlargement; by software (ECGA178)
156	ECGA179	Char	6	\$6.	\$6.	novacode fascicular blocks; by software (ECGA179)
157	ECGA117	Num	8			count of complexes (ECGA117)
158	ECGA119	Num	8			count of complexes (ECGA119)
159	ECGA121	Num	8			count of complexes (ECGA121)
160	ECGA123	Num	8			count of complexes (ECGA123)
161	ECGA125	Num	8			count of complexes (ECGA125)
162	ECGA127	Num	8			count of complexes (ECGA127)
163	ECGA129	Num	8			count of complexes (ECGA129)
164	ECGA131	Num	8			count of complexes (ECGA131)
165	ECGA133	Num	8			count of complexes (ECGA133)
166	ECGA135	Num	8			count of complexes (ECGA135)
167	ECGA137	Num	8			count of complexes (ECGA137)
168	ECGA139	Num	8			count of complexes (ECGA139)
169	ECGA141	Num	8			count of complexes (ECGA141)
170	ECGA143	Num	8			count of complexes (ECGA143)
171	ECGA145	Num	8			count of complexes (ECGA145)
172	ECGA147	Num	8			count of complexes (ECGA147)
173	ECGA149	Num	8			count of complexes (ECGA149)
174	ECGA151	Num	8			count of complexes (ECGA151)
175	ECGA153	Num	8			count of complexes (ECGA153)
176	ECGA155	Num	8			count of complexes (ECGA155)
177	ECGA157	Num	8			count of complexes (ECGA157)
178	ECGA159	Num	8			count of complexes (ECGA159)
179	ECGA161	Num	8			count of complexes (ECGA161)
180	ECGA180	Num	8			MINN Code 1 - Q and QS Patterns (ECGA180)
181	ECGA181	Num	8			MINN Code 1 - Q and QS Patterns (ECGA181)
182	ECGA182	Num	8			MINN Code 1 - Q and QS Patterns (ECGA182)
183	ECGA183	Num	8			MINN Code 1 - Q and QS Patterns (ECGA183)
184	ECGA184	Num	8			MINN Code 1 - Q and QS Patterns (ECGA184)

Num	Variable	Type	Len	Format	Informat	Label
185	ECGA185	Num	8			MINN Code 1 - Q and QS Patterns (ECGA185)
186	ECGA186	Num	8			MINN Code 1 - Q and QS Patterns (ECGA186)
187	ECGA187	Num	8			MINN Code 1 - Q and QS Patterns (ECGA187)
188	ECGA188	Num	8			MINN Code 1 - Q and QS Patterns (ECGA188)
189	ECGA189	Num	8			MINN Code 1 - Q and QS Patterns (ECGA189)
190	ECGA190	Num	8			MINN Code 1 - Q and QS Patterns (ECGA190)
191	ECGA191	Num	8			MINN Code 1 - Q and QS Patterns (ECGA191)
192	ECGA192	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA192)
193	ECGA193	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA193)
194	ECGA194	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA194)
195	ECGA195	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA195)
196	ECGA196	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA196)
197	ECGA197	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA197)
198	ECGA198	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA198)
199	ECGA199	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA199)
200	ECGA200	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA200)
201	ECGA201	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA201)
202	ECGA202	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA202)
203	ECGA203	Num	8			MINN Code 4 - ST Junction and Segment Depression (ECGA203)
204	ECGA204	Num	8			MINN Code 5 - T-Wave Items (ECGA204)
205	ECGA205	Num	8			MINN Code 5 - T-Wave Items (ECGA205)
206	ECGA206	Num	8			MINN Code 5 - T-Wave Items (ECGA206)
207	ECGA207	Num	8			MINN Code 5 - T-Wave Items (ECGA207)
208	ECGA208	Num	8			MINN Code 5 - T-Wave Items (ECGA208)
209	ECGA209	Num	8			MINN Code 5 - T-Wave Items (ECGA209)
210	ECGA210	Num	8			MINN Code 5 - T-Wave Items (ECGA210)
211	ECGA211	Num	8			MINN Code 5 - T-Wave Items (ECGA211)
212	ECGA212	Num	8			MINN Code 5 - T-Wave Items (ECGA212)
213	ECGA213	Num	8			MINN Code 5 - T-Wave Items (ECGA213)
214	ECGA214	Num	8			MINN Code 5 - T-Wave Items (ECGA214)
215	ECGA215	Num	8			MINN Code 5 - T-Wave Items (ECGA215)
216	ECGA216	Num	8			MINN Code 92 - ST Segment Elevation (ECGA216)
217	ECGA217	Num	8			MINN Code 92 - ST Segment Elevation (ECGA217)
218	ECGA218	Num	8			MINN Code 92 - ST Segment Elevation (ECGA218)
219	ECGA219	Num	8			MINN Code 92 - ST Segment Elevation (ECGA219)
220	ECGA220	Num	8			MINN Code 92 - ST Segment Elevation (ECGA220)
221	ECGA221	Num	8			MINN Code 92 - ST Segment Elevation (ECGA221)
222	ECGA228	Char	6	\$6.	\$6.	MINN Code 2 - QRS Axis Deviation (ECGA228)
223	ECGA229	Char	6	\$6.	\$6.	MINN Code 3 - High Amplitude R Waves (ECGA229)

Num	Variable	Type	Len	Format	Informat	Label
224	ECGA230	Char	6	\$6.	\$6.	MINN Code 7 - Ventricular Conduction Defect (ECGA230)
225	ECGA231	Char	6	\$6.	\$6.	MINN Code 91 - Low QRS amplitude (ECGA231)
226	ECGA232	Char	6	\$6.	\$6.	MINN Code 93 - P wave amplitude $\geq 2.5$ mm (ECGA232)
227	ECGA233	Char	6	\$6.	\$6.	MINN Code 94 - QRS transition zone (ECGA233)
228	ECGA234	Char	6	\$6.	\$6.	MINN Code 95 - T wave amplitude $\geq 12$ mm (ECGA234)
229	ECGA235	Char	6	\$6.	\$6.	MINN Code 1 - Q and QS Patterns; Posterior Site (ECGA235)
230	ECGA236	Char	6	\$6.	\$6.	MINN Code 4 - ST Junction and Segment Depression; Posterior Site (ECGA236)
231	ECGA237	Char	6	\$6.	\$6.	MINN Code 5 - T-Wave Items; Posterior Site (ECGA237)
232	ECGA238	Char	6	\$6.	\$6.	MINN Code 92 - ST Segment Elevation; Posterior Site (ECGA238)
233	ECGA239	Char	6	\$6.	\$6.	MINN Code 1 - Q and QS Patterns; Anterolateral Site (ECGA239)
234	ECGA240	Char	6	\$6.	\$6.	MINN Code 4 - ST Junction and Segment Depression; Anterolateral Site (ECGA240)
235	ECGA241	Char	6	\$6.	\$6.	MINN Code 5 - T-Wave Items; Anterolateral Site (ECGA241)
236	ECGA242	Char	6	\$6.	\$6.	MINN Code 92 - ST Segment Elevation; Anterolateral Site (ECGA242)
237	ECGA243	Char	6	\$6.	\$6.	MINN Code 1 - Q and QS Patterns; Anterior Site (ECGA243)
238	ECGA244	Char	6	\$6.	\$6.	MINN Code 4 - ST Junction and Segment Depression; Anterior Site (ECGA244)
239	ECGA245	Char	6	\$6.	\$6.	MINN Code 5 - T-Wave Items; Anterior Site (ECGA245)
240	ECGA246	Char	6	\$6.	\$6.	MINN Code 92 - ST Segment Elevation; Anterior Site (ECGA246)
241	ECGA247	Char	6	\$6.	\$6.	Complete (third degree) A-V block; by visual flag (ECGA247)
242	ECGA248	Char	6	\$6.	\$6.	Mobitz type II, Partial, or Wenckebach; by visual flag (ECGA248)
243	ECGA249	Char	6	\$6.	\$6.	P-R Interval $> .22$ sec; by visual flag (ECGA249)
244	ECGA250	Char	6	\$6.	\$6.	Wolff_Parkinson-White pattern; by visual flag (ECGA250)
245	ECGA251	Char	6	\$6.	\$6.	SHORT_PR; by visual flag (ECGA251)
246	ECGA252	Char	6	\$6.	\$6.	Intermittent aberrant atrioventricular conduction; by visual flag (ECGA252)
247	ECGA253	Char	6	\$6.	\$6.	not used (ECGA253)
248	ECGA254	Char	6	\$6.	\$6.	Artificial Pacemaker; by visual flag (ECGA254)
249	ECGA255	Char	6	\$6.	\$6.	Premature beats; by visual flag (ECGA255)
250	ECGA256	Char	6	\$6.	\$6.	Ventricular arrhythmia; by visual flag (ECGA256)
251	ECGA257	Char	6	\$6.	\$6.	Atrial fibrillation/flutter; by visual flag (ECGA257)
252	ECGA258	Char	6	\$6.	\$6.	Supraventricular arrhythmia; by visual flag (ECGA258)
253	ECGA259	Char	6	\$6.	\$6.	Sinoatrial arrhythmia; by visual flag (ECGA259)
254	ECGA260	Char	6	\$6.	\$6.	A-V dissociation; by visual flag (ECGA260)
255	ECGA261	Char	6	\$6.	\$6.	Sinus tachycardia; by visual flag (ECGA261)
256	ECGA262	Char	6	\$6.	\$6.	Sinus bradycardia; by visual flag (ECGA262)
257	ECGA263	Char	6	\$6.	\$6.	Other arrhythmia; by visual flag (ECGA263)
258	ECGA266	Char	55	\$55.	\$55.	one of the following (ECGA266)
259	ECGA267	Char	61	\$61.	\$61.	Major Q Wave abnormalities [old Myocardial Infarction (MI)] (ECGA267)
260	ECGA268	Char	60	\$60.	\$60.	Minor Q, QS waves with ST, T abnormalities (possible old MI) (ECGA268)

Num	Variable	Type	Len	Format	Informat	Label
261	ECGA269	Char	35	\$35.	\$35.	Major Isolated_ST_T_abnormalities (ECGA269)
262	ECGA270	Char	30	\$30.	\$30.	Left Ventricular Hypertrophy (ECGA270)
263	ECGA271	Char	32	\$32.	\$32.	Atrial Fibrillation or Flutter (ECGA271)
264	ECGA272	Char	35	\$35.	\$35.	one of the following (ECGA272)
265	ECGA273	Char	35	\$35.	\$35.	Complete (third degree) A-V block (ECGA273)
266	ECGA274	Char	63	\$63.	\$63.	one of the following (ECGA274)
267	ECGA275	Char	31	\$31.	\$31.	Wolff-Parkinson-White pattern (ECGA275)
268	ECGA276	Char	36	\$36.	\$36.	Major QT Prolongation, QT <sub>i</sub> >= 116% (ECGA276)
269	ECGA277	Char	11	\$11.	\$11.	Pacemaker (ECGA277)
270	ECGA278	Char	75	\$75.	\$75.	one of the following (ECGA278)
271	ECGA279	Char	35	\$35.	\$35.	one of the following (ECGA279)
272	ECGA280	Char	43	\$43.	\$43.	Supraventricular tachycardia intermittent (ECGA280)
273	ECGA281	Char	27	\$27.	\$27.	MINOR ISOLATED Q, QS waves (ECGA281)
274	ECGA282	Char	35	\$35.	\$35.	MINOR ISOLATED ST, T Abnormalities (ECGA282)
275	ECGA283	Char	14	\$14.	\$14.	HIGH R waves (ECGA283)
276	ECGA284	Char	43	\$43.	\$43.	ST Segment Elevation, Anterolateral Site (ECGA284)
277	ECGA285	Char	38	\$38.	\$38.	ST Segment Elevation, Posterior Site (ECGA285)
278	ECGA286	Char	37	\$37.	\$37.	ST Segment Elevation, Anterior Site (ECGA286)
279	ECGA287	Char	17	\$17.	\$17.	Incomplete RBBB (ECGA287)
280	ECGA288	Char	17	\$17.	\$17.	Incomplete LBBB (ECGA288)
281	ECGA289	Char	35	\$35.	\$35.	Minor QT Prolongation, QT <sub>i</sub> >= 112% (ECGA289)
282	ECGA290	Char	10	\$10.	\$10.	Short PR (ECGA290)
283	ECGA291	Char	22	\$22.	\$22.	Left axis deviation (ECGA291)
284	ECGA292	Char	22	\$22.	\$22.	Right axis deviation (ECGA292)
285	ECGA293	Char	38	\$38.	\$38.	Frequent Ventricular Premature Beats (ECGA293)
286	ECGA294	Char	24	\$24.	\$24.	P-R Interval > .22 sec (ECGA294)
287	ECGA295	Char	79	\$79.	\$79.	one of the following (ECGA295)
288	ECGA296	Char	25	\$25.	\$25.	Supraventricular rhythm (ECGA296)
289	ECGA297	Char	19	\$19.	\$19.	Sinus Tachycardia (ECGA297)
290	ECGA298	Char	19	\$19.	\$19.	Sinus Bradycardia (ECGA298)
291	ECGA299	Char	19	\$19.	\$19.	Low QRS amplitude (ECGA299)
292	ECGA300	Char	23	\$23.	\$23.	P-wave amplitude high (ECGA300)
293	ECGA301	Char	8	\$8.	\$8.	Flag for suppressed codes (ECGA301)
294	ECGA222	Num	8			MINN Code 92 - ST Segment Elevation (ECGA222)
295	ECGA223	Num	8			MINN Code 92 - ST Segment Elevation (ECGA223)
296	ECGA224	Num	8			MINN Code 92 - ST Segment Elevation (ECGA224)
297	ECGA225	Num	8			MINN Code 92 - ST Segment Elevation (ECGA225)
298	ECGA226	Num	8			MINN Code 92 - ST Segment Elevation (ECGA226)
299	ECGA227	Num	8			MINN Code 92 - ST Segment Elevation (ECGA227)

Num	Variable	Type	Len	Format	Informat	Label
300	ECGA264	Num	8			HRV - square root of the mean squared difference of successive NN intervals (ECGA264)
301	ECGA265	Num	8			HRV - standard deviation of NN intervals (ECGA265)



*Data Set Name: food\_group\_derv\_lad1.sas7bdat*

Num	Variable	Type	Len	Label
1	PID	Char	8	Random BioLINCC ID for LAD
2	RECALLNUM	Num	8	First or second dietary recall
3	FRUIT_CIT	Num	8	Fruit-Citrus(servings/day)
4	FRUIT_OTH	Num	8	Fruit-Others(servings/day)
5	FRUIT_ALL	Num	8	Fruit-Overall(servings/day)
6	FRUIT_ALL_WOJUICE	Num	8	Fruit - Overall, without fruit juice (servings/day)
7	VEG_DARK	Num	8	Vegetable - Dark green(servings/day)
8	VEG_ORAN	Num	8	Vegetable - Orange(servings/day)
9	VEG_TOMA	Num	8	Vegetable - Tomato(servings/day)
10	VEG_WPOT	Num	8	Vegetable - White Potatos(servings/day)
11	VEG_STAR	Num	8	Vegetable - Starchy(servings/day)
12	VEG_BEAN	Num	8	Vegetable - Beans(servings/day)
13	VEG_OTH	Num	8	Vegetable - Others(servings/day)
14	VEG_ALL	Num	8	Vegetable - Overall(servings/day)
15	VEG_ALL_WOPOTATO	Num	8	Vegetable - Overall, without potato (servings/day)
16	VEG_ALL_WOPOTATO	Num	8	Vegetable - Overall, without fried potato (servings/day)
17	FRUITVEG_WOPOTATO	Num	8	Fruit and vegetables without fried potato (servings/day)
18	GRAIN_REF	Num	8	Grain - Refined Grain(servings/day)
19	GRAIN_WHL	Num	8	Grain - Whole Grain(servings/day)
20	GRAIN_ALL	Num	8	Grain - Overall(servings/day)
21	MEAT_RED	Num	8	Meat - Read Meat(servings/day)
22	MEAT_LUNCH	Num	8	Meat - Luncheon(servings/day)
23	MEAT_POUL	Num	8	Meat - Poultry(servings/day)
24	MEAT_FISH	Num	8	Meat - Fish(servings/day)
25	MEAT_ORG	Num	8	Meat - Organ Meats(servings/day)
26	MEAT_EGG	Num	8	Meat - Eggs(servings/day)
27	MEAT_NUT	Num	8	Meat - Nuts(servings/day)
28	MEAT_SOY	Num	8	Meat - Soy(servings/day)
29	MEAT_ALL	Num	8	Meat - Overall(servings/day)
30	NUT_LEGUMES	Num	8	Nut and Legumes (servings/day)
31	MILK_MILK	Num	8	Milk - Milk(servings/day)
32	MILK_CHES	Num	8	Milk - Cheese(servings/day)
33	MILK_YOGU	Num	8	Milk - Yogurt(servings/day)
34	MILK_DESR	Num	8	Milk - Dessert(servings/day)
35	MILK_ALL	Num	8	Milk - Overall(servings/day)
36	FAT_DISC	Num	8	Fat - Discretionary Fat(servings/day)

Num	Variable	Type	Len	Label
37	FAT_OIL	Num	8	Fat - Oil(servings/day)
38	FAT_ALL	Num	8	Fat - Overall(servings/day)
39	SUGAR_SGR	Num	8	Sugar - Sugar(servings/day)
40	SUGAR_DESR	Num	8	Sugar - Dessert(servings/day)
41	SUGAR_SWTB	Num	8	Sugar - Sugar Sweetened Beverage(servings/day)
42	SUGAR_SWTB_WJUICE	Num	8	Sugar Sweetened Beverage, include fruit juice (servings/day)
43	SUGAR_DIETB	Num	8	Sugar - Diet Beverage(servings/day)
44	SUGAR_ALL	Num	8	Sugar - Overall(servings/day)
45	WATER	Num	8	Water(servings/day)
46	ALCOHOL	Num	8	Alcohol(servings/day)
47	SNACK_SWT	Num	8	Snack - Sweet Snack(servings/day)
48	SNACK_SALT	Num	8	Snack - Salty Snack(servings/day)
49	SNACK_NUT	Num	8	Snack - Nuts(servings/day)
50	SNACK_CRACK	Num	8	Snack - Crackers(servings/day)
51	SNACK_VEGFR	Num	8	Snack - Fruit or Vegetable Savory(servings/day)
52	SNACK_ALL	Num	8	Snack - Overall(servings/day)

*Data Set Name: fsca\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	RECALLNUM	Num	8			First or Second dietary recall
3	FOODID	Char	7			Food File ID
4	FSCA5	Char	7	\$7.	\$7.	Foods Report Item Number
5	FSCA7	Char	14	\$14.	\$14.	Food ID
6	FSCA8	Num	8			FRU0100 - Citrus Juice
7	FSCA9	Num	8			FRU0200 - Fruit Juice excluding Citrus Juice
8	FSCA10	Num	8			FRU0300 - Citrus Fruit
9	FSCA11	Num	8			FRU0400 - Fruit excluding Citrus Fruit
10	FSCA12	Num	8			FRU0500 - Avocado and Similar
11	FSCA13	Num	8			FRU0600 - Fried Fruits
12	FSCA14	Num	8			FRU0700 - Fruit-based Savory Snack
13	FSCA15	Num	8			VEG0100 - Dark-green Vegetables
14	FSCA16	Num	8			VEG0200 - Deep-yellow Vegetables
15	FSCA17	Num	8			VEG0300 - Tomato
16	FSCA18	Num	8			VEG0400 - White Potatoes
17	FSCA19	Num	8			VEG0800 - Fried Potatoes
18	FSCA20	Num	8			VEG0450 - Other Starchy Vegetables
19	FSCA21	Num	8			VEG0700 - Legumes (cooked dried beans)
20	FSCA22	Num	8			VEG0600 - Other Vegetables
21	FSCA23	Num	8			VEG0900 - Fried Vegetables
22	FSCA24	Num	8			VEG0500 - Vegetable Juice
23	FSCA25	Num	8			FMC0100 - Vegetable-based Savory Snack
24	FSCA26	Num	8			GRW0100 - Grains, Flour and Dry Mixes - Whole Grain
25	FSCA27	Num	8			GRS0100 - Grains, Flour and Dry Mixes - Some Whole Grain
26	FSCA28	Num	8			GRR0100 - Grains, Flour and Dry Mixes - Refined Grain
27	FSCA29	Num	8			GRW0200 - Loaf-type Bread and Plain Rolls - Whole Grain
28	FSCA30	Num	8			GRS0200 - Loaf-type Bread and Plain Rolls - Some Whole Grain
29	FSCA31	Num	8			GRR0200 - Loaf-type Bread and Plain Rolls - Refined Grain
30	FSCA32	Num	8			GRW0300 - Other Breads (quick breads, corn muffins, tortillas) - Whole Grain
31	FSCA33	Num	8			GRS0300 - Other Breads (quick breads, corn muffins, tortillas) - Some Whole Grain
32	FSCA34	Num	8			GRR0300 - Other Breads (quick breads, corn muffins, tortillas) - Refined Grain
33	FSCA35	Num	8			GRW0400 - Crackers - Whole Grain
34	FSCA36	Num	8			GRS0400 - Crackers - Some Whole Grain
35	FSCA37	Num	8			GRR0400 - Crackers - Refined Grain
36	FSCA38	Num	8			GRW0500 - Pasta - Whole Grain

Num	Variable	Type	Len	Format	Informat	Label
37	FSCA39	Num	8			GRS0500 - Pasta - Some Whole Grain
38	FSCA40	Num	8			GRR0500 - Pasta - Refined Grain
39	FSCA41	Num	8			GRW0600 - Ready-to-eat Cereal (not presweetened) - Whole Grain
40	FSCA42	Num	8			GRS0600 - Ready-to-eat Cereal (not presweetened) - Some Whole Grain
41	FSCA43	Num	8			GRR0600 - Ready-to-eat Cereal (not presweetened) - Refined Grain
42	FSCA44	Num	8			GRW0700 - Ready-to-eat Cereal (presweetened) - Whole Grain
43	FSCA45	Num	8			GRS0700 - Ready-to-eat Cereal (presweetened) - Some Whole Grain
44	FSCA46	Num	8			GRR0700 - Ready-to-eat Cereal (presweetened) - Refined Grain
45	FSCA47	Num	8			GRW0800 - Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Whole Grain
46	FSCA48	Num	8			GRS0800 - Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Some Whole Grain
47	FSCA49	Num	8			GRR0800 - Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Refined Grain
48	FSCA50	Num	8			GRW1000 - Snack Bars - Whole Grain
49	FSCA51	Num	8			GRS1000 - Snack Bars - Some Whole Grain
50	FSCA52	Num	8			GRR1000 - Snack Bars - Refined Grain
51	FSCA53	Num	8			GRW0900 - Snack Chips - Whole Grain
52	FSCA54	Num	8			GRS0900 - Snack Chips - Some Whole Grain
53	FSCA55	Num	8			GRR0900 - Snack Chips - Refined Grain
54	FSCA56	Num	8			GRW1100 - Popcorn
55	FSCA57	Num	8			GRW1200 - Flavored Popcorn
56	FSCA58	Num	8			GRR1300 - Baby Food Grain Mixtures – Refined Grain
57	FSCA59	Num	8			MRF0100 - Beef
58	FSCA60	Num	8			MRL0100 - Lean Beef
59	FSCA61	Num	8			MRF0200 - Veal
60	FSCA62	Num	8			MRL0200 - Lean Veal
61	FSCA63	Num	8			MRF0300 - Lamb
62	FSCA64	Num	8			MRL0300 - Lean Lamb
63	FSCA65	Num	8			MRF0400 - Fresh Pork
64	FSCA66	Num	8			MRL0400 - Lean Fresh Pork
65	FSCA67	Num	8			MCF0200 - Cured Pork
66	FSCA68	Num	8			MCL0200 - Lean Cured Pork
67	FSCA69	Num	8			MRF0500 - Game
68	FSCA70	Num	8			MPF0100 - Poultry
69	FSCA71	Num	8			MPL0100 - Lean Poultry
70	FSCA72	Num	8			MPF0200 - Fried Chicken - Commercial Entrée and Fast Food
71	FSCA73	Num	8			MFF0100 - Fish - Fresh and Smoked
72	FSCA74	Num	8			MFL0100 - Lean Fish - Fresh and Smoked
73	FSCA75	Num	8			MFF0200 - Fried Fish - Commercial Entrée and Fast Food

Num	Variable	Type	Len	Format	Informat	Label
74	FSCA76	Num	8			MSL0100 - Shellfish
75	FSCA77	Num	8			MSF0100 - Fried Shellfish - Commercial Entrée and Fast Food
76	FSCA78	Num	8			MCF0100 - Cold Cuts and Sausage
77	FSCA79	Num	8			MCL0100 - Lean Cold Cuts and Sausage
78	FSCA80	Num	8			MOF0100 - Organ Meats
79	FSCA81	Num	8			MOF0200 - Baby Food Meat Mixtures
80	FSCA82	Num	8			FMC0200 - Meat-based Savory Snack
81	FSCA83	Num	8			MOF0300 - Eggs
82	FSCA84	Num	8			MOF0400 - Egg Substitute
83	FSCA85	Num	8			MOF0500 - Nuts and Seeds
84	FSCA86	Num	8			MOF0600 - Nut and Seed Butters
85	FSCA87	Num	8			MOF0700 - Meat Alternatives
86	FSCA88	Num	8			DMF0100 - Milk - Whole
87	FSCA89	Num	8			DMR0100 - Milk - Reduced Fat
88	FSCA90	Num	8			DML0100 - Milk - Low Fat and Fat Free
89	FSCA91	Num	8			DMN0100 - Milk - Nondairy
90	FSCA92	Num	8			DMF0200 - Ready-to-drink Flavored Milk - Whole
91	FSCA93	Num	8			DMR0200 - Ready-to-drink Flavored Milk - Reduced Fat
92	FSCA94	Num	8			DML0200 - Ready-to-drink Flavored Milk - Low Fat and Fat Free
93	FSCA95	Num	8			DML0300 - Sweetened Flavored Milk Beverage Powder with Non-fat Dry Milk
94	FSCA96	Num	8			DML0400 - Artificially Sweetened Flavored Milk Beverage Powder with Non-fat Dry Milk
95	FSCA97	Num	8			SWT0600 - Sweetened Flavored Milk Beverage Powder without Non-fat Dry Milk
96	FSCA98	Num	8			MSC1100 - Artificially Sweetened Flavored Milk Beverage Powder without Non-fat Dry Milk
97	FSCA99	Num	8			DCF0100 - Cheese - Full Fat
98	FSCA100	Num	8			DCR0100 - Cheese - Reduced Fat
99	FSCA101	Num	8			DCL0100 - Cheese - Low Fat and Fat Free
100	FSCA102	Num	8			DCN0100 - Cheese - Nondairy
101	FSCA103	Num	8			DYF0100 - Yogurt - Sweetened Whole Milk
102	FSCA104	Num	8			DYR0100 - Yogurt - Sweetened Low Fat
103	FSCA105	Num	8			DYL0100 - Yogurt - Sweetened Fat Free
104	FSCA106	Num	8			DYF0200 - Yogurt - Artificially Sweetened Whole Milk
105	FSCA107	Num	8			DYR0200 - Yogurt - Artificially Sweetened Low Fat
106	FSCA108	Num	8			DYL0200 - Yogurt - Artificially Sweetened Fat Free
107	FSCA109	Num	8			DYN0100 - Yogurt - Nondairy
108	FSCA110	Num	8			DOT0100 - Frozen Dairy Dessert
109	FSCA111	Num	8			DOT0200 - Frozen Nondairy Dessert
110	FSCA112	Num	8			DOT0300 - Pudding and Other Dairy Dessert

Num	Variable	Type	Len	Format	Informat	Label
111	FSCA113	Num	8			DOT0400 - Artificially Sweetened Pudding and Other Dairy Dessert
112	FSCA114	Num	8			FCF0100 - Cream
113	FSCA115	Num	8			FCR0100 - Cream - Reduced Fat
114	FSCA116	Num	8			FCL0100 - Cream - Low Fat and Fat Free
115	FSCA117	Num	8			FCN0100 - Cream - Nondairy
116	FSCA118	Num	8			DOT0500 - Dairy-based Sweetened Meal Replacement/Supplement
117	FSCA119	Num	8			DOT0600 - Dairy-based Artificially Sweetened Meal Replacement/Supplement
118	FSCA120	Num	8			DOT0700 - Infant Formula
119	FSCA121	Num	8			DOT0800 - Infant Formula - Nondairy
120	FSCA122	Num	8			FMF0100 - Margarine - Regular
121	FSCA123	Num	8			FMR0100 - Margarine - Reduced Fat
122	FSCA124	Num	8			FOF0100 - Oil
123	FSCA125	Num	8			FSF0100 - Shortening
124	FSCA126	Num	8			FAF0100 - Butter and Other Animal Fats - Regular
125	FSCA127	Num	8			FAR0100 - Butter and Other Animal Fats - Reduced Fat
126	FSCA128	Num	8			FDF0100 - Salad Dressing - Regular
127	FSCA129	Num	8			FDR0100 - Salad Dressing - Reduced Fat/Reduced Calorie/Fat Free
128	FSCA130	Num	8			SWT0400 - Sugar
129	FSCA131	Num	8			MSC1200 - Sugar Substitute
130	FSCA132	Num	8			SWT0500 - Syrup, Honey, Jam, Jelly, Preserves
131	FSCA133	Num	8			SWT0700 - Sauces, Sweet - Regular
132	FSCA134	Num	8			SWT0800 - Sauces, Sweet - Reduced Fat/Reduced Calorie/Fat Free
133	FSCA135	Num	8			SWT0100 - Chocolate Candy
134	FSCA136	Num	8			SWT0200 - Non-chocolate Candy
135	FSCA137	Num	8			SWT0300 - Frosting or Glaze
136	FSCA138	Num	8			BVS0400 - Sweetened Soft Drinks
137	FSCA139	Num	8			BVA0400 - Artificially Sweetened Soft Drinks
138	FSCA140	Num	8			BVU0300 - Unsweetened Soft Drinks
139	FSCA141	Num	8			BVS0300 - Sweetened Fruit Drinks
140	FSCA142	Num	8			BVA0300 - Artificially Sweetened Fruit Drinks
141	FSCA143	Num	8			BVS0500 - Sweetened Tea
142	FSCA144	Num	8			BVA0500 - Artificially Sweetened Tea
143	FSCA145	Num	8			BVU0400 - Unsweetened Tea
144	FSCA146	Num	8			BVS0100 - Sweetened Coffee
145	FSCA147	Num	8			BVA0100 - Artificially Sweetened Coffee
146	FSCA148	Num	8			BVU0100 - Unsweetened Coffee
147	FSCA149	Num	8			BVS0200 - Sweetened Coffee Substitutes
148	FSCA150	Num	8			BVA0200 - Artificially Sweetened Coffee Substitutes
149	FSCA151	Num	8			BVU0200 - Unsweetened Coffee Substitutes

Num	Variable	Type	Len	Format	Informat	Label
150	FSCA152	Num	8			BVS0600 - Sweetened Water
151	FSCA153	Num	8			BVA0600 - Artificially Sweetened Water
152	FSCA154	Num	8			BVU0500 - Unsweetened Water
153	FSCA155	Num	8			BVS0700 - Nondairy-based Sweetened Meal Replacement/Supplement
154	FSCA156	Num	8			BVA0700 - Nondairy-based Artificially Sweetened Meal Replacement/Supplement
155	FSCA157	Num	8			BVU0600 - Nondairy-based Unsweetened Meal Replacement/Supplement
156	FSCA158	Num	8			BVO0100 - Non-alcoholic Beer
157	FSCA159	Num	8			BVO0200 - Non-alcoholic Light Beer
158	FSCA160	Num	8			BVE0100 - Beer and Ales
159	FSCA161	Num	8			BVE0400 - Cordial and Liqueur
160	FSCA162	Num	8			BVE0300 - Distilled Liquor
161	FSCA163	Num	8			BVE0200 - Wine
162	FSCA164	Num	8			MSC0100 - Gravy - Regular
163	FSCA165	Num	8			MSC0200 - Gravy - Reduced Fat/Fat Free
164	FSCA166	Num	8			MSC0300 - Sauces and Condiments - Regular
165	FSCA167	Num	8			MSC0400 - Sauces and Condiments - Reduced Fat
166	FSCA168	Num	8			MSC0500 - Pickled Foods
167	FSCA169	Num	8			MSC0600 - Miscellaneous Dessert
168	FSCA170	Num	8			MSC0700 - Non-grain Flour and Similar
169	FSCA171	Num	8			MSC0800 - Soup Broth
170	FSCA172	Num	8			MSC0900 - Baby Food Dessert
171	FSCA173	Num	8			MSC1000 - Miscellaneous Baby Food Mixtures
172	FSCA174	Num	8			GRW1300 - Baby Food Grain Mixtures – Whole Grain
173	FSCA175	Num	8			GRS1300 - Baby Food Grain Mixtures – Some Whole Grain
174	DTIA16	Num	8			Intake Reliability

**Data Set Name: hcea\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	HCEA1	Num	8			Where health care received in past 12 months (HCEA1)
8	HCEA2	Num	8			Health care needed yet not received (HCEA2)
9	HCEA3A	Num	8			Reason health care not received: Couldn't get through telephone (HCEA3A)
10	HCEA3B	Num	8			Reason health care not received: Couldn't get an appoint soon (HCEA3B)
11	HCEA3C	Num	8			Reason health care not received: Wait too long for doctor (HCEA3C)
12	HCEA3D	Num	8			Reason health care not received: Clinic/Doctor office not open (HCEA3D)
13	HCEA3E	Num	8			Reason health care not received: No transportation (HCEA3E)
14	HCEA3F	Num	8			Reason health care not received: No interpreter (HCEA3F)
15	HCEA3G	Num	8			Reason health care not received: Could not take time off work (HCEA3G)
16	HCEA3H	Num	8			Reason health care not received: Legal consequences (HCEA3H)
17	HCEA3I	Num	8			Reason health care not received: Could not leave someone in care alone (HCEA3)
18	HCEA3J	Num	8			Reason health care not received: Could not afford it (HCEA3J)
19	HCEA4A	Num	8			Needed but not afford: Prescription meds (HCEA4A)
20	HCEA4B	Num	8			Needed but not afford: see a doctor (HCEA4B)
21	HCEA4C	Num	8			Needed but not afford: Mental health care (HCEA4C)
22	HCEA4D	Num	8			Needed but not afford: Dental care (HCEA4D)
23	HCEA4E	Num	8			Needed but not afford: Eyeglasses (HCEA4E)
24	HCEA5	Num	8			Physician/HC provider seen in past 12 months (HCEA5)
25	HCEA6A	Num	8			Clinical staff: treat you with courtesy (HCEA6A)
26	HCEA6B	Num	8			Clinical staff: helpful as thought should be (HCEA6B)
27	HCEA7A	Num	8			Clinical staff: listen carefully to you (HCEA7A)
28	HCEA7B	Num	8			Clinical staff: explain things unerstand (HCEA7B)
29	HCEA7C	Num	8			Clinical staff: show respect (HCEA7C)
30	HCEA7D	Num	8			Clinical staff: spend enough time (HCEA7D)
31	HCEA8	Num	8			Hard time speaking with/understanding (HCEA8)
32	HCEA9	Num	8			Alternative Health Care used past 12 months (HCEA9)
33	HCEA10A	Num	8			Health Insurance: None (HCEA10A)
34	HCEA10B	Num	8			Health Insurance: Current/former employer/labor union (HCEA10B)
35	HCEA10C	Num	8			Health Insurance: Individual plan (HCEA10C)
36	HCEA10D	Num	8			Health Insurance: Medicaid(HCEA10D)



Num	Variable	Type	Len	Format	Informat	Label
37	HCEA10E	Num	8			Health Insurance: Medicare(HCEA10E)
38	HCEA10F	Num	8			Health Insurance: Military(HCEA10F)
39	HCEA10G	Num	8			Health Insurance: Indian health services (HCEA10G)
40	HCEA10H	Num	8			Health Insurance: Other (HCEA10H)
41	HCEA10I	Num	8			Health Insurance: Refused (HCEA10I)
42	HCEA10J	Num	8			Health Insurance: Don't know (HCEA10J)
43	HCEA11	Num	8			Time since last had health coverage (HCEA11)
44	HCEA12A	Num	8			Reason stopped HI coverage: Lost/changed employer (HCEA12A)
45	HCEA12B	Num	8			Reason stopped HI coverage: Got divorced/separated (HCEA12B)
46	HCEA12C	Num	8			Reason stopped HI coverage: Became ineligible age/left school (HCEA12C)
47	HCEA12D	Num	8			Reason stopped HI coverage: Employer offers no coverage (HCEA12D)
48	HCEA12E	Num	8			Reason stopped HI coverage: Cost is too high (HCEA12E)
49	HCEA12F	Num	8			Reason stopped HI coverage: coverage stopped after pregnancy (HCEA12F)
50	HCEA12G	Num	8			Reason stopped HI coverage: Lost Medicaid/med plan inc in income (HCEA12G)
51	HCEA12H	Num	8			Reason stopped HI coverage: Lost Medicaid (other) (HCEA12H)
52	HCEA12I	Num	8			Reason stopped HI coverage: Other (HCEA12I)
53	HCEA12J	Num	8			Reason stopped HI coverage: Refused (HCEA12J)
54	HCEA12K	Num	8			Reason stopped HI coverage: Don't Know (HCEA12K)

**Data Set Name: *hceb\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	HCEB1	Num	8			Where did you receive health care?
8	HCEB2	Num	8			Needed but could not get?
9	HCEB3A	Num	8			Couldn't get through on the telephone
10	HCEB3B	Num	8			Couldn't get an app soon enough
11	HCEB3C	Num	8			Had to wait too long
12	HCEB3D	Num	8			Clinic/doctor's office wasn't open
13	HCEB3E	Num	8			Didn't have transportation
14	HCEB3F	Num	8			No access to an interpreter
15	HCEB3G	Num	8			Couldn't take time off from work
16	HCEB3H	Num	8			Concerned about legal consq
17	HCEB3I	Num	8			Taking care of someone
18	HCEB3J	Num	8			Couldn't afford medical care
19	HCEB4A	Num	8			Prescription medications
20	HCEB4B	Num	8			To go to see a doctor
21	HCEB4C	Num	8			Mental health care or counseling
22	HCEB4D	Num	8			Dental care
23	HCEB4E	Num	8			Eyeglasses
24	HCEB5	Num	8			How many times see a physician
25	HCEB6A	Num	8			treat you with courtesy?
26	HCEB6B	Num	8			be helpful?
27	HCEB7A	Num	8			listen carefully to you?
28	HCEB7B	Num	8			explain things?
29	HCEB7C	Num	8			show respect for what you?
30	HCEB7D	Num	8			spend enough time with you?
31	HCEB8	Num	8			How often language diff?
32	HCEB9	Num	8			Curandero, santero, espiritista?
33	HCEB10A	Num	8			Do you have health insurance?
34	HCEB10B	Num	8			Employer or labor union
35	HCEB10C	Num	8			Individual plan
36	HCEB10D	Num	8			Medicaid

Num	Variable	Type	Len	Format	Informat	Label
37	HCEB10E	Num	8			Medicare
38	HCEB10F	Num	8			Military
39	HCEB10G	Num	8			Indian Health Services
40	HCEB10H	Num	8			Other coverage
41	HCEB10I	Num	8			Refused type of coverage
42	HCEB10J	Num	8			Don't know type of coverage
43	HCEB11	Num	8			Last had coverage?
44	HCEB12A	Num	8			Lost or changed jobs
45	HCEB12B	Num	8			Divorced or separated/death
46	HCEB12C	Num	8			Ineligible because of age/left school
47	HCEB12D	Num	8			Employer doesn't offer coverage
48	HCEB12E	Num	8			Cost is too high
49	HCEB12F	Num	8			Stopped after pregnancy
50	HCEB12G	Num	8			Lost plan bc new job
51	HCEB12H	Num	8			Lost Medicaid (other reason)
52	HCEB12I	Num	8			Other reason lost coverage
53	HCEB12J	Num	8			Refused stop coverage
54	HCEB12K	Num	8			Don't Know end of coverage

**Data Set Name: heea\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	HEEA1	Num	8			Hearing Loss (self-reported) (HEEA1)
8	HEEA2	Num	8			Better Ear (HEEA2)
9	HEEA3	Num	8			Sudden or Gradual Hearing Loss (HEEA3)
10	HEEA4	Num	8			Age of Hearing Loss (HEEA4)
11	HEEA5	Num	8			Heard buzzing, ringing, or noise (HEEA5)
12	HEEA6	Num	8			Noise more than 5 minutes (HEEA6)
13	HEEA7	Num	8			Noise only after loud sounds (HEEA7)
14	HEEA8	Num	8			Problems going to sleep b/c of noise (HEEA8)
15	HEEA9	Num	8			How often noise heard past 12 months (HEEA9)
16	HEEA10	Num	8			
17	HEEA11	Num	8			Last time hearing tested (HEEA11)
18	HEEA12	Num	8			Ear Surgery (HEEA12)
19	HEEA13	Num	8			Type of ear surgery (HEEA13)
20	HEEA14	Num	8			Tubes in Ears - Ever (HEEA14)
21	HEEA15	Num	8			
22	HEEA16	Num	8			Acoustic Neuroma (HEEA16)
23	HEEA17	Num	8			Cholesteatoma (HEEA17)
24	HEEA18	Num	8			Meniere's Disease (HEEA18)
25	HEEA19	Num	8			Otosclerosis (HEEA19)
26	HEEA20	Num	8			Cold, Sinus Problem, Earache last 24 hrs (HEEA20)
27	HEEA21	Num	8			Loud headphone Use last 24 hrs (HEEA21)
28	HEEA22	Num	8			Other Loud Noise Exposure last 24 hrs (HEEA22)

**Data Set Name: *hhea\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	HHEA1	Num	8			Hearing Description - No aid (HHEA1)
8	HHEA2	Num	8			Age 65 or Older (HHEA2)
9	HHEA3	Num	8			Embarassed meeting new people (age < 65) (HHEA3)
10	HHEA4	Num	8			Frustrated talking to family (age < 65) (HHEA4)
11	HHEA5	Num	8			Understanding Coworkers/clients/customers (age < 65) (HHEA5)
12	HHEA6	Num	8			Feel Handicapped (age < 65) (HHEA6)
13	HHEA7	Num	8			Visiting friends/relatives/neighbors (age < 65) (HHEA7)
14	HHEA8	Num	8			Movies/Theater (age < 65) (HHEA8)
15	HHEA9	Num	8			Cause Arguments with family members (age < 65) (HHEA9)
16	HHEA10	Num	8			Listening to TV/Radio (age < 65) (HHEA10)
17	HHEA11	Num	8			Limits/hampers Personal/Social Life (age < 65) (HHEA11)
18	HHEA12	Num	8			In Restaurant w/ Family/friends (age < 65) (HHEA12)
19	HHEA13	Num	8			Embarassed meeting new people (age 65+) (HHEA13)
20	HHEA14	Num	8			Frustrated talking to family (age 65+) (HHEA14)
21	HHEA15	Num	8			Speaks in Whisper (age 65+) (HHEA15)
22	HHEA16	Num	8			Feel Handicapped (age 65+) (HHEA16)
23	HHEA17	Num	8			Visiting friends/relatives/neighbors (age 65+) (HHEA17)
24	HHEA18	Num	8			Attend religious services less often (age 65+) (HHEA18)
25	HHEA19	Num	8			Cause Arguments with family members (age < 65) (HHEA19)
26	HHEA20	Num	8			Listening to TV/Radio (age 65+) (HHEA20)
27	HHEA21	Num	8			Limits/hampers Personal/Social Life (age 65+) (HHEA21)
28	HHEA22	Num	8			In Restaurant w/ Family/friends (age 65+) (HHEA22)
29	HHEA23	Num	8			Worn hearing aid - ever (HHEA23)
30	HHEA24	Num	8			Worn hearing aid - past 12 months (HHEA24)
31	HHEA25	Num	8			Hearing aid use - how long (HHEA25)
32	HHEA26	Num	8			Hearing aid use - how often (HHEA26)
33	HHEA27	Num	8			Military Service - ever (HHEA27)
34	HHEA28	Num	8			Military Service - How long (HHEA28)
35	HHEA29	Num	8			Military Service - Hearing protection use (HHEA29)
36	HHEA30	Num	8			Gun use - non-military (HHEA30)

Num	Variable	Type	Len	Format	Informat	Label
37	HHEA31	Num	8			Gun Use - Days used in past year (HHEA31)
38	HHEA32	Num	8			Loud Noise Exposure - Ever (HHEA32)
39	HHEA33	Num	8			Loud Noise Exposure - Worn Hearing protection (HHEA33)
40	HHEA34	Num	8			Earphone Use - in last 7 days (HHEA34)
41	HHEA35	Num	8			Earphone Use - hours in last 7 days (HHEA35)

**Data Set Name: i24a\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	RECALLNUM	Num	8			First or Second dietary recall
3	INGID	Char	9			Ingredient File ID
4	I24A5	Char	8	\$8.	\$8.	Dietary Supplement Report Item Number
5	I24A6	Char	12	\$12.	\$12.	DSAM Ingredient ID
6	I24A7	Char	230	\$230.	\$230.	Ingredient Name
7	I24A8	Num	8			Daily Intake
8	I24A9	Char	30	\$30.	\$30.	Unit
9	I24A10	Num	8			NHANES Ingredient Category
10	I24A11	Char	1	\$1.	\$1.	Black Cohosh
11	I24A12	Char	1	\$1.	\$1.	Echinacea
12	I24A13	Char	1	\$1.	\$1.	Garlic
13	I24A14	Char	1	\$1.	\$1.	Ginger
14	I24A15	Char	1	\$1.	\$1.	Ginkgo
15	I24A16	Char	1	\$1.	\$1.	Ginseng
16	I24A17	Char	1	\$1.	\$1.	Hawthorn
17	I24A18	Char	1	\$1.	\$1.	Kava Kava
18	I24A19	Char	1	\$1.	\$1.	Ma Huang/Ephedra
19	I24A20	Char	1	\$1.	\$1.	Saw Palmetto
20	I24A21	Char	1	\$1.	\$1.	St. John's Wort
21	I24A22	Num	8			Energy (kcal)
22	I24A23	Num	8			Total Protein (g)
23	I24A24	Num	8			Total Fat (g)
24	I24A25	Num	8			Total Carbohydrate (g)
25	I24A26	Num	8			Total Saturated Fatty Acids (SFA) (g)
26	I24A27	Num	8			Total Monounsaturated Fatty Acids (MUFA) (g)
27	I24A28	Num	8			Total Polyunsaturated Fatty Acids (PUFA) (g)
28	I24A29	Num	8			Omega-3 Fatty Acids in Supplements (mg)
29	I24A30	Num	8			Cholesterol (mg)
30	I24A31	Num	8			SFA 8:0 (caprylic acid) (g)
31	I24A32	Num	8			SFA 10:0 (capric acid) (g)
32	I24A33	Num	8			SFA 12:0 (lauric acid) (g)
33	I24A34	Num	8			SFA 14:0 (myristic acid) (g)
34	I24A35	Num	8			SFA 16:0 (palmitic acid) (g)
35	I24A36	Num	8			SFA 18:0 (stearic acid) (g)
36	I24A37	Num	8			SFA 20:0 (arachidic acid) (g)

Num	Variable	Type	Len	Format	Informat	Label
37	I24A38	Num	8			SFA 22:0 (behenic acid) (g)
38	I24A39	Num	8			MUFA 16:1 (palmitoleic acid) (g)
39	I24A40	Num	8			MUFA 18:1 (oleic acid) (g)
40	I24A41	Num	8			MUFA 20:1 (gadoleic acid) (g)
41	I24A42	Num	8			PUFA 18:2 (linoleic acid) (g)
42	I24A43	Num	8			PUFA 18:3 (linolenic acid) (g)
43	I24A44	Num	8			PUFA 20:4 (arachidonic acid) (g)
44	I24A45	Num	8			PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
45	I24A46	Num	8			PUFA 22:6 (docosahexaenoic acid [DHA]) (g)
46	I24A47	Num	8			Total Vitamin A Activity (International Units) (IU)
47	I24A48	Num	8			Retinol (mcg)
48	I24A49	Num	8			Vitamin D (calciferol) (mcg)
49	I24A50	Num	8			Vitamin E (International Units) (IU)
50	I24A51	Num	8			Vitamin E (Total Alpha-Tocopherol) (mg)
51	I24A52	Num	8			Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl-alpha-tocopherol) (mg)
52	I24A53	Num	8			Beta-Tocopherol (mg)
53	I24A54	Num	8			Delta-Tocopherol (mg)
54	I24A55	Num	8			Gamma-Tocopherol (mg)
55	I24A56	Num	8			Vitamin K (phylloquinone) (mcg)
56	I24A57	Num	8			Vitamin C (ascorbic acid) (mg)
57	I24A58	Num	8			Thiamin (vitamin B1) (mg)
58	I24A59	Num	8			Riboflavin (vitamin B2) (mg)
59	I24A60	Num	8			Niacin (vitamin B3) (mg)
60	I24A61	Num	8			Pantothenic Acid (mg)
61	I24A62	Num	8			Vitamin B-6 (pyridoxine, pyridoxyl, & pyridoxamine) (mg)
62	I24A63	Num	8			Synthetic Folate (folic acid) (mcg)
63	I24A64	Num	8			Vitamin B-12 (cobalamin) (mcg)
64	I24A65	Num	8			Biotin (mcg)
65	I24A66	Num	8			Beta-Carotene (provitamin A carotenoid) (mcg)
66	I24A67	Num	8			Alpha-Carotene (provitamin A carotenoid) (mcg)
67	I24A68	Num	8			Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
68	I24A69	Num	8			Lutein and/or Zeaxanthin (mcg)
69	I24A70	Num	8			Lycopene (mcg)
70	I24A72	Num	8			Boron (mcg)
71	I24A73	Num	8			Calcium (mg)
72	I24A74	Num	8			Chromium (mcg)
73	I24A75	Num	8			Copper (mg)
74	I24A76	Num	8			Fluoride (mcg)



Num	Variable	Type	Len	Format	Informat	Label
75	I24A77	Num	8			Iodine (mcg)
76	I24A78	Num	8			Iron (mg)
77	I24A79	Num	8			Magnesium (mg)
78	I24A80	Num	8			Manganese (mg)
79	I24A81	Num	8			Molybdenum (mcg)
80	I24A82	Num	8			Nickel (mcg)
81	I24A83	Num	8			Phosphorus (mg)
82	I24A84	Num	8			Potassium (mg)
83	I24A85	Num	8			Selenium (mcg)
84	I24A86	Num	8			Silicon (mg)
85	I24A87	Num	8			Sodium (mg)
86	I24A88	Num	8			Vanadium (mcg)
87	I24A89	Num	8			Zinc (mg)
88	I24A90	Num	8			Tryptophan (g)
89	I24A91	Num	8			Threonine (g)
90	I24A92	Num	8			Isoleucine (g)
91	I24A93	Num	8			Leucine (g)
92	I24A94	Num	8			Lysine (g)
93	I24A95	Num	8			Methionine (g)
94	I24A96	Num	8			Cystine (g)
95	I24A97	Num	8			Phenylalanine (g)
96	I24A98	Num	8			Tyrosine (g)
97	I24A99	Num	8			Valine (g)
98	I24A100	Num	8			Arginine (g)
99	I24A101	Num	8			Histidine (g)
100	I24A102	Num	8			Alanine (g)
101	I24A103	Num	8			Aspartic Acid (g)
102	I24A104	Num	8			Glutamic Acid (g)
103	I24A105	Num	8			Glycine (g)
104	I24A106	Num	8			Proline (g)
105	I24A107	Num	8			Serine (g)
106	I24A108	Num	8			Daidzein (mg)
107	I24A109	Num	8			Genistein (mg)
108	I24A110	Num	8			Glycitein (mg)
109	I24A111	Num	8			Total Dietary Fiber (g)
110	I24A112	Num	8			Soluble Dietary Fiber (g)
111	I24A113	Num	8			Insoluble Dietary Fiber (g)
112	I24A114	Num	8			Betaine (mg)
113	I24A115	Num	8			Choline (mg)

Num	Variable	Type	Len	Format	Informat	Label
114	I24A116	Num	8			Caffeine (mg)
115	I24A117	Num	8			Fructose (g)
116	I24A118	Num	8			Glucose (g)
117	I24A119	Num	8			Sucrose (g)
118	I24A120	Num	8			Inositol (g)
119	I24A121	Num	8			Mannitol (g)
120	I24A122	Num	8			Phytic Acid (mg)
121	I24A123	Num	8			Pinitol (g)
122	I24A124	Num	8			Sorbitol (g)
123	I24A125	Num	8			Xylitol (g)
124	I24A126	Num	8			PUFA 22:5 (docosapentaenoic acid [DPA]) (g)
125	I24A127	Num	8			CLA cis-9, trans-11 (g)
126	I24A128	Num	8			CLA trans-10, cis-12 (g)
127	I24A129	Num	8			MUFA 14:1 (myristoleic acid) (g)
128	DTIA16	Num	8			Intake Reliability

**Data Set Name: *i30a\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	INGID	Char	9			Ingredient File ID
3	I30A5	Char	8	\$8.	\$8.	Dietary Supplement Report Item Number
4	I30A6	Char	12	\$12.	\$12.	DSAM Ingredient ID
5	I30A7	Char	230	\$230.	\$230.	Ingredient Name
6	I30A8	Num	8			Daily Intake
7	I30A9	Char	30	\$30.	\$30.	Unit
8	I30A10	Num	8			NHANES Ingredient Category
9	I30A11	Char	1	\$1.	\$1.	Black Cohosh
10	I30A12	Char	1	\$1.	\$1.	Echinacea
11	I30A13	Char	1	\$1.	\$1.	Garlic
12	I30A14	Char	1	\$1.	\$1.	Ginger
13	I30A15	Char	1	\$1.	\$1.	Ginkgo
14	I30A16	Char	1	\$1.	\$1.	Ginseng
15	I30A17	Char	1	\$1.	\$1.	Hawthorn
16	I30A18	Char	1	\$1.	\$1.	Kava Kava
17	I30A19	Char	1	\$1.	\$1.	Ma Huang/Ephedra
18	I30A20	Char	1	\$1.	\$1.	Saw Palmetto
19	I30A21	Char	1	\$1.	\$1.	St. John's Wort
20	I30A22	Num	8			Energy (kcal)
21	I30A23	Num	8			Total Protein (g)
22	I30A24	Num	8			Total Fat (g)
23	I30A25	Num	8			Total Carbohydrate (g)
24	I30A26	Num	8			Total Saturated Fatty Acids (SFA) (g)
25	I30A27	Num	8			Total Monounsaturated Fatty Acids (MUFA) (g)
26	I30A28	Num	8			Total Polyunsaturated Fatty Acids (PUFA) (g)
27	I30A29	Num	8			Omega-3 Fatty Acids in Supplements (mg)
28	I30A30	Num	8			Cholesterol (mg)
29	I30A31	Num	8			SFA 8:0 (caprylic acid) (g)
30	I30A32	Num	8			SFA 10:0 (capric acid) (g)
31	I30A33	Num	8			SFA 12:0 (lauric acid) (g)
32	I30A34	Num	8			SFA 14:0 (myristic acid) (g)
33	I30A35	Num	8			SFA 16:0 (palmitic acid) (g)
34	I30A36	Num	8			SFA 18:0 (stearic acid) (g)
35	I30A37	Num	8			SFA 20:0 (arachidic acid) (g)
36	I30A38	Num	8			SFA 22:0 (behenic acid) (g)

Num	Variable	Type	Len	Format	Informat	Label
37	I30A39	Num	8			MUFA 16:1 (palmitoleic acid) (g)
38	I30A40	Num	8			MUFA 18:1 (oleic acid) (g)
39	I30A41	Num	8			MUFA 20:1 (gadoleic acid) (g)
40	I30A42	Num	8			PUFA 18:2 (linoleic acid) (g)
41	I30A43	Num	8			PUFA 18:3 (linolenic acid) (g)
42	I30A44	Num	8			PUFA 20:4 (arachidonic acid) (g)
43	I30A45	Num	8			PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
44	I30A46	Num	8			PUFA 22:6 (docosahexaenoic acid [DHA]) (g)
45	I30A47	Num	8			Total Vitamin A Activity (International Units) (IU)
46	I30A48	Num	8			Retinol (mcg)
47	I30A49	Num	8			Vitamin D (calciferol) (mcg)
48	I30A50	Num	8			Vitamin E (International Units) (IU)
49	I30A51	Num	8			Vitamin E (Total Alpha-Tocopherol) (mg)
50	I30A52	Num	8			Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl-alpha-tocopherol) (mg)
51	I30A53	Num	8			Beta-Tocopherol (mg)
52	I30A54	Num	8			Delta-Tocopherol (mg)
53	I30A55	Num	8			Gamma-Tocopherol (mg)
54	I30A56	Num	8			Vitamin K (phylloquinone) (mcg)
55	I30A57	Num	8			Vitamin C (ascorbic acid) (mg)
56	I30A58	Num	8			Thiamin (vitamin B1) (mg)
57	I30A59	Num	8			Riboflavin (vitamin B2) (mg)
58	I30A60	Num	8			Niacin (vitamin B3) (mg)
59	I30A61	Num	8			Pantothenic Acid (mg)
60	I30A62	Num	8			Vitamin B-6 (pyridoxine, pyridoxyl, & pyridoxamine) (mg)
61	I30A63	Num	8			Synthetic Folate (folic acid) (mcg)
62	I30A64	Num	8			Vitamin B-12 (cobalamin) (mcg)
63	I30A65	Num	8			Biotin (mcg)
64	I30A66	Num	8			Beta-Carotene (provitamin A carotenoid) (mcg)
65	I30A67	Num	8			Alpha-Carotene (provitamin A carotenoid) (mcg)
66	I30A68	Num	8			Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
67	I30A69	Num	8			Lutein and/or Zeaxanthin (mcg)
68	I30A70	Num	8			Lycopene (mcg)
69	I30A72	Num	8			Boron (mcg)
70	I30A73	Num	8			Calcium (mg)
71	I30A74	Num	8			Chromium (mcg)
72	I30A75	Num	8			Copper (mg)
73	I30A76	Num	8			Fluoride (mcg)
74	I30A77	Num	8			Iodine (mcg)
75	I30A78	Num	8			Iron (mg)

Num	Variable	Type	Len	Format	Informat	Label
76	I30A79	Num	8			Magnesium (mg)
77	I30A80	Num	8			Manganese (mg)
78	I30A81	Num	8			Molybdenum (mcg)
79	I30A82	Num	8			Nickel (mcg)
80	I30A83	Num	8			Phosphorus (mg)
81	I30A84	Num	8			Potassium (mg)
82	I30A85	Num	8			Selenium (mcg)
83	I30A86	Num	8			Silicon (mg)
84	I30A87	Num	8			Sodium (mg)
85	I30A88	Num	8			Vanadium (mcg)
86	I30A89	Num	8			Zinc (mg)
87	I30A90	Num	8			Tryptophan (g)
88	I30A91	Num	8			Threonine (g)
89	I30A92	Num	8			Isoleucine (g)
90	I30A93	Num	8			Leucine (g)
91	I30A94	Num	8			Lysine (g)
92	I30A95	Num	8			Methionine (g)
93	I30A96	Num	8			Cystine (g)
94	I30A97	Num	8			Phenylalanine (g)
95	I30A98	Num	8			Tyrosine (g)
96	I30A99	Num	8			Valine (g)
97	I30A100	Num	8			Arginine (g)
98	I30A101	Num	8			Histidine (g)
99	I30A102	Num	8			Alanine (g)
100	I30A103	Num	8			Aspartic Acid (g)
101	I30A104	Num	8			Glutamic Acid (g)
102	I30A105	Num	8			Glycine (g)
103	I30A106	Num	8			Proline (g)
104	I30A107	Num	8			Serine (g)
105	I30A108	Num	8			Daidzein (mg)
106	I30A109	Num	8			Genistein (mg)
107	I30A110	Num	8			Glycitein (mg)
108	I30A111	Num	8			Total Dietary Fiber (g)
109	I30A112	Num	8			Soluble Dietary Fiber (g)
110	I30A113	Num	8			Insoluble Dietary Fiber (g)
111	I30A114	Num	8			Betaine (mg)
112	I30A115	Num	8			Choline (mg)
113	I30A116	Num	8			Caffeine (mg)
114	I30A117	Num	8			Fructose (g)

Num	Variable	Type	Len	Format	Informat	Label
115	I30A118	Num	8			Glucose (g)
116	I30A119	Num	8			Sucrose (g)
117	I30A120	Num	8			Inositol (g)
118	I30A121	Num	8			Mannitol (g)
119	I30A122	Num	8			Phytic Acid (mg)
120	I30A123	Num	8			Pinitol (g)
121	I30A124	Num	8			Sorbitol (g)
122	I30A125	Num	8			Xylitol (g)
123	I30A126	Num	8			PUFA 22:5 (docosapentaenoic acid [DPA]) (g)
124	I30A127	Num	8			CLA cis-9, trans-11 (g)
125	I30A128	Num	8			CLA trans-10, cis-12 (g)
126	I30A129	Num	8			MUFA 14:1 (myristoleic acid) (g)
127	SMIA17	Num	8			Intake Reliability

**Data Set Name:** *inua\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	RECALLNUM	Num	8			First or second dietary recall
3	COMPID	Char	12			Component file ID
4	INUA5	Char	12	\$12.	\$12.	Foods Report Item Number
5	INUA6	Char	230	\$230.	\$230.	Food Name
6	INUA7	Char	12	\$12.	\$12.	Food ID
7	INUA8	Num	8			Gram Amount of Food
8	INUA9	Num	8			FDA Serving Size (Grams)
9	INUA10	Num	8			NCC Database Food Group ID
10	INUA11	Num	8			Energy (kcal)
11	INUA12	Num	8			Total Fat (g)
12	INUA13	Num	8			Total Carbohydrate (g)
13	INUA14	Num	8			Total Protein (g)
14	INUA15	Num	8			Animal Protein (g)
15	INUA16	Num	8			Vegetable Protein (g)
16	INUA17	Num	8			Alcohol (g)
17	INUA18	Num	8			Cholesterol (mg)
18	INUA19	Num	8			Total Saturated Fatty Acids (SFA) (g)
19	INUA20	Num	8			Total Monounsaturated Fatty Acids (MUFA) (g)
20	INUA21	Num	8			Total Polyunsaturated Fatty Acids (PUFA) (g)
21	INUA22	Num	8			Fructose (g)
22	INUA23	Num	8			Galactose (g)
23	INUA24	Num	8			Glucose (g)
24	INUA25	Num	8			Lactose (g)
25	INUA26	Num	8			Maltose (g)
26	INUA27	Num	8			Sucrose (g)
27	INUA28	Num	8			Starch (g)
28	INUA29	Num	8			Total Dietary Fiber (g)
29	INUA30	Num	8			Soluble Dietary Fiber (g)
30	INUA31	Num	8			Insoluble Dietary Fiber (g)
31	INUA32	Num	8			Pectins (g)
32	INUA33	Num	8			Total Vitamin A Activity (International Units) (IU)
33	INUA34	Num	8			Beta-Carotene Equivalents (derived from provitamin A carotenoids) (mcg)
34	INUA35	Num	8			Retinol (mcg)
35	INUA36	Num	8			Vitamin D (calciferol) (mcg)
36	INUA37	Num	8			Total Alpha-Tocopherol Equivalents (mg)

Num	Variable	Type	Len	Format	Informat	Label
37	INUA38	Num	8			Vitamin E (Total Alpha-Tocopherol) (mg)
38	INUA39	Num	8			Beta-Tocopherol (mg)
39	INUA40	Num	8			Gamma-Tocopherol (mg)
40	INUA41	Num	8			Delta-Tocopherol (mg)
41	INUA42	Num	8			Vitamin K (phylloquinone) (mcg)
42	INUA43	Num	8			Vitamin C (ascorbic acid) (mg)
43	INUA44	Num	8			Thiamin (vitamin B1) (mg)
44	INUA45	Num	8			Riboflavin (vitamin B2) (mg)
45	INUA46	Num	8			Niacin (vitamin B3) (mg)
46	INUA47	Num	8			Pantothenic Acid (mg)
47	INUA48	Num	8			Vitamin B-6 (pyridoxine, pyridoxyl, & pyridoxamine) (mg)
48	INUA49	Num	8			Total Folate (mcg)
49	INUA50	Num	8			Vitamin B-12 (cobalamin) (mcg)
50	INUA51	Num	8			Calcium (mg)
51	INUA52	Num	8			Phosphorus (mg)
52	INUA53	Num	8			Magnesium (mg)
53	INUA54	Num	8			Iron (mg)
54	INUA55	Num	8			Zinc (mg)
55	INUA56	Num	8			Copper (mg)
56	INUA57	Num	8			Selenium (mcg)
57	INUA58	Num	8			Sodium (mg)
58	INUA59	Num	8			Potassium (mg)
59	INUA60	Num	8			SFA 4:0 (butyric acid) (g)
60	INUA61	Num	8			SFA 6:0 (caproic acid) (g)
61	INUA62	Num	8			SFA 8:0 (caprylic acid) (g)
62	INUA63	Num	8			SFA 10:0 (capric acid) (g)
63	INUA64	Num	8			SFA 12:0 (lauric acid) (g)
64	INUA65	Num	8			SFA 14:0 (myristic acid) (g)
65	INUA66	Num	8			SFA 16:0 (palmitic acid) (g)
66	INUA67	Num	8			SFA 17:0 (margaric acid) (g)
67	INUA68	Num	8			SFA 18:0 (stearic acid) (g)
68	INUA69	Num	8			SFA 20:0 (arachidic acid) (g)
69	INUA70	Num	8			SFA 22:0 (behenic acid) (g)
70	INUA71	Num	8			MUFA 14:1 (myristoleic acid) (g)
71	INUA72	Num	8			MUFA 16:1 (palmitoleic acid) (g)
72	INUA73	Num	8			MUFA 18:1 (oleic acid) (g)
73	INUA74	Num	8			MUFA 20:1 (gadoleic acid) (g)
74	INUA75	Num	8			MUFA 22:1 (erucic acid) (g)
75	INUA76	Num	8			PUFA 18:2 (linoleic acid) (g)



Num	Variable	Type	Len	Format	Informat	Label
76	INUA77	Num	8			PUFA 18:3 (linolenic acid) (g)
77	INUA78	Num	8			PUFA 18:4 (parinaric acid) (g)
78	INUA79	Num	8			PUFA 20:4 (arachidonic acid) (g)
79	INUA80	Num	8			PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
80	INUA81	Num	8			PUFA 22:5 (docosapentaenoic acid [DPA]) (g)
81	INUA82	Num	8			PUFA 22:6 (docosahexaenoic acid [DHA]) (g)
82	INUA83	Num	8			Tryptophan (g)
83	INUA84	Num	8			Threonine (g)
84	INUA85	Num	8			Isoleucine (g)
85	INUA86	Num	8			Leucine (g)
86	INUA87	Num	8			Lysine (g)
87	INUA88	Num	8			Methionine (g)
88	INUA89	Num	8			Cystine (g)
89	INUA90	Num	8			Phenylalanine (g)
90	INUA91	Num	8			Tyrosine (g)
91	INUA92	Num	8			Valine (g)
92	INUA93	Num	8			Arginine (g)
93	INUA94	Num	8			Histidine (g)
94	INUA95	Num	8			Alanine (g)
95	INUA96	Num	8			Aspartic Acid (g)
96	INUA97	Num	8			Glutamic Acid (g)
97	INUA98	Num	8			Glycine (g)
98	INUA99	Num	8			Proline (g)
99	INUA100	Num	8			Serine (g)
100	INUA101	Num	8			Aspartame (mg)
101	INUA102	Num	8			Saccharin (mg)
102	INUA103	Num	8			Caffeine (mg)
103	INUA104	Num	8			Phytic Acid (mg)
104	INUA105	Num	8			Oxalic Acid (mg)
105	INUA106	Num	8			3-Methylhistidine (mg)
106	INUA107	Num	8			Sucrose Polyester (g)
107	INUA108	Num	8			Ash (g)
108	INUA109	Num	8			Water (g)
109	INUA110	Num	8			% Calories from Fat
110	INUA111	Num	8			% Calories from Carbohydrate
111	INUA112	Num	8			% Calories from Protein
112	INUA113	Num	8			% Calories from Alcohol
113	INUA114	Num	8			% Calories from SFA
114	INUA115	Num	8			% Calories from MUFA

Num	Variable	Type	Len	Format	Informat	Label
115	INUA116	Num	8			% Calories from PUFA
116	INUA117	Num	8			Polyunsaturated to Saturated Fat Ratio
117	INUA118	Num	8			Cholesterol to Saturated Fatty Acid Index
118	INUA119	Num	8			Total Vitamin A Activity (Retinol Equivalents) (mcg)
119	INUA120	Num	8			TRANS 18:1 (trans-octadecenoic acid [elaidic acid]) (g)
120	INUA121	Num	8			TRANS 18:2 (trans-octadecadienoic acid [linolelaidic acid]; incl. c-t, t-c, t-t) (g)
121	INUA122	Num	8			TRANS 16:1 (trans-hexadecenoic acid) (g)
122	INUA123	Num	8			Total Trans-Fatty Acids (TRANS) (g)
123	INUA124	Num	8			User Nutrient 1 (mg)
124	INUA125	Num	8			User Nutrient 2 (mg)
125	INUA126	Num	8			User Nutrient 3 (mg)
126	INUA127	Num	8			User Nutrient 4 (mg)
127	INUA128	Num	8			User Nutrient 5 (mg)
128	INUA129	Num	8			User Nutrient 6 (mg)
129	INUA130	Num	8			User Nutrient 7 (mg)
130	INUA131	Num	8			User Nutrient 8 (mg)
131	INUA132	Num	8			User Nutrient 9 (mg)
132	INUA133	Num	8			User Nutrient 10 (mg)
133	INUA134	Char	254	\$254.	\$254.	Food Detail Notes
134	INUA135	Num	8			Beta-Carotene (provitamin A carotenoid) (mcg)
135	INUA136	Num	8			Alpha-Carotene (provitamin A carotenoid) (mcg)
136	INUA137	Num	8			Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
137	INUA138	Num	8			Lutein + Zeaxanthin (mcg)
138	INUA139	Num	8			Lycopene (mcg)
139	INUA140	Num	8			Dietary Folate Equivalents (mcg)
140	INUA141	Num	8			Natural Folate (food folate) (mcg)
141	INUA142	Num	8			Synthetic Folate (folic acid) (mcg)
142	INUA146	Num	8			User Nutrient 11 (mg)
143	INUA147	Num	8			User Nutrient 12 (mg)
144	INUA148	Num	8			User Nutrient 13 (mg)
145	INUA149	Num	8			User Nutrient 14 (mg)
146	INUA150	Num	8			User Nutrient 15 (mg)
147	INUA151	Num	8			User Nutrient 16 (mg)
148	INUA152	Num	8			User Nutrient 17 (mg)
149	INUA153	Num	8			User Nutrient 18 (mg)
150	INUA154	Num	8			User Nutrient 19 (mg)
151	INUA155	Num	8			User Nutrient 20 (mg)
152	INUA156	Num	8			Total Vitamin A Activity (Retinol Activity Equivalents) (mcg)
153	INUA157	Num	8			Energy (kj)

Num	Variable	Type	Len	Format	Informat	Label
154	INUA158	Num	8			Niacin Equivalents (mg)
155	INUA159	Num	8			Total Sugars (g)
156	INUA160	Num	8			Omega-3 Fatty Acids (g)
157	INUA161	Num	8			Manganese (mg)
158	INUA162	Num	8			Vitamin E (International Units) (IU)
159	INUA163	Num	8			Natural Alpha-Tocopherol (RRR-alpha-tocopherol or d-alpha-tocopherol) (mg)
160	INUA164	Num	8			Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl-alpha-tocopherol) (mg)
161	INUA165	Num	8			Daidzein (mg)
162	INUA166	Num	8			Genistein (mg)
163	INUA167	Num	8			Glycitein (mg)
164	INUA168	Num	8			Coumestrol (mg)
165	INUA169	Num	8			Biochanin A (mg)
166	INUA170	Num	8			Formononetin (mg)
167	INUA171	Char	12	\$12.	\$12.	Preparation Ingredient Flag
168	INUA175	Num	8			Added Sugars (g)
169	INUA176	Num	8			Acesulfame Potassium (mg)
170	INUA177	Num	8			Sucralose (mg)
171	INUA178	Num	8			Available Carbohydrate (g)
172	INUA179	Num	8			Glycemic Index (glucose reference)
173	INUA180	Num	8			Glycemic Index (bread reference)
174	INUA181	Num	8			Glycemic Load (glucose reference)
175	INUA182	Num	8			Glycemic Load (bread reference)
176	INUA183	Num	8			Choline (mg)
177	INUA184	Num	8			Betaine (mg)
178	INUA185	Num	8			Erythritol (g)
179	INUA186	Num	8			Inositol (g)
180	INUA187	Num	8			Isomalt (g)
181	INUA188	Num	8			Lactitol (g)
182	INUA189	Num	8			Maltitol (g)
183	INUA190	Num	8			Mannitol (g)
184	INUA191	Num	8			Pinitol (g)
185	INUA192	Num	8			Sorbitol (g)
186	INUA193	Num	8			Xylitol (g)
187	INUA194	Num	8			Nitrogen (g)
188	INUA195	Num	8			Total Conjugated Linoleic Acid (CLA 18:2) (g)
189	INUA196	Num	8			CLA cis-9, trans-11 (g)
190	INUA197	Num	8			CLA trans-10, cis-12 (g)
191	INUA198	Num	8			Tagatose (mg)

Num	Variable	Type	Len	Format	Informat	Label
192	INUA199	Num	8			Vitamin D2 (ergocalciferol) (mcg)
193	INUA200	Num	8			Vitamin D3 (cholecalciferol) (mcg)
194	DTIA16	Num	8			Intake Reliability

**Data Set Name: *laba\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	LABA35	Char	12	\$12.	\$12.	RBC Morphology (LABA35)
5	LABA36	Char	12	\$12.	\$12.	Anisocytosis (LABA36)
6	LABA37	Char	12	\$12.	\$12.	Poikilocytosis (LABA37)
7	LABA38	Char	12	\$12.	\$12.	Polychromasia (LABA38)
8	LABA39	Char	12	\$12.	\$12.	Helmet Cells (LABA39)
9	LABA40	Char	12	\$12.	\$12.	Spherocytes (LABA40)
10	LABA41	Char	12	\$12.	\$12.	RBC Fragments (LABA41)
11	LABA42	Char	12	\$12.	\$12.	Bite Cells (LABA42)
12	LABA43	Char	12	\$12.	\$12.	Sickle Cells (LABA43)
13	LABA44	Char	12	\$12.	\$12.	Teardrop Cells (LABA44)
14	LABA45	Char	12	\$12.	\$12.	Acanthocytes (LABA45)
15	LABA46	Char	12	\$12.	\$12.	Ovalocytes (LABA46)
16	LABA47	Char	12	\$12.	\$12.	Elliptocytes (LABA47)
17	LABA48	Char	12	\$12.	\$12.	Stomatocytes (LABA48)
18	LABA49	Char	12	\$12.	\$12.	Burr Cells (LABA49)
19	LABA50	Char	12	\$12.	\$12.	Target Cells (LABA50)
20	LABA51	Char	12	\$12.	\$12.	Microcytes (LABA51)
21	LABA52	Char	12	\$12.	\$12.	Macrocytes (LABA52)
22	LABA53	Char	12	\$12.	\$12.	Reactive Lymphocytes (LABA53)
23	LABA54	Char	12	\$12.	\$12.	Atypical Lymphocytes (LABA54)
24	LABA55	Char	12	\$12.	\$12.	Hypochromasia (LABA55)
25	LABA56	Char	12	\$12.	\$12.	Basophilic Stipling (LABA56)
26	LABA57	Char	12	\$12.	\$12.	Howell Jolly Bodies (LABA57)
27	LABA58	Char	12	\$12.	\$12.	Papenheimer Bodies (LABA58)
28	LABA59	Char	12	\$12.	\$12.	Rouleaux (LABA59)
29	LABA60	Char	12	\$12.	\$12.	Pelger Huet Anomaly (LABA60)
30	LABA61	Char	12	\$12.	\$12.	Auer Rods (LABA61)
31	LABA62	Char	12	\$12.	\$12.	Dohle Bodies (LABA62)
32	LABA63	Char	12	\$12.	\$12.	Hypersegmented Neutrophils (LABA63)
33	LABA64	Char	12	\$12.	\$12.	Smudge Cells (LABA64)
34	LABA65	Char	12	\$12.	\$12.	Toxic Granulation (LABA65)
35	LABA85	Char	12	\$12.	\$12.	Hepatitis A serology (Hep A Total Antibody) (LABA85)
36	LABA86	Char	12	\$12.	\$12.	Hepatitis B "serology" (Hep B surface antigen) (LABA86)

Num	Variable	Type	Len	Format	Informat	Label
37	LABA87	Char	12	\$12.	\$12.	Hepatitis C serology (Hep C Antibody) (LABA87)
38	LABA92	Char	12	\$12.	\$12.	Hepatitis B Core Antibody (LABA92)
39	LABA93	Char	12	\$12.	\$12.	Hepatitis B Surface Antibody (LABA93)
40	LABA95	Char	12	\$12.	\$12.	HCVABC - Hepatitis C Recombinant Immunoblot Assay (RIBA) (LABA95)
41	VISIT	Num	8			
42	FSEQNO	Num	8			
43	LINENUMBER	Num	8			
44	LABA1	Num	8			White Blood Count (x10e9) (LABA1)
45	LABA2	Num	8			Red Blood Count (x10e12) (LABA2)
46	LABA3	Num	8			Hemoglobin (g/dL) (LABA3)
47	LABA4	Num	8			% Hematocrit (LABA4)
48	LABA5	Num	8			Mean Corpuscular Volume (fl) (LABA5)
49	LABA6	Num	8			Mean Corpuscular Hemoglobin (pg) (LABA6)
50	LABA7	Num	8			Mean Corpuscular Hemoglobin Concentration (g/dL)(LABA7)
51	LABA8	Num	8			% Red Cell Distribution Width (LABA8)
52	LABA9	Num	8			Platelet Count (x10e9) (LABA9)
53	LABA10	Num	8			% Neutrophils (LABA10)
54	LABA11	Num	8			% Lymphocytes (LABA11)
55	LABA12	Num	8			% Monocytes (LABA12)
56	LABA13	Num	8			% Eosiniphils (LABA13)
57	LABA14	Num	8			% Basophils (LABA14)
58	LABA15	Num	8			% Bands (LABA15)
59	LABA16	Num	8			% Metamyelocytes (LABA16)
60	LABA17	Num	8			% Myelocytes (LABA17)
61	LABA18	Num	8			% Promyelocytes (LABA18)
62	LABA19	Num	8			% Blasts (LABA19)
63	LABA20	Num	8			% Plasma Cells (LABA20)
64	LABA21	Num	8			% Other Cells (LABA21)
65	LABA22	Num	8			Nucleated Red Blood Cells (/100)(LABA22)
66	LABA23	Num	8			Neutrophil Count (x10e9)(LABA23)
67	LABA24	Num	8			Lymphocyte Count (x10e9) (LABA24)
68	LABA25	Num	8			Monocyte Count (x10e9) (LABA25)
69	LABA26	Num	8			Eosinophil Count (x10e9) (LABA26)
70	LABA27	Num	8			Basophil Count (x10e9) (LABA27)
71	LABA28	Num	8			Band Count (x10e9) (LABA28)
72	LABA29	Num	8			Metamyelocyte Count (x10e9) (LABA29)
73	LABA30	Num	8			Myelocyte Count (x10e9) (LABA30)
74	LABA31	Num	8			Promyelocyte Count (x10e9) (LABA31)
75	LABA32	Num	8			Blast Count (x10e9) (LABA32)

Num	Variable	Type	Len	Format	Informat	Label
76	LABA33	Num	8			Plasma Cell Count (x10e9) (LABA33)
77	LABA34	Num	8			Other Cell Count (x10e9) (LABA34)
78	LABA66	Num	8			Total cholesterol (mg/dL) (LABA66)
79	LABA68	Num	8			HDL-cholesterol (mg/dL) (LABA68)
80	LABA70	Num	8			Glucose, fasting (mg/dL) (LABA70)
81	LABA71	Num	8			Glucose, post OGTT (mg/dL) (LABA71)
82	LABA72	Num	8			% Glycosylated Hemoglobin (LABA72)
83	LABA74	Num	8			Alanine aminotransferase (U/L) (LABA74)
84	LABA75	Num	8			Aspartate aminotransferase (U/L) (LABA75)
85	LABA76	Num	8			Creatinine (mg/dL) (LABA76)
86	LABA79	Num	8			Urine creatinine, random (mg/dL) (LABA79)
87	LABA80	Num	8			Urine microalbumin, random (mg/dL) (LABA80)
88	LABA81	Num	8			Albumin/creatinine ratio (mg/g) (LABA81)
89	LABA82	Num	8			Iron (ug/dL) (LABA82)
90	LABA83	Num	8			Total Iron Bindind Capacity (TIBC) (ug/dL) (LABA83)
91	LABA84	Num	8			% Transferrin saturation (LABA84)
92	LABA88	Num	8			Hepatitis C RNA (IU/mL) (LABA88)
93	LABA89	Num	8			Hepatitis C RNA (log IU/mL) (LABA89)
94	LABA91	Num	8			High-sensitivity C-Reactive Protein (mg/L) (LABA91)
95	LABA94	Num	8			HCVABX - Hepatitis C antibody index (LABA94)
96	LABA99	Num	8			Immature Granulocytes (%) (LABA99)
97	LABA100	Num	8			Absolute Immature Granulocytes (x10e9) (LABA100)
98	LABA101	Num	8			Cystatin C (mg/L) (LABA101)
99	LABA102	Num	8			GGT (U/L) (LABA102)
100	LABA103	Num	8			Ferritin (ug/L) (LABA103)
101	LABA67	Num	8			Triglycerides (mg/dL) (LABA67)
102	LABA69	Num	8			LDL-cholesterol (mg/dL) (LABA69)
103	LABA73_ERR	Num	8			LABA73 (contains Mercodia assay, corrected as LABA73_CALIB)
104	LABA90_ERR	Num	8			LABA90 (contains Mercodia assay, corrected as LABA90_CALIB)

**Data Set Name: meoa\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	RECALLNUM	Num	8			First or second dietary recall
3	MEALID	Num	8			Index of meal
4	MEOA5	Num	8	TIME5.		Meal Time
5	MEOA6	Num	8			Meal Name
6	MEOA7	Num	8			Meal Location
7	MEOA8	Num	8			Total Grams
8	MEOA9	Num	8			Energy (kcal)
9	MEOA10	Num	8			Total Fat (g)
10	MEOA11	Num	8			Total Carbohydrate (g)
11	MEOA12	Num	8			Total Protein (g)
12	MEOA13	Num	8			Animal Protein (g)
13	MEOA14	Num	8			Vegetable Protein (g)
14	MEOA15	Num	8			Alcohol (g)
15	MEOA16	Num	8			Cholesterol (mg)
16	MEOA17	Num	8			Total Saturated Fatty Acids (SFA) (g)
17	MEOA18	Num	8			Total Monounsaturated Fatty Acids (MUFA) (g)
18	MEOA19	Num	8			Total Polyunsaturated Fatty Acids (PUFA) (g)
19	MEOA20	Num	8			Fructose (g)
20	MEOA21	Num	8			Galactose (g)
21	MEOA22	Num	8			Glucose (g)
22	MEOA23	Num	8			Lactose (g)
23	MEOA24	Num	8			Maltose (g)
24	MEOA25	Num	8			Sucrose (g)
25	MEOA26	Num	8			Starch (g)
26	MEOA27	Num	8			Total Dietary Fiber (g)
27	MEOA28	Num	8			Soluble Dietary Fiber (g)
28	MEOA29	Num	8			Insoluble Dietary Fiber (g)
29	MEOA30	Num	8			Pectins (g)
30	MEOA31	Num	8			Total Vitamin A Activity (International Units) (IU)
31	MEOA32	Num	8			Beta-Carotene Equivalents (derived from provitamin A carotenoids) (mcg)
32	MEOA33	Num	8			Retinol (mcg)
33	MEOA34	Num	8			Vitamin D (calciferol) (mcg)
34	MEOA35	Num	8			Total Alpha-Tocopherol Equivalents (mg)
35	MEOA36	Num	8			Vitamin E (Total Alpha-Tocopherol) (mg)
36	MEOA37	Num	8			Beta-Tocopherol (mg)



Num	Variable	Type	Len	Format	Informat	Label
37	MEOA38	Num	8			Gamma-Tocopherol (mg)
38	MEOA39	Num	8			Delta-Tocopherol (mg)
39	MEOA40	Num	8			Vitamin K (phylloquinone) (mcg)
40	MEOA41	Num	8			Vitamin C (ascorbic acid) (mg)
41	MEOA42	Num	8			Thiamin (vitamin B1) (mg)
42	MEOA43	Num	8			Riboflavin (vitamin B2) (mg)
43	MEOA44	Num	8			Niacin (vitamin B3) (mg)
44	MEOA45	Num	8			Pantothenic Acid (mg)
45	MEOA46	Num	8			Vitamin B-6 (pyridoxine, pyridoxyl, & pyridoxamine) (mg)
46	MEOA47	Num	8			Total Folate (mcg)
47	MEOA48	Num	8			Vitamin B-12 (cobalamin) (mcg)
48	MEOA49	Num	8			Calcium (mg)
49	MEOA50	Num	8			Phosphorus (mg)
50	MEOA51	Num	8			Magnesium (mg)
51	MEOA52	Num	8			Iron (mg)
52	MEOA53	Num	8			Zinc (mg)
53	MEOA54	Num	8			Copper (mg)
54	MEOA55	Num	8			Selenium (mcg)
55	MEOA56	Num	8			Sodium (mg)
56	MEOA57	Num	8			Potassium (mg)
57	MEOA58	Num	8			SFA 4:0 (butyric acid) (g)
58	MEOA59	Num	8			SFA 6:0 (caproic acid) (g)
59	MEOA60	Num	8			SFA 8:0 (caprylic acid) (g)
60	MEOA61	Num	8			SFA 10:0 (capric acid) (g)
61	MEOA62	Num	8			SFA 12:0 (lauric acid) (g)
62	MEOA63	Num	8			SFA 14:0 (myristic acid) (g)
63	MEOA64	Num	8			SFA 16:0 (palmitic acid) (g)
64	MEOA65	Num	8			SFA 17:0 (margaric acid) (g)
65	MEOA66	Num	8			SFA 18:0 (stearic acid) (g)
66	MEOA67	Num	8			SFA 20:0 (arachidic acid) (g)
67	MEOA68	Num	8			SFA 22:0 (behenic acid) (g)
68	MEOA69	Num	8			MUFA 14:1 (myristoleic acid) (g)
69	MEOA70	Num	8			MUFA 16:1 (palmitoleic acid) (g)
70	MEOA71	Num	8			MUFA 18:1 (oleic acid) (g)
71	MEOA72	Num	8			MUFA 20:1 (gadoleic acid) (g)
72	MEOA73	Num	8			MUFA 22:1 (erucic acid) (g)
73	MEOA74	Num	8			PUFA 18:2 (linoleic acid) (g)
74	MEOA75	Num	8			PUFA 18:3 (linolenic acid) (g)
75	MEOA76	Num	8			PUFA 18:4 (parinaric acid) (g)

Num	Variable	Type	Len	Format	Informat	Label
76	MEOA77	Num	8			PUFA 20:4 (arachidonic acid) (g)
77	MEOA78	Num	8			PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
78	MEOA79	Num	8			PUFA 22:5 (docosapentaenoic acid [DPA]) (g)
79	MEOA80	Num	8			PUFA 22:6 (docosahexaenoic acid [DHA]) (g)
80	MEOA81	Num	8			Tryptophan (g)
81	MEOA82	Num	8			Threonine (g)
82	MEOA83	Num	8			Isoleucine (g)
83	MEOA84	Num	8			Leucine (g)
84	MEOA85	Num	8			Lysine (g)
85	MEOA86	Num	8			Methionine (g)
86	MEOA87	Num	8			Cystine (g)
87	MEOA88	Num	8			Phenylalanine (g)
88	MEOA89	Num	8			Tyrosine (g)
89	MEOA90	Num	8			Valine (g)
90	MEOA91	Num	8			Arginine (g)
91	MEOA92	Num	8			Histidine (g)
92	MEOA93	Num	8			Alanine (g)
93	MEOA94	Num	8			Aspartic Acid (g)
94	MEOA95	Num	8			Glutamic Acid (g)
95	MEOA96	Num	8			Glycine (g)
96	MEOA97	Num	8			Proline (g)
97	MEOA98	Num	8			Serine (g)
98	MEOA99	Num	8			Aspartame (mg)
99	MEOA100	Num	8			Saccharin (mg)
100	MEOA101	Num	8			Caffeine (mg)
101	MEOA102	Num	8			Phytic Acid (mg)
102	MEOA103	Num	8			Oxalic Acid (mg)
103	MEOA104	Num	8			3-Methylhistidine (mg)
104	MEOA105	Num	8			Sucrose Polyester (g)
105	MEOA106	Num	8			Ash (g)
106	MEOA107	Num	8			Water (g)
107	MEOA108	Num	8			% Calories from Fat
108	MEOA109	Num	8			% Calories from Carbohydrate
109	MEOA110	Num	8			% Calories from Protein
110	MEOA111	Num	8			% Calories from Alcohol
111	MEOA112	Num	8			% Calories from SFA
112	MEOA113	Num	8			% Calories from MUFA
113	MEOA114	Num	8			% Calories from PUFA
114	MEOA115	Num	8			Polyunsaturated to Saturated Fat Ratio

Num	Variable	Type	Len	Format	Informat	Label
115	MEOA116	Num	8			Cholesterol to Saturated Fatty Acid Index
116	MEOA117	Num	8			Total Vitamin A Activity (Retinol Equivalents) (mcg)
117	MEOA118	Num	8			TRANS 18:1 (trans-octadecenoic acid [elaidic acid]) (g)
118	MEOA119	Num	8			TRANS 18:2 (trans-octadecadienoic acid [linolelaidic acid]; incl. c-t, t-c, t-t) (g)
119	MEOA120	Num	8			TRANS 16:1 (trans-hexadecenoic acid) (g)
120	MEOA121	Num	8			Total Trans-Fatty Acids (TRANS) (g)
121	MEOA122	Num	8			User Nutrient 1 (mg)
122	MEOA123	Num	8			User Nutrient 2 (mg)
123	MEOA124	Num	8			User Nutrient 3 (mg)
124	MEOA125	Num	8			User Nutrient 4 (mg)
125	MEOA126	Num	8			User Nutrient 5 (mg)
126	MEOA127	Num	8			User Nutrient 6 (mg)
127	MEOA128	Num	8			User Nutrient 7 (mg)
128	MEOA129	Num	8			User Nutrient 8 (mg)
129	MEOA130	Num	8			User Nutrient 9 (mg)
130	MEOA131	Num	8			User Nutrient 10 (mg)
131	MEOA133	Num	8			Beta-Carotene (provitamin A carotenoid) (mcg)
132	MEOA134	Num	8			Alpha-Carotene (provitamin A carotenoid) (mcg)
133	MEOA135	Num	8			Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
134	MEOA136	Num	8			Lutein + Zeaxanthin (mcg)
135	MEOA137	Num	8			Lycopene (mcg)
136	MEOA138	Num	8			Dietary Folate Equivalents (mcg)
137	MEOA139	Num	8			Natural Folate (food folate) (mcg)
138	MEOA140	Num	8			Synthetic Folate (folic acid) (mcg)
139	MEOA144	Num	8			User Nutrient 11 (mg)
140	MEOA145	Num	8			User Nutrient 12 (mg)
141	MEOA146	Num	8			User Nutrient 13 (mg)
142	MEOA147	Num	8			User Nutrient 14 (mg)
143	MEOA148	Num	8			User Nutrient 15 (mg)
144	MEOA149	Num	8			User Nutrient 16 (mg)
145	MEOA150	Num	8			User Nutrient 17 (mg)
146	MEOA151	Num	8			User Nutrient 18 (mg)
147	MEOA152	Num	8			User Nutrient 19 (mg)
148	MEOA153	Num	8			User Nutrient 20 (mg)
149	MEOA154	Num	8			Total Vitamin A Activity (Retinol Activity Equivalents) (mcg)
150	MEOA155	Num	8			Energy (kj)
151	MEOA156	Num	8			Niacin Equivalents (mg)
152	MEOA157	Num	8			Total Sugars (g)
153	MEOA158	Num	8			Omega-3 Fatty Acids (g)

Num	Variable	Type	Len	Format	Informat	Label
154	MEOA159	Num	8			Manganese (mg)
155	MEOA160	Num	8			Vitamin E (International Units) (IU)
156	MEOA161	Num	8			Natural Alpha-Tocopherol (RRR-alpha-tocopherol or d-alpha-tocopherol) (mg)
157	MEOA162	Num	8			Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl-alpha-tocopherol) (mg)
158	MEOA163	Num	8			Daidzein (mg)
159	MEOA164	Num	8			Genistein (mg)
160	MEOA165	Num	8			Glycitein (mg)
161	MEOA166	Num	8			Coumestrol (mg)
162	MEOA167	Num	8			Biochanin A (mg)
163	MEOA168	Num	8			Formononetin (mg)
164	MEOA173	Num	8			Added Sugars (g)
165	MEOA174	Num	8			Acesulfame Potassium (mg)
166	MEOA175	Num	8			Sucralose (mg)
167	MEOA176	Num	8			Available Carbohydrate (g)
168	MEOA177	Num	8			Glycemic Index (glucose reference)
169	MEOA178	Num	8			Glycemic Index (bread reference)
170	MEOA179	Num	8			Glycemic Load (glucose reference)
171	MEOA180	Num	8			Glycemic Load (bread reference)
172	MEOA181	Num	8			Choline (mg)
173	MEOA182	Num	8			Betaine (mg)
174	MEOA183	Num	8			Erythritol (g)
175	MEOA184	Num	8			Inositol (g)
176	MEOA185	Num	8			Isomalt (g)
177	MEOA186	Num	8			Lactitol (g)
178	MEOA187	Num	8			Maltitol (g)
179	MEOA188	Num	8			Mannitol (g)
180	MEOA189	Num	8			Pinitol (g)
181	MEOA190	Num	8			Sorbitol (g)
182	MEOA191	Num	8			Xylitol (g)
183	MEOA192	Num	8			Nitrogen (g)
184	MEOA193	Num	8			Total Conjugated Linoleic Acid (CLA 18:2) (g)
185	MEOA194	Num	8			CLA cis-9, trans-11 (g)
186	MEOA195	Num	8			CLA trans-10, cis-12 (g)
187	MEOA196	Num	8			Tagatose (mg)
188	MEOA197	Num	8			Vitamin D2 (ergocalciferol) (mcg)
189	MEOA198	Num	8			Vitamin D3 (cholecalciferol) (mcg)
190	FORM	Char	3	\$3.	\$3.	FORM
191	VERS	Char	1	\$1.	\$1.	VERS

Num	Variable	Type	Len	Format	Informat	Label
192	DTIA16	Num	8			Intake Reliability

**Data Set Name: mhea\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	MHEA1	Num	8			HBP/Hypertension - Self (MHEA1)
8	MHEA1A	Num	8			HBP/Hyperten - Self while pregnant (MHEA1A)
9	MHEA1B	Num	8			HBP/Hypertension - Mother (MHEA1B)
10	MHEA1C	Num	8			HBP/Hypertension - Father (MHEA1C)
11	MHEA1D	Num	8			HBP/Hypertension - Sibling (MHEA1D)
12	MHEA2	Num	8			High Blood Cholesterol - Self (MHEA2)
13	MHEA2A	Num	8			High Blood Cholesterol - Mother (MHEA2A)
14	MHEA2B	Num	8			High Blood Cholesterol - Father (MHEA2B)
15	MHEA2C	Num	8			High Blood Cholesterol - Sibling (MHEA2C)
16	MHEA3	Num	8			Angina - Self (MHEA3)
17	MHEA3A	Num	8			Angina - Age (MHEA3A)
18	MHEA3B	Num	8			Angina - Mother (MHEA3B)
19	MHEA3C	Num	8			Angina - Father (MHEA3C)
20	MHEA3D	Num	8			Angina - Sibling (MHEA3D)
21	MHEA4	Num	8			Heart Attack - Self (MHEA4)
22	MHEA4A	Num	8			Heart Attack - Age Self (MHEA4A)
23	MHEA4B1	Num	8			Heart Attack - Mother (MHEA4B1)
24	MHEA4C1	Num	8			Heart Attack - Father (MHEA4C1)
25	MHEA4D1	Num	8			Heart Attack - Sibling (MHEA4D1)
26	MHEA5	Num	8			Heart Failure - Self (MHEA5)
27	MHEA5A	Num	8			Heart Failure - Mother (MHEA5A)
28	MHEA5B	Num	8			Heart Failure - Father (MHEA5B)
29	MHEA5C	Num	8			Heart Failure - Sibling (MHEA5C)
30	MHEA6	Num	8			Rheu HD - Self (MHEA6)
31	MHEA6A	Num	8			Rheu HD - Mother (MHEA6A)
32	MHEA6B	Num	8			Rheu HD - Father (MHEA6B)
33	MHEA6C	Num	8			Rheumatic HD - Sibling (MHEA6C)
34	MHEA7	Num	8			Atrial Fibrillation - Self (MHEA7)
35	MHEA8	Num	8			Other heart problem - Self (MHEA8)
36	MHEA9	Num	8			Angioplasty/bypass - Self (MHEA9)

Num	Variable	Type	Len	Format	Informat	Label
37	MHEA9A	Num	8			Angiop/bypass - Mother (MHEA9A)
38	MHEA9B	Num	8			Angiop/bypass - Father (MHEA9B)
39	MHEA9C	Num	8			Angiop/bypass - Sibling (MHEA9C)
40	MHEA10	Num	8			Stroke - Self (MHEA10)
41	MHEA10A	Num	8			Stroke - Mother (MHEA10A)
42	MHEA10B	Num	8			Stroke - Father (MHEA10B)
43	MHEA10C	Num	8			Stroke - Sibling (MHEA10C)
44	MHEA11	Num	8			Mini-Stroke/TIA - Self (MHEA11)
45	MHEA12	Num	8			Angiop/surgery art of neck (MHEA12)
46	MHEA13	Num	8			Aortic Aneurism/AAA - Self (MHEA13)
47	MHEA13A	Num	8			Aortic Aneurism/AAA - Mother (MHEA13A)
48	MHEA13B	Num	8			Aortic Aneurism/AAA - Father (MHEA13B)
49	MHEA13C	Num	8			Aortic Aneurism/AAA - Sibling (MHEA13C)
50	MHEA14	Num	8			PAD - Self (MHEA14)
51	MHEA15	Num	8			Med Procedure to treat PAD (MHEA15)
52	MHEA15A	Num	8			PAD - Mother (MHEA15A)
53	MHEA15B	Num	8			PAD - Father (MHEA15B)
54	MHEA15C	Num	8			PAD - Sibling (MHEA15C)
55	MHEA16	Num	8			Diabetes - Self (MHEA16)
56	MHEA16A	Num	8			Diabetes - Age Diagnosed Self (MHEA16A)
57	MHEA16B	Num	8			Diabetes - Pregnancy Self (MHEA16B)
58	MHEA16C	Num	8			Diabetes - Insulin TrtSelf (MHEA16C)
59	MHEA16D	Num	8			Diabetes - Insulin Trt for Diab Self (MHEA16D)
60	MHEA16E	Num	8			Diabetes - Mother (MHEA16E)
61	MHEA16F	Num	8			Diabetes - Father (MHEA16F)
62	MHEA16G	Num	8			Diabetese - Sibling (MHEA16G)
63	MHEA17	Num	8			Kidney Problems - Self (MHEA17)
64	MHEA18	Num	8			Liver Disease - Self (MHEA18)
65	MHEA18A	Num	8			Hepatitis - Self (MHEA18A)
66	MHEA18B	Num	8			Hepatitis Tyoe - Self (MHEA18B)
67	MHEA18C	Num	8			Cirrhosis - Self (MHEA18C)
68	MHEA18D	Num	8			Other Liver Disease - Self (MHEA18D)
69	MHEA19	Num	8			Heartburn/similar chest pain (MHEA19)
70	MHEA19A	Num	8			How often Heartburn/similar chest pain (MHEA19A)
71	MHEA20	Num	8			Acid regurg (MHEA20)
72	MHEA20A	Num	8			How often Acid regurg (MHEA20A)
73	MHEA21	Num	8			Migraine - Self (MHEA21)
74	MHEA21A	Num	8			Migraine - Mother (MHEA21A)
75	MHEA21B	Num	8			Migraine - Father (MHEA21B)

Num	Variable	Type	Len	Format	Informat	Label
76	MHEA21C	Num	8			MIgraine - Brother(s) or Sister(s) (MHEA21C)
77	MHEA22	Num	8			Clot in leg/lung req thinners - Self (MHEA22)
78	MHEA23	Num	8			Pain swell of jts lim act (MHEA23)
79	MHEA23A	Num	8			Pain swell of jts - Mother (MHEA23A)
80	MHEA23B	Num	8			Pain swell of jts - Father (MHEA23B)
81	MHEA23C	Num	8			Pain swell of jts - Sibling (MHEA23C)
82	MHEA24	Num	8			Sleep Disorder - Self (MHEA24)
83	MHEA25A	Num	8			Insomnia - Self (MHEA25A)
84	MHEA25B	Num	8			Restless Legs - Self (MHEA25B)
85	MHEA25C	Num	8			Narcolepsy - Self (MHEA25C)
86	MHEA25D	Num	8			Apnea - Self (MHEA25D)
87	MHEA25D1	Num	8			Apnea - CPAP/BPAP/Other (MHEA25D1)
88	MHEA25E	Num	8			Other Sleep Disorder - Self (MHEA25E)
89	MHEA26	Num	8			Cancer/Malignant Tumor - Self (MHEA26)
90	MHEA26A1	Num	8			Cancer/ Lung - Self (MHEA26A1)
91	MHEA26A2	Num	8			Cancer/ Breast - Self (MHEA26A2)
92	MHEA26A3	Num	8			Cancer/ Cervical - Self (MHEA26A3)
93	MHEA26A4	Num	8			Cancer/ Blood/lymph glands - Self (MHEA26A4)
94	MHEA26A5	Num	8			Cancer/ Testes/scrotum - Self (MHEA26A5)
95	MHEA26A6	Num	8			Cancer/ Bone - Self (MHEA26A6)
96	MHEA26A7	Num	8			Cancer/ Melanoma - Self (MHEA26A7)
97	MHEA26A8	Num	8			Cancer/ Skin (not mel) - Self (MHEA26A8)
98	MHEA26A9	Num	8			Cancer/ Brain - Self (MHEA26A9)
99	MHEA26A10	Num	8			Cancer/ Stomach - Self (MHEA26A10)
100	MHEA26A11	Num	8			Cancer/ Colon - Self (MHEA26A11)
101	MHEA26A12	Num	8			Cancer/ Uterine - Self (MHEA26A12)
102	MHEA26A13	Num	8			Cancer/ Prostate - Self (MHEA26A13)
103	MHEA26A14	Num	8			Cancer/ Liver - Self (MHEA26A14)
104	MHEA26A15	Num	8			Cancer/ Other - Self (MHEA26A15)
105	MHEA26B	Num	8			Cancer/Malig Tumor - Mother (MHEA26B)
106	MHEA26C	Num	8			Cancer/Malig Tumor - Father (MHEA26C)
107	MHEA26D	Num	8			Cancer/Malig Tumor - Sibling (MHEA26D)
108	MHEA27	Num	8			Age Menses Began (MHEA27)
109	MHEA28	Num	8			Currently Have Menstrual Periods (MHEA28)
110	MHEA29	Num	8			Ever Had Hysterectomy (MHEA29)
111	MHEA30	Num	8			Age at hysterectomy Surgery (MHEA30)
112	MHEA31	Num	8			Menopause Reached (MHEA31)
113	MHEA32	Num	8			Age Menopause Reached (MHEA32)
114	MHEA33	Num	8			Currently Pregnant (MHEA33)



Num	Variable	Type	Len	Format	Informat	Label
115	MHEA4B2	Num	8			Heart Attack - Age Mother (MHEA4B2)
116	MHEA4C2	Num	8			Heart Attack - Age Father (MHEA4C2)
117	MHEA4D2	Num	8			Heart Attack - Age Sibling (MHEA4D2)
118	MHEA34	Num	8			Ever been pregnant (MHEA34)
119	MHEA35	Num	8			Number of times pregnant (MHEA35)
120	MHEA36	Num	8			Number of Live Births (MHEA36)
121	MHEA37	Num	8			Birth Control Medication (MHEA37)
122	MHEA38	Num	8			Fem Hor Med (NOT BC) (MHEA38)
123	MHEA39	Num	8			Fem horm taken to supl nat horm (MHEA39)

**Data Set Name: msca\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	RECALLNUM	Num	8			First or second dietary recall
3	MEALID	Num	8			Index of meal
4	MSCA5	Num	8	TIME5.		Meal Time
5	MSCA6	Num	8			Meal Name
6	MSCA7	Num	8			Meal Location
7	MSCA8	Num	8			FRU0100 Citrus Juice
8	MSCA9	Num	8			FRU0200 Fruit Juice excluding Citrus Juice
9	MSCA10	Num	8			FRU0300 Citrus Fruit
10	MSCA11	Num	8			FRU0400 Fruit excluding Citrus Fruit
11	MSCA12	Num	8			FRU0500 Avocado and Similar
12	MSCA13	Num	8			FRU0600 Fried Fruits
13	MSCA14	Num	8			FRU0700 Fruit-based Savory Snack
14	MSCA15	Num	8			VEG0100 Dark-green Vegetables
15	MSCA16	Num	8			VEG0200 Deep-yellow Vegetables
16	MSCA17	Num	8			VEG0300 Tomato
17	MSCA18	Num	8			VEG0400 White Potatoes
18	MSCA19	Num	8			VEG0800 Fried Potatoes
19	MSCA20	Num	8			VEG0450 Other Starchy Vegetables
20	MSCA21	Num	8			VEG0700 Legumes (cooked dried beans)
21	MSCA22	Num	8			VEG0600 Other Vegetables
22	MSCA23	Num	8			VEG0900 Fried Vegetables
23	MSCA24	Num	8			VEG0500 Vegetable Juice
24	MSCA25	Num	8			FMC0100 Vegetable-based Savory Snack
25	MSCA26	Num	8			GRW0100 Grains, Flour and Dry Mixes - Whole Grain
26	MSCA27	Num	8			GRS0100 Grains, Flour and Dry Mixes - Some Whole Grain
27	MSCA28	Num	8			GRR0100 Grains, Flour and Dry Mixes - Refined Grain
28	MSCA29	Num	8			GRW0200 Loaf-type Bread and Plain Rolls - Whole Grain
29	MSCA30	Num	8			GRS0200 Loaf-type Bread and Plain Rolls - Some Whole Grain
30	MSCA31	Num	8			GRR0200 Loaf-type Bread and Plain Rolls - Refined Grain
31	MSCA32	Num	8			GRW0300 Other Breads (quick breads, corn muffins, tortillas) - Whole Grain
32	MSCA33	Num	8			GRS0300 Other Breads (quick breads, corn muffins, tortillas) - Some Whole Grain
33	MSCA34	Num	8			GRR0300 Other Breads (quick breads, corn muffins, tortillas) - Refined Grain
34	MSCA35	Num	8			GRW0400 Crackers - Whole Grain
35	MSCA36	Num	8			GRS0400 Crackers - Some Whole Grain
36	MSCA37	Num	8			GRR0400 Crackers - Refined Grain

Num	Variable	Type	Len	Format	Informat	Label
37	MSCA38	Num	8			GRW0500 Pasta - Whole Grain
38	MSCA39	Num	8			GRS0500 Pasta - Some Whole Grain
39	MSCA40	Num	8			GRR0500 Pasta - Refined Grain
40	MSCA41	Num	8			GRW0600 Ready-to-eat Cereal (not presweetened) - Whole Grain
41	MSCA42	Num	8			GRS0600 Ready-to-eat Cereal (not presweetened) - Some Whole Grain
42	MSCA43	Num	8			GRR0600 Ready-to-eat Cereal (not presweetened) - Refined Grain
43	MSCA44	Num	8			GRW0700 Ready-to-eat Cereal (presweetened) - Whole Grain
44	MSCA45	Num	8			GRS0700 Ready-to-eat Cereal (presweetened) - Some Whole Grain
45	MSCA46	Num	8			GRR0700 Ready-to-eat Cereal (presweetened) - Refined Grain
46	MSCA47	Num	8			GRW0800 Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Whole Grain
47	MSCA48	Num	8			GRS0800 Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Some Whole Grain
48	MSCA49	Num	8			GRR0800 Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Refined Grain
49	MSCA50	Num	8			GRW1000 Snack Bars - Whole Grain
50	MSCA51	Num	8			GRS1000 Snack Bars - Some Whole Grain
51	MSCA52	Num	8			GRR1000 Snack Bars - Refined Grain
52	MSCA53	Num	8			GRW0900 Snack Chips - Whole Grain
53	MSCA54	Num	8			GRS0900 Snack Chips - Some Whole Grain
54	MSCA55	Num	8			GRR0900 Snack Chips - Refined Grain
55	MSCA56	Num	8			GRW1100 Popcorn
56	MSCA57	Num	8			GRW1200 Flavored Popcorn
57	MSCA58	Num	8			GRR1300 Baby Food Grain Mixtures – Refined Grain
58	MSCA59	Num	8			MRF0100 Beef
59	MSCA60	Num	8			MRL0100 Lean Beef
60	MSCA61	Num	8			MRF0200 Veal
61	MSCA62	Num	8			MRL0200 Lean Veal
62	MSCA63	Num	8			MRF0300 Lamb
63	MSCA64	Num	8			MRL0300 Lean Lamb
64	MSCA65	Num	8			MRF0400 Fresh Pork
65	MSCA66	Num	8			MRL0400 Lean Fresh Pork
66	MSCA67	Num	8			MCF0200 Cured Pork
67	MSCA68	Num	8			MCL0200 Lean Cured Pork
68	MSCA69	Num	8			MRF0500 Game
69	MSCA70	Num	8			MPF0100 Poultry
70	MSCA71	Num	8			MPL0100 Lean Poultry
71	MSCA72	Num	8			MPF0200 Fried Chicken - Commercial Entrée and Fast Food
72	MSCA73	Num	8			MFF0100 Fish - Fresh and Smoked
73	MSCA74	Num	8			MFL0100 Lean Fish - Fresh and Smoked

Num	Variable	Type	Len	Format	Informat	Label
74	MSCA75	Num	8			MFF0200 Fried Fish - Commercial Entrée and Fast Food
75	MSCA76	Num	8			MSL0100 Shellfish
76	MSCA77	Num	8			MSF0100 Fried Shellfish - Commercial Entrée and Fast Food
77	MSCA78	Num	8			MCF0100 Cold Cuts and Sausage
78	MSCA79	Num	8			MCL0100 Lean Cold Cuts and Sausage
79	MSCA80	Num	8			MOF0100 Organ Meats
80	MSCA81	Num	8			MOF0200 Baby Food Meat Mixtures
81	MSCA82	Num	8			FMC0200 Meat-based Savory Snack
82	MSCA83	Num	8			MOF0300 Eggs
83	MSCA84	Num	8			MOF0400 Egg Substitute
84	MSCA85	Num	8			MOF0500 Nuts and Seeds
85	MSCA86	Num	8			MOF0600 Nut and Seed Butters
86	MSCA87	Num	8			MOF0700 Meat Alternatives
87	MSCA88	Num	8			DMF0100 Milk - Whole
88	MSCA89	Num	8			DMR0100 Milk - Reduced Fat
89	MSCA90	Num	8			DML0100 Milk - Low Fat and Fat Free
90	MSCA91	Num	8			DMN0100 Milk - Nondairy
91	MSCA92	Num	8			DMF0200 Ready-to-drink Flavored Milk - Whole
92	MSCA93	Num	8			DMR0200 Ready-to-drink Flavored Milk - Reduced Fat
93	MSCA94	Num	8			DML0200 Ready-to-drink Flavored Milk - Low Fat and Fat Free
94	MSCA95	Num	8			DML0300 Sweetened Flavored Milk Beverage Powder with Non-fat Dry Milk
95	MSCA96	Num	8			DML0400 Artificially Sweetened Flavored Milk Beverage Powder with Non-fat Dry Milk
96	MSCA97	Num	8			SWT0600 Sweetened Flavored Milk Beverage Powder without Non-fat Dry Milk
97	MSCA98	Num	8			MSC1100 Artificially Sweetened Flavored Milk Beverage Powder without Non-fat Dry Milk
98	MSCA99	Num	8			DCF0100 Cheese - Full Fat
99	MSCA100	Num	8			DCR0100 Cheese - Reduced Fat
100	MSCA101	Num	8			DCL0100 Cheese - Low Fat and Fat Free
101	MSCA102	Num	8			DCN0100 Cheese - Nondairy
102	MSCA103	Num	8			DYF0100 Yogurt - Sweetened Whole Milk
103	MSCA104	Num	8			DYR0100 Yogurt - Sweetened Low Fat
104	MSCA105	Num	8			DYL0100 Yogurt - Sweetened Fat Free
105	MSCA106	Num	8			DYF0200 Yogurt - Artificially Sweetened Whole Milk
106	MSCA107	Num	8			DYR0200 Yogurt - Artificially Sweetened Low Fat
107	MSCA108	Num	8			DYL0200 Yogurt - Artificially Sweetened Fat Free
108	MSCA109	Num	8			DYN0100 Yogurt - Nondairy
109	MSCA110	Num	8			DOT0100 Frozen Dairy Dessert
110	MSCA111	Num	8			DOT0200 Frozen Nondairy Dessert

Num	Variable	Type	Len	Format	Informat	Label
111	MSCA112	Num	8			DOT0300 Pudding and Other Dairy Dessert
112	MSCA113	Num	8			DOT0400 Artificially Sweetened Pudding and Other Dairy Dessert
113	MSCA114	Num	8			FCF0100 Cream
114	MSCA115	Num	8			FCR0100 Cream - Reduced Fat
115	MSCA116	Num	8			FCL0100 Cream - Low Fat and Fat Free
116	MSCA117	Num	8			FCN0100 Cream - Nondairy
117	MSCA118	Num	8			DOT0500 Dairy-based Sweetened Meal Replacement/Supplement
118	MSCA119	Num	8			DOT0600 Dairy-based Artificially Sweetened Meal Replacement/Supplement
119	MSCA120	Num	8			DOT0700 Infant Formula
120	MSCA121	Num	8			DOT0800 Infant Formula - Nondairy
121	MSCA122	Num	8			FMF0100 Margarine - Regular
122	MSCA123	Num	8			FMR0100 Margarine - Reduced Fat
123	MSCA124	Num	8			FOF0100 Oil
124	MSCA125	Num	8			FSF0100 Shortening
125	MSCA126	Num	8			FAF0100 Butter and Other Animal Fats - Regular
126	MSCA127	Num	8			FAR0100 Butter and Other Animal Fats - Reduced Fat
127	MSCA128	Num	8			FDF0100 Salad Dressing - Regular
128	MSCA129	Num	8			FDR0100 Salad Dressing - Reduced Fat/Reduced Calorie/Fat Free
129	MSCA130	Num	8			SWT0400 Sugar
130	MSCA131	Num	8			MSC1200 Sugar Substitute
131	MSCA132	Num	8			SWT0500 Syrup, Honey, Jam, Jelly, Preserves
132	MSCA133	Num	8			SWT0700 Sauces, Sweet - Regular
133	MSCA134	Num	8			SWT0800 Sauces, Sweet - Reduced Fat/Reduced Calorie/Fat Free
134	MSCA135	Num	8			SWT0100 Chocolate Candy
135	MSCA136	Num	8			SWT0200 Non-chocolate Candy
136	MSCA137	Num	8			SWT0300 Frosting or Glaze
137	MSCA138	Num	8			BVS0400 Sweetened Soft Drinks
138	MSCA139	Num	8			BVA0400 Artificially Sweetened Soft Drinks
139	MSCA140	Num	8			BVU0300 Unsweetened Soft Drinks
140	MSCA141	Num	8			BVS0300 Sweetened Fruit Drinks
141	MSCA142	Num	8			BVA0300 Artificially Sweetened Fruit Drinks
142	MSCA143	Num	8			BVS0500 Sweetened Tea
143	MSCA144	Num	8			BVA0500 Artificially Sweetened Tea
144	MSCA145	Num	8			BVU0400 Unsweetened Tea
145	MSCA146	Num	8			BVS0100 Sweetened Coffee
146	MSCA147	Num	8			BVA0100 Artificially Sweetened Coffee
147	MSCA148	Num	8			BVU0100 Unsweetened Coffee
148	MSCA149	Num	8			BVS0200 Sweetened Coffee Substitutes
149	MSCA150	Num	8			BVA0200 Artificially Sweetened Coffee Substitutes

Num	Variable	Type	Len	Format	Informat	Label
150	MSCA151	Num	8			BVU0200 Unsweetened Coffee Substitutes
151	MSCA152	Num	8			BVS0600 Sweetened Water
152	MSCA153	Num	8			BVA0600 Artificially Sweetened Water
153	MSCA154	Num	8			BVU0500 Unsweetened Water
154	MSCA155	Num	8			BVS0700 Nondairy-based Sweetened Meal Replacement/Supplement
155	MSCA156	Num	8			BVA0700 Nondairy-based Artificially Sweetened Meal Replacement/Supplement
156	MSCA157	Num	8			BVU0600 Nondairy-based Unsweetened Meal Replacement/Supplement
157	MSCA158	Num	8			BVO0100 Non-alcoholic Beer
158	MSCA159	Num	8			BVO0200 Non-alcoholic Light Beer
159	MSCA160	Num	8			BVE0100 Beer and Ales
160	MSCA161	Num	8			BVE0400 Cordial and Liqueur
161	MSCA162	Num	8			BVE0300 Distilled Liquor
162	MSCA163	Num	8			BVE0200 Wine
163	MSCA164	Num	8			MSC0100 Gravy - Regular
164	MSCA165	Num	8			MSC0200 Gravy - Reduced Fat/Fat Free
165	MSCA166	Num	8			MSC0300 Sauces and Condiments - Regular
166	MSCA167	Num	8			MSC0400 Sauces and Condiments - Reduced Fat
167	MSCA168	Num	8			MSC0500 Pickled Foods
168	MSCA169	Num	8			MSC0600 Miscellaneous Dessert
169	MSCA170	Num	8			MSC0700 Non-grain Flour and Similar
170	MSCA171	Num	8			MSC0800 Soup Broth
171	MSCA172	Num	8			MSC0900 Baby Food Dessert
172	MSCA173	Num	8			MSC1000 Miscellaneous Baby Food Mixtures
173	MSCA174	Num	8			GRW1300 Baby Food Grain Mixtures – Whole Grain
174	MSCA175	Num	8			GRS1300 Baby Food Grain Mixtures – Some Whole Grain
175	FORM	Char	3	\$3.	\$3.	FORM
176	VERS	Char	1	\$1.	\$1.	VERS
177	DTIA16	Num	8			Intake Reliability

**Data Set Name: muea\_derv\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	NDC_Q5	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q5
3	MED_NAME_Q5	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q5
4	MED_STRE_Q5	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q5
5	MED_UNIT_Q5	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q5
6	MTC_Q5	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q5
7	CNTRY_Q5	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q5
8	NDC_Q6	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q6
9	MED_NAME_Q6	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q6
10	MED_STRE_Q6	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q6
11	MED_UNIT_Q6	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q6
12	MTC_Q6	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q6
13	CNTRY_Q6	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q6
14	NDC_Q7	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q7
15	MED_NAME_Q7	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q7
16	MED_STRE_Q7	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q7
17	MED_UNIT_Q7	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q7
18	MTC_Q7	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q7
19	CNTRY_Q7	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q7
20	NDC_Q8	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q8
21	MED_NAME_Q8	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q8
22	MED_STRE_Q8	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q8
23	MED_UNIT_Q8	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q8
24	MTC_Q8	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q8
25	CNTRY_Q8	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q8
26	NDC_Q9	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q9
27	MED_NAME_Q9	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q9
28	MED_STRE_Q9	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q9
29	MED_UNIT_Q9	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q9
30	MTC_Q9	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q9
31	CNTRY_Q9	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q9
32	NDC_Q10	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q10
33	MED_NAME_Q10	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q10
34	MED_STRE_Q10	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q10
35	MED_UNIT_Q10	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q10
36	MTC_Q10	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q10

Num	Variable	Type	Len	Format	Informat	Label
37	CNTRY_Q10	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q10
38	NDC_Q11	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q11
39	MED_NAME_Q11	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q11
40	MED_STRE_Q11	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q11
41	MED_UNIT_Q11	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q11
42	MTC_Q11	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q11
43	CNTRY_Q11	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q11
44	NDC_Q12	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q12
45	MED_NAME_Q12	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q12
46	MED_STRE_Q12	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q12
47	MED_UNIT_Q12	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q12
48	MTC_Q12	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q12
49	CNTRY_Q12	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q12
50	NDC_Q13	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q13
51	MED_NAME_Q13	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q13
52	MED_STRE_Q13	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q13
53	MED_UNIT_Q13	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q13
54	MTC_Q13	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q13
55	CNTRY_Q13	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q13
56	NDC_Q14	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q14
57	MED_NAME_Q14	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q14
58	MED_STRE_Q14	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q14
59	MED_UNIT_Q14	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q14
60	MTC_Q14	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q14
61	CNTRY_Q14	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q14
62	NDC_Q15	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q15
63	MED_NAME_Q15	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q15
64	MED_STRE_Q15	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q15
65	MED_UNIT_Q15	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q15
66	MTC_Q15	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q15
67	CNTRY_Q15	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q15
68	NDC_Q16	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q16
69	MED_NAME_Q16	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q16
70	MED_STRE_Q16	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q16
71	MED_UNIT_Q16	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q16
72	MTC_Q16	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q16
73	CNTRY_Q16	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q16
74	NDC_Q17	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q17
75	MED_NAME_Q17	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q17



Num	Variable	Type	Len	Format	Informat	Label
76	MED_STRE_Q17	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q17
77	MED_UNIT_Q17	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q17
78	MTC_Q17	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q17
79	CNTRY_Q17	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q17
80	NDC_Q18	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q18
81	MED_NAME_Q18	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q18
82	MED_STRE_Q18	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q18
83	MED_UNIT_Q18	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q18
84	MTC_Q18	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q18
85	CNTRY_Q18	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q18
86	NDC_Q19	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q19
87	MED_NAME_Q19	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q19
88	MED_STRE_Q19	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q19
89	MED_UNIT_Q19	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q19
90	MTC_Q19	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q19
91	CNTRY_Q19	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q19
92	NDC_Q20	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q20
93	MED_NAME_Q20	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q20
94	MED_STRE_Q20	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q20
95	MED_UNIT_Q20	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q20
96	MTC_Q20	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q20
97	CNTRY_Q20	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q20
98	NDC_Q21	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q21
99	MED_NAME_Q21	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q21
100	MED_STRE_Q21	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q21
101	MED_UNIT_Q21	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q21
102	MTC_Q21	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q21
103	CNTRY_Q21	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q21
104	NDC_Q22	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q22
105	MED_NAME_Q22	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q22
106	MED_STRE_Q22	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q22
107	MED_UNIT_Q22	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q22
108	MTC_Q22	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q22
109	CNTRY_Q22	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q22
110	NDC_Q23	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q23
111	MED_NAME_Q23	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q23
112	MED_STRE_Q23	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q23
113	MED_UNIT_Q23	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q23
114	MTC_Q23	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q23

Num	Variable	Type	Len	Format	Informat	Label
115	CNTRY_Q23	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q23
116	NDC_Q24	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q24
117	MED_NAME_Q24	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q24
118	MED_STRE_Q24	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q24
119	MED_UNIT_Q24	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q24
120	MTC_Q24	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q24
121	CNTRY_Q24	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q24
122	NDC_Q25	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q25
123	MED_NAME_Q25	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q25
124	MED_STRE_Q25	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q25
125	MED_UNIT_Q25	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q25
126	MTC_Q25	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q25
127	CNTRY_Q25	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q25
128	NDC_Q26	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q26
129	MED_NAME_Q26	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q26
130	MED_STRE_Q26	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q26
131	MED_UNIT_Q26	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q26
132	MTC_Q26	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q26
133	CNTRY_Q26	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q26
134	NDC_Q27	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q27
135	MED_NAME_Q27	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q27
136	MED_STRE_Q27	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q27
137	MED_UNIT_Q27	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q27
138	MTC_Q27	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q27
139	CNTRY_Q27	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q27
140	NDC_Q28	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q28
141	MED_NAME_Q28	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q28
142	MED_STRE_Q28	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q28
143	MED_UNIT_Q28	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q28
144	MTC_Q28	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q28
145	CNTRY_Q28	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q28
146	NDC_Q29	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q29
147	MED_NAME_Q29	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q29
148	MED_STRE_Q29	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q29
149	MED_UNIT_Q29	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q29
150	MTC_Q29	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q29
151	CNTRY_Q29	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q29
152	NDC_Q39	Char	12	\$12.	\$12.	MUE Report Meds: NDC at Q39
153	MED_NAME_Q39	Char	60	\$60.	\$60.	MUE Report Meds: Medication name at Q39

Num	Variable	Type	Len	Format	Informat	Label
154	MED_STRE_Q39	Char	15	\$15.	\$15.	MUE Report Meds: Medication strength at Q39
155	MED_UNIT_Q39	Char	10	\$10.	\$10.	MUE Report Meds: Medication unit at Q39
156	MTC_Q39	Char	14	\$14.	\$14.	MUE Report Meds: Medication MTC code at Q39
157	CNTRY_Q39	Char	1	\$1.	\$1.	MUE Report Meds: Medication country at Q39
158	CODE_FLAG_Q9	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q9
159	CODE_FLAG_Q8	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q8
160	CODE_FLAG_Q20	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q20
161	CODE_FLAG_Q21	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q21
162	CODE_FLAG_Q24	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q24
163	CODE_FLAG_Q7	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q7
164	CODE_FLAG_Q5	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q5
165	CODE_FLAG_Q6	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q6
166	CODE_FLAG_Q12	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q12
167	CODE_FLAG_Q11	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q11
168	CODE_FLAG_Q13	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q13
169	CODE_FLAG_Q10	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q10
170	CODE_FLAG_Q16	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q16
171	CODE_FLAG_Q39	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q39
172	CODE_FLAG_Q14	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q14
173	CODE_FLAG_Q15	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q15
174	CODE_FLAG_Q19	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q19
175	CODE_FLAG_Q22	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q22
176	CODE_FLAG_Q18	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q18
177	CODE_FLAG_Q17	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q17
178	CODE_FLAG_Q23	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q23
179	CODE_FLAG_Q25	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q25
180	CODE_FLAG_Q26	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q26
181	CODE_FLAG_Q27	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q27
182	CODE_FLAG_Q28	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q28
183	CODE_FLAG_Q29	Char	1			MUE Report Meds: Manually coding flag (1=manually coded) at Q29

**Data Set Name: muea\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	VISIT	Num	8			
3	FSEQNO	Num	8			
4	LINENUMBER	Num	8			
5	MUEA1	Num	8			Medications/containers brought to visit (MUEA1)
6	MUEA2	Num	8			Reason no meds/containers brought to visit (MUEA2)
7	MUEA3	Num	8			Follow-up Allowed (MUEA3)
8	MUEA39A	Char	12	\$12.	\$12.	Medication UPC/NDC (MUEA39A)
9	MUEA39B	Char	60	\$60.	\$60.	Medication Name (MUEA39B)
10	MUEA39C	Char	15	\$15.	\$15.	Medication strength (MUEA39C)
11	MUEA39D	Char	10	\$10.	\$10.	Medication units (MUEA39D)
12	MUEA39E	Char	14	\$14.	\$14.	(EMPTY) (MUEA39E)
13	MUEA39F	Char	1	\$1.	\$1.	muea39f
14	MUEA39G	Char	1	\$1.	\$1.	muea39g
15	MUEA33A	Num	8			Self-report Medication Use: Asthma (MUEA33A)
16	MUEA33B	Num	8			Self-report Medication Use: Chronic bronchitis (MUEA33B)
17	MUEA33C	Num	8			Self-report Medication Use: High blood sugar/diabetes (MUEA33C)
18	MUEA33D	Num	8			Self-report Medication Use: High blood pressure/hypertension (MUEA33D)
19	MUEA33E	Num	8			Self-report Medication Use: High blood cholesterol (MUEA33E)
20	MUEA33F	Num	8			Self-report Medication Use: Chest pain or angina (MUEA33F)
21	MUEA33G	Num	8			Self-report Medication Use: Abnormal heart rhythm (MUEA33G)
22	MUEA33H	Num	8			Self-report Medication Use: Heart failure (MUEA33H)
23	MUEA33I	Num	8			Self-report Medication Use: Blood thinning (MUEA33I)
24	MUEA33J	Num	8			Self-report Medication Use: Stroke (MUEA33J)
25	MUEA33K	Num	8			Self-report Medication Use: Mini-stroke or TIA (MUEA33K)
26	MUEA33L	Num	8			Self-report Medication Use: Leg pain while walking (MUEA33L)
27	MUEA34	Num	8			Aspirin Products (Other than Previous) (MUEA34)
28	MUEA35	Num	8			Days Taken Aspirin Products (Other than Previous) (MUEA35)
29	MUEA36	Num	8			Purpose Taking Aspirin Products (other than previous) (MUEA36)
30	MUEA37	Num	8			Pain Medication (other than previous) (MUEA37)
31	MUEA38	Num	8			Anti-inflammatory Meds (other than previous) (MUEA38)
32	MUEA40	Num	8			Pills per week (MUEA40)

*Data Set Name: neea\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	NEEA1	Num	8			Number of presentations - Word recall (NEEA1)
8	NEEA2	Num	8			What year is this (NEEA2)
9	NEEA3	Num	8			What month is this (NEEA3)
10	NEEA4	Num	8			What is the day of the week (NEEA4)
11	NEEA5	Num	8			Blue (NEEA5)
12	NEEA6	Num	8			Pear (NEEA6)
13	NEEA7	Num	8			Sofa (NEEA7)
14	NEEA8	Num	8			Trial 1: Recalled words (NEEA8)
15	NEEA9	Num	8			Trial 2: Recalled words (NEEA9)
16	NEEA10	Num	8			Trial 3: Recalled words (NEEA10)
17	NEEA11	Num	8			Trial 5: Recalled words (NEEA11)
18	NEEA12	Num	8			Number of words - Letter F (NEEA12)
19	NEEA13	Num	8			Number of words - Letter A (NEEA13)
20	NEEA14	Num	8			Total Correct Symbols (NEEA14)
21	NEEA15	Num	8			Language Test Admin (NEEA15)
22	NEEA16A	Num	8			Any Cog function test discontinued (NEEA16A)
23	NEEA16B1	Num	8			Test Discontinued: SEVLT (NEEA16B1)
24	NEEA16B2	Num	8			Test Discontinued: Word Fluency (NEEA16B2)
25	NEEA16B3	Num	8			Test Discontinued: Digit Symbol Sub (NEEA16B3)
26	NEEA16C1	Num	8			Reason Test Discontinued: SEVLT (NEEA16C1)
27	NEEA16C2	Num	8			Reason Test Discontinued: Word Fluency (NEEA16C2)
28	NEEA16C3	Num	8			Reason Test Discontinued: Digit Symbol Sub (NEEA16C3)

**Data Set Name: *ocealad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	OCEA10B	Char	1	\$1.	\$1.	oceal0b
5	OCEA11B	Char	1	\$1.	\$1.	oceal1b
6	VISIT	Num	8			
7	FSEQNO	Num	8			
8	LINENUMBER	Num	8			
9	OCEA1	Num	8			Retired (OCEA1)
10	OCEA2	Num	8			Year retired (OCEA2)
11	OCEA3A	Num	8			Prim job before retirement coded (OCEA3A)
12	OCEA4A	Num	8			Homemaker (OCEA4A)
13	OCEA4B	Num	8			Student (OCEA4B)
14	OCEA5	Num	8			Current Employment Status (OCEA5)
15	OCEA6	Num	8			Months worked in past year (OCEA6)
16	OCEA7	Num	8			Days worked per week (OCEA7)
17	OCEA8	Num	8			Hours per day usually (OCEA8)
18	OCEA9	Num	8			Regular work schedule (OCEA9)
19	OCEA12	Num	8			Extra Work Hours - Days per Month (OCEA12)
20	OCEA13	Num	8			Usual Work Schedule (OCEA13)
21	OCEA14	Num	8			Ever work late night shift (OCEA14)
22	OCEA15	Num	8			How Often work late night shift (OCEA15)
23	OCEA16A	Num	8			Current Prim Occupation Coded (OCEA16A)
24	OCEA17	Num	8			Current Prim Occupation - hrs/wk (OCEA17)
25	OCEA18	Num	8			Secondary Occupation (OCEA18)
26	OCEA19	Num	8			Secondary Occupation - Hrs/week (OCEA19)
27	OCEA20A	Num	8			Secondary Occupation Coded (OCEA20A)
28	OCEA21	Num	8			Occ Exp (Current Occ) - Noisy (OCEA21)
29	OCEA22	Num	8			Occ Exp (Cur Occ) - hearing prot used (OCEA22)
30	OCEA23	Num	8			Occ Exp (Cur Occ) - organic solvent exp (OCEA23)
31	OCEA24	Num	8			Occ Exp (Cur Occ) - metals exp (OCEA24)
32	OCEA25	Num	8			Occ Exp (Cur Occ) - gas, etc exp (OCEA25)
33	OCEA26	Num	8			Occ Exp (Cur) - respirator worn (OCEA26)
34	OCEA27A	Num	8			Occ Exp (Cur) - paints, varnishes (OCEA27A)
35	OCEA27B	Num	8			Occ Exp (Cur) - glues, pastes, other adhesives (OCEA27B)
36	OCEA27C	Num	8			Occ Exp (Cur) - acids or alkalis (OCEA27C)

Num	Variable	Type	Len	Format	Informat	Label
37	OCEA27D	Num	8			Occ Exp (Cur) - pesticides (OCEA27D)
38	OCEA27E	Num	8			Occ Exp (Cur) - dusts (OCEA27E)
39	OCEA27F	Num	8			Occ Exp (Cur) - wood dust (OCEA27F)
40	OCEA27G	Num	8			Occ Exp (Cur) - cleaning or disinfecting solutions (OCEA27G)
41	OCEA27H	Num	8			Occ Exp (Cur) - petroleum product (OCEA27H)
42	OCEA27I	Num	8			Occ Exp (Cur) - cutting oils, machine oils, or metal working fluids (OCEA27I)
43	OCEA27J	Num	8			Occ Exp (Cur) - smoke from burning wood (OCEA27J)
44	OCEA27K	Num	8			Occ Exp (Cur) - welding fumes (OCEA27K)
45	OCEA27L	Num	8			Occ Exp (Cur) - tobacco smoke (OCEA27L)
46	OCEA27M	Num	8			Occ Exp (Cur) - vehicle exhaust (OCEA27M)
47	OCEA27N	Num	8			Occ Exp (Cur) - cooking fumes (OCEA27N)
48	OCEA27O	Num	8			Occ Exp (Cur) - solvents or degreasers (OCEA27O)
49	OCEA28A	Num	8			Longest held Occ Coded (OCEA28A)
50	OCEA29	Num	8			Longest held Occ - Year Started (OCEA29)
51	OCEA30	Num	8			Longest held Occ - Years worked (OCEA30)
52	OCEA31	Num	8			Longest held Occ - same as current (OCEA31)
53	OCEA32	Num	8			Longest held Occ - Latest Year (OCEA32)
54	OCEA33	Num	8			Longest held Occ - Hours worked (OCEA33)
55	OCEA34	Num	8			Occ Exp (Longest Occ) - Noisy (OCEA34)
56	OCEA35	Num	8			Occ Exp (Long Occ) - hearing prot (OCEA35)
57	OCEA36	Num	8			Occ Exp (Long Occ) - gas, etc. (OCEA36)
58	OCEA37A	Num	8			Occ Exp (Long Occ) - paints, varnishes (OCEA37A)
59	OCEA37B	Num	8			Occ Exp (Long Occ) - glues, pastes (OCEA37B)
60	OCEA37C	Num	8			Occ Exp (Long Occ) - acids or alkalis (OCEA37C)
61	OCEA37D	Num	8			Occ Exp (Long Occ) - pesticides (OCEA37D)
62	OCEA37E	Num	8			Occ Exp (Long Occ) - dusts (OCEA37E)
63	OCEA37F	Num	8			Occ Exp (Long Occ) - wood dust (OCEA37F)
64	OCEA37G	Num	8			Occ Exp (Long Occ) - cleaning or disinf (OCEA37G)
65	OCEA37H	Num	8			Occ Exp (Long Occ) - petroleum prod (OCEA37H)
66	OCEA37I	Num	8			Occ Exp (Long Occ) - cut or mach oil (OCEA37I)
67	OCEA37J	Num	8			Occ Exp (Long Occ) - burning wood (OCEA37J)
68	OCEA37K	Num	8			Occ Exp (Long Occ) - welding fumes (OCEA37K)
69	OCEA37L	Num	8			Occ Exp (Long Occ) - tobacco smoke (OCEA37L)
70	OCEA37M	Num	8			Occ Exp (Long Occ) - vehicle exhaust (OCEA37M)
71	OCEA37N	Num	8			Occ Exp (Long Occ) - cooking fumes (OCEA37N)
72	OCEA37O	Num	8			Occ Exp (Long Occ) - solv/degreasers (OCEA37O)
73	OCEA38	Num	8			Other Noisy Jobs (OCEA38)
74	OCEA10A	Num	8	TIME5.		

Num	Variable	Type	Len	Format	Informat	Label
75	OCEA11A	Num	8	TIME5.		
76	OCEA10A_2401	Num	8	TIME5.		Time Begin Work (24 hrs) (OCEA10A)
77	OCEA11A_2401	Num	8	TIME5.		Time End Work (24 hrs) (OCEA11A)



**Data Set Name:** *ohea\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	OHEA1	Num	8			Have any natural teeth (OHEA1)
8	OHEA2	Num	8			Food eaten limited due to teeth problems (OHEA2)
9	OHEA3A	Num	8			Pain in a tooth or teeth in past 12 months (OHEA3a)
10	OHEA3B	Num	8			Bleeding gums in past 12 months (OHEA3b)
11	OHEA3C	Num	8			Pain in your face in past 12 months (OHEA3c)
12	OHEA3D	Num	8			Pain in your jaw joint in past 12 months (OHEA3d)
13	OHEA3E	Num	8			Sores in your mouth in past 12 months (OHEA3e)
14	OHEA3F	Num	8			Difficulty chewing in past 12 months (OHEA3f)
15	OHEA3G	Num	8			Difficulty tasting in past 12 months (OHEA3g)
16	OHEA3H	Num	8			Difficulty swallowing in past 12 months (OHEA3h)
17	OHEA3I	Num	8			Bad breath in past 12 months (OHEA3i)
18	OHEA3J	Num	8			Bad taste in mouth in past 12 months (OHEA3j)
19	OHEA3K	Num	8			Dry mouth when you eat in past 12 months (OHEA3k)
20	OHEA3L	Num	8			Dry mouth when you sleep in past 12 months (OHEA3l)
21	OHEA3M	Num	8			Other (non toothache) pain in your mouth in past 12 months (OHEA3m)
22	OHEA4	Num	8			Need dental treatment (OHEA4)
23	OHEA5A	Num	8			Cleaning or checkup Dental care needed (OHEA5a)
24	OHEA5B	Num	8			Teeth filled/replaced Dental care needed (OHEA5b)
25	OHEA5C	Num	8			Teeth pulled Dental care needed (OHEA5c)
26	OHEA5D	Num	8			Gum treatment Dental care needed (OHEA5d)
27	OHEA5E	Num	8			New or replace denture(s) Dental care needed (OHEA5e)
28	OHEA5F	Num	8			Denture repaired Dental care needed (OHEA5f)
29	OHEA5G	Num	8			Relief of pain Dental care needed (OHEA5g)
30	OHEA5H	Num	8			Work on appearance Dental care needed (OHEA5h)
31	OHEA5I	Num	8			Other Dental care needed (OHEA5i)
32	OHEA5J	Num	8			Don't know Dental care needed (OHEA5j)
33	OHEA6	Num	8			Duration from last dental visit (OHEA6)
34	OHEA7A	Num	8			Reason not visiting dentist in past 12 months: Afraid (OHEA7a)
35	OHEA7B	Num	8			Reason not visiting dentist in past 12 months: Nervous (OHEA7b)
36	OHEA7C	Num	8			Reason not visiting dentist in past 12 months: Needles (OHEA7c)

Num	Variable	Type	Len	Format	Informat	Label
37	OHEA7D	Num	8			Reason not visiting dentist in past 12 months: Cost (OHEA7d)
38	OHEA7E	Num	8			Reason not visiting dentist in past 12 months: Don't know dentist (OHEA7e)
39	OHEA7F	Num	8			Reason not visiting dentist in past 12 months: Dentist too far (OHEA7f)
40	OHEA7G	Num	8			Reason not visiting dentist in past 12 months: Can't find a dentist who speak Spanish (OHEA7g)
41	OHEA7H	Num	8			Reason not visiting dentist in past 12 months: Can't get there (OHEA7h)
42	OHEA7I	Num	8			Reason not visiting dentist in past 12 months: No problems (OHEA7i)
43	OHEA7J	Num	8			Reason not visiting dentist in past 12 months: No teeth (OHEA7j)
44	OHEA7K	Num	8			Reason not visiting dentist in past 12 months: Not important (OHEA7k)
45	OHEA7L	Num	8			Reason not visiting dentist in past 12 months: Didn't think of it (OHEA7l)
46	OHEA7M	Num	8			Reason not visiting dentist in past 12 months: Other (OHEA7m)
47	OHEA7N	Num	8			Reason not visiting dentist in past 12 months: Don't know (OHEA7n)
48	OHEA8	Num	8			Ever had Oral/mouth cancer test (OHEA8)
49	OHEA9	Num	8			When last oral/mouth cancer test done (OHEA9)
50	OHEA10	Num	8			Food limits b/c of dentures (OHEA10)
51	OHEA11A	Num	8			Bleeding gum (OHEA11a)
52	OHEA11B	Num	8			Pain in your face (OHEA11b)
53	OHEA11C	Num	8			Pain in your jaw joint (OHEA11c)
54	OHEA11D	Num	8			Sores in your mouth (OHEA11d)
55	OHEA11E	Num	8			Difficulty chewing (OHEA11e)
56	OHEA11F	Num	8			Difficulty tasting (OHEA11f)
57	OHEA11G	Num	8			Difficulty swallowing (OHEA11g)
58	OHEA11H	Num	8			Bad breath (OHEA11h)
59	OHEA11I	Num	8			Bad taste in mouth (OHEA11i)
60	OHEA11J	Num	8			Dry mouth when you eat (OHEA11j)
61	OHEA11K	Num	8			Dry mouth when you sleep (OHEA11k)
62	OHEA11L	Num	8			Other (non toothache) pain (OHEA11l)
63	OHEA12	Num	8			Current need for dental treatment (OHEA12)
64	OHEA13A	Num	8			Gum treatment Dental care needed (OHEA13a)
65	OHEA13B	Num	8			New or replace denture(s) Dental care needed (OHEA13b)
66	OHEA13C	Num	8			Denture repaired Dental care needed (OHEA13c)
67	OHEA13D	Num	8			Relief of pain Dental care needed (OHEA13d)
68	OHEA13E	Num	8			Other Dental care needed (OHEA13e)
69	OHEA13F	Num	8			Don't know Dental care needed (OHEA13f)
70	OHEA14	Num	8			Duration from last dental visit (OHEA14)
71	OHEA15A	Num	8			Reason not visiting dentist in past 12 months: Afraid (OHEA15a)
72	OHEA15B	Num	8			Reason not visiting dentist in past 12 months: Nervous (OHEA15b)
73	OHEA15C	Num	8			Reason not visiting dentist in past 12 months: Needles (OHEA15c)
74	OHEA15D	Num	8			Reason not visiting dentist in past 12 months: Cost (OHEA15d)

Num	Variable	Type	Len	Format	Informat	Label
75	OHEA15E	Num	8			Reason not visiting dentist in past 12 months: Don't know dentist (OHEA15e)
76	OHEA15F	Num	8			Reason not visiting dentist in past 12 months: Dentist too far (OHEA15f)
77	OHEA15G	Num	8			Reason not visiting dentist in past 12 months: Can't find a dentist who speak Spanish (OHEA15g)
78	OHEA15H	Num	8			Reason not visiting dentist in past 12 months: Can't get there (OHEA15h)
79	OHEA15I	Num	8			Reason not visiting dentist in past 12 months: No problems (OHEA15i)
80	OHEA15J	Num	8			Reason not visiting dentist in past 12 months: No teeth (OHEA15j)
81	OHEA15K	Num	8			Reason not visiting dentist in past 12 months: Not important (OHEA15k)
82	OHEA15L	Num	8			Reason not visiting dentist in past 12 months: Didn't think of it (OHEA15l)
83	OHEA15M	Num	8			Reason not visiting dentist in past 12 months: Other (OHEA15m)
84	OHEA15N	Num	8			Reason not visiting dentist in past 12 months: Don't know (OHEA15n)
85	OHEA16	Num	8			Ever had Oral/mouth cancer test (OHEA16)
86	OHEA17	Num	8			When last oral/mouth cancer test done (OHEA17)
87	OHEA18	Num	8			Difficulty doing jobs/school b/c of dental problems (OHEA18)

**Data Set Name: p24a\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	RECALLNUM	Num	8			First or Second dietary recall
3	PRDID	Char	8			Product File ID
4	P24A5	Char	8	\$8.	\$8.	Dietary Supplement Report Item Number
5	P24A6	Char	12	\$12.	\$12.	DSAM Supplement ID
6	P24A7	Char	230	\$230.	\$230.	Product Name
7	P24A8	Char	8	\$8.	\$8.	Label seen
8	P24A9	Num	8			Times taken yesterday
9	P24A10	Num	8			Total taken yesterday (amount)
10	P24A11	Char	20	\$20.	\$20.	Total taken yesterday (unit)
11	P24A12	Num	8			Taken for (amount)
12	P24A13	Char	8	\$8.	\$8.	Taken for (unit)
13	P24A15	Char	8	\$8.	\$8.	Recommended by
14	P24A16	Char	8	\$8.	\$8.	Where purchased
15	P24A17	Char	8	\$8.	\$8.	Working as expected
16	P24A19	Char	8	\$8.	\$8.	Black Cohosh
17	P24A20	Char	8	\$8.	\$8.	Echinacea
18	P24A21	Char	8	\$8.	\$8.	Garlic
19	P24A22	Char	8	\$8.	\$8.	Ginger
20	P24A23	Char	8	\$8.	\$8.	Ginkgo
21	P24A24	Char	8	\$8.	\$8.	Ginseng
22	P24A25	Char	8	\$8.	\$8.	Hawthorn
23	P24A26	Char	8	\$8.	\$8.	Kava Kava
24	P24A27	Char	8	\$8.	\$8.	Ma Huang/Ephedra
25	P24A28	Char	8	\$8.	\$8.	Saw Palmetto
26	P24A29	Char	8	\$8.	\$8.	St. John's Wort
27	P24A30	Num	8			Energy (kcal)
28	P24A31	Num	8			Total Protein (g)
29	P24A32	Num	8			Total Fat (g)
30	P24A33	Num	8			Total Carbohydrate (g)
31	P24A34	Num	8			Total Saturated Fatty Acids (SFA) (g)
32	P24A35	Num	8			Total Monounsaturated Fatty Acids (MUFA) (g)
33	P24A36	Num	8			Total Polyunsaturated Fatty Acids (PUFA) (g)
34	P24A37	Num	8			Omega-3 Fatty Acids in Supplements (mg)
35	P24A38	Num	8			Cholesterol (mg)
36	P24A39	Num	8			SFA 8:0 (caprylic acid) (g)

Num	Variable	Type	Len	Format	Informat	Label
37	P24A40	Num	8			SFA 10:0 (capric acid) (g)
38	P24A41	Num	8			SFA 12:0 (lauric acid) (g)
39	P24A42	Num	8			SFA 14:0 (myristic acid) (g)
40	P24A43	Num	8			SFA 16:0 (palmitic acid) (g)
41	P24A44	Num	8			SFA 18:0 (stearic acid) (g)
42	P24A45	Num	8			SFA 20:0 (arachidic acid) (g)
43	P24A46	Num	8			SFA 22:0 (behenic acid) (g)
44	P24A47	Num	8			MUFA 16:1 (palmitoleic acid) (g)
45	P24A48	Num	8			MUFA 18:1 (oleic acid) (g)
46	P24A49	Num	8			MUFA 20:1 (gadoleic acid) (g)
47	P24A50	Num	8			PUFA 18:2 (linoleic acid) (g)
48	P24A51	Num	8			PUFA 18:3 (linolenic acid) (g)
49	P24A52	Num	8			PUFA 20:4 (arachidonic acid) (g)
50	P24A53	Num	8			PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
51	P24A54	Num	8			PUFA 22:6 (docosahexaenoic acid [DHA]) (g)
52	P24A55	Num	8			Total Vitamin A Activity (International Units) (IU)
53	P24A56	Num	8			Retinol (mcg)
54	P24A57	Num	8			Vitamin D (calciferol) (mcg)
55	P24A58	Num	8			Vitamin E (International Units) (IU)
56	P24A59	Num	8			Vitamin E (Total Alpha-Tocopherol) (mg)
57	P24A60	Num	8			Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl-alpha-tocopherol) (mg)
58	P24A61	Num	8			Beta-Tocopherol (mg)
59	P24A62	Num	8			Delta-Tocopherol (mg)
60	P24A63	Num	8			Gamma-Tocopherol (mg)
61	P24A64	Num	8			Vitamin K (phylloquinone) (mcg)
62	P24A65	Num	8			Vitamin C (ascorbic acid) (mg)
63	P24A66	Num	8			Thiamin (vitamin B1) (mg)
64	P24A67	Num	8			Riboflavin (vitamin B2) (mg)
65	P24A68	Num	8			Niacin (vitamin B3) (mg)
66	P24A69	Num	8			Pantothenic Acid (mg)
67	P24A70	Num	8			Vitamin B-6 (pyridoxine, pyridoxyl, & pyridoxamine) (mg)
68	P24A71	Num	8			Synthetic Folate (folic acid) (mcg)
69	P24A72	Num	8			Vitamin B-12 (cobalamin) (mcg)
70	P24A73	Num	8			Biotin (mcg)
71	P24A74	Num	8			Beta-Carotene (provitamin A carotenoid) (mcg)
72	P24A75	Num	8			Alpha-Carotene (provitamin A carotenoid) (mcg)
73	P24A76	Num	8			Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
74	P24A77	Num	8			Lutein and/or Zeaxanthin (mcg)

Num	Variable	Type	Len	Format	Informat	Label
75	P24A78	Num	8			Lycopene (mcg)
76	P24A80	Num	8			Boron (mcg)
77	P24A81	Num	8			Calcium (mg)
78	P24A82	Num	8			Chromium (mcg)
79	P24A83	Num	8			Copper (mg)
80	P24A84	Num	8			Fluoride (mcg)
81	P24A85	Num	8			Iodine (mcg)
82	P24A86	Num	8			Iron (mg)
83	P24A87	Num	8			Magnesium (mg)
84	P24A88	Num	8			Manganese (mg)
85	P24A89	Num	8			Molybdenum (mcg)
86	P24A90	Num	8			Nickel (mcg)
87	P24A91	Num	8			Phosphorus (mg)
88	P24A92	Num	8			Potassium (mg)
89	P24A93	Num	8			Selenium (mcg)
90	P24A94	Num	8			Silicon (mg)
91	P24A95	Num	8			Sodium (mg)
92	P24A96	Num	8			Vanadium (mcg)
93	P24A97	Num	8			Zinc (mg)
94	P24A98	Num	8			Tryptophan (g)
95	P24A99	Num	8			Threonine (g)
96	P24A100	Num	8			Isoleucine (g)
97	P24A101	Num	8			Leucine (g)
98	P24A102	Num	8			Lysine (g)
99	P24A103	Num	8			Methionine (g)
100	P24A104	Num	8			Cystine (g)
101	P24A105	Num	8			Phenylalanine (g)
102	P24A106	Num	8			Tyrosine (g)
103	P24A107	Num	8			Valine (g)
104	P24A108	Num	8			Arginine (g)
105	P24A109	Num	8			Histidine (g)
106	P24A110	Num	8			Alanine (g)
107	P24A111	Num	8			Aspartic Acid (g)
108	P24A112	Num	8			Glutamic Acid (g)
109	P24A113	Num	8			Glycine (g)
110	P24A114	Num	8			Proline (g)
111	P24A115	Num	8			Serine (g)
112	P24A116	Num	8			Daidzein (mg)
113	P24A117	Num	8			Genistein (mg)

Num	Variable	Type	Len	Format	Informat	Label
114	P24A118	Num	8			Glycitein (mg)
115	P24A119	Num	8			Total Dietary Fiber (g)
116	P24A120	Num	8			Soluble Dietary Fiber (g)
117	P24A121	Num	8			Insoluble Dietary Fiber (g)
118	P24A122	Num	8			Betaine (mg)
119	P24A123	Num	8			Choline (mg)
120	P24A124	Num	8			Caffeine (mg)
121	P24A125	Num	8			Fructose (g)
122	P24A126	Num	8			Glucose (g)
123	P24A127	Num	8			Sucrose (g)
124	P24A128	Num	8			Inositol (g)
125	P24A129	Num	8			Mannitol (g)
126	P24A130	Num	8			Phytic Acid (mg)
127	P24A131	Num	8			Pinitol (g)
128	P24A132	Num	8			Sorbitol (g)
129	P24A133	Num	8			Xylitol (g)
130	P24A134	Num	8			PUFA 22:5 (docosapentaenoic acid [DPA]) (g)
131	P24A135	Num	8			CLA cis-9, trans-11 (g)
132	P24A136	Num	8			CLA trans-10, cis-12 (g)
133	P24A137	Num	8			MUFA 14:1 (myristoleic acid) (g)
134	DTIA16	Num	8			Intake Reliability

**Data Set Name: *pa\_cnts\_lad1.sas7bdat***

Num	Variable	Type	Len	Label
1	PID	Char	8	Random BioLINCC ID for LAD
2	DAY	Num	8	Consecutive day (day=1 is the next day to clinic visit)
3	CLINICDAY	Num	8	Actical date is the same as on_date (1=Yes,0=No)
4	DAY_OF_WK	Num	8	Day of the week (1=Sunday,2=Monday,....,7=Saturday)
5	WEEKDAY	Num	8	Week day indicator(1=Monday to Friday,0=Saturday or Sunday)
6	CNTS_MIN	Num	8	Average counts per minute
7	TOTCNTS	Num	8	Total counts per day
8	TOTHR	Num	8	Total hours monitor was worn per day
9	ADHERENT	Num	8	Atical was worn >=10 hours (1=Yes,0=No)
10	TOTSED	Num	8	Total minutes/day of sedentary activity (<100 counts/min)
11	TOTLIGHT	Num	8	Total minutes/day of light activity (100-1534 counts/min)
12	TOTMOD	Num	8	Total minutes/day of moderate activity (1535-3961 counts/min)
13	TOTVIG	Num	8	Total minutes/day of vigorous activity (>=3962 counts/min)
14	TOTMV	Num	8	Total minutes/day of moderate or vigorous activity (>=1535 counts/min)
15	TOTMOD_BOUT	Num	8	Total minutes/day of moderate activity (1535-3961 counts/min) in bouts
16	TOTVIG_BOUT	Num	8	Total minutes/day of vigorous activity (>=3962 counts/min) in bouts
17	TOTMV_BOUT	Num	8	Total minutes/day of moderate or vigorous activity (>=1535 counts/min) in bouts
18	N_WEAR_DAYS	Num	8	Count for number of wear days
19	N_ADH_DAYS	Num	8	Count for number of adherent days (>=10hrs)
20	CNT1	Num	5	Count per minute with missing values for non-wear time
21	CNT2	Num	5	Count per minute with missing values for non-wear time
22	CNT3	Num	5	Count per minute with missing values for non-wear time
23	CNT4	Num	5	Count per minute with missing values for non-wear time
24	CNT5	Num	5	Count per minute with missing values for non-wear time
25	CNT6	Num	5	Count per minute with missing values for non-wear time
26	CNT7	Num	5	Count per minute with missing values for non-wear time
27	CNT8	Num	5	Count per minute with missing values for non-wear time
28	CNT9	Num	5	Count per minute with missing values for non-wear time
29	CNT10	Num	5	Count per minute with missing values for non-wear time
30	CNT11	Num	5	Count per minute with missing values for non-wear time
31	CNT12	Num	5	Count per minute with missing values for non-wear time
32	CNT13	Num	5	Count per minute with missing values for non-wear time
33	CNT14	Num	5	Count per minute with missing values for non-wear time
34	CNT15	Num	5	Count per minute with missing values for non-wear time
35	CNT16	Num	5	Count per minute with missing values for non-wear time
36	CNT17	Num	5	Count per minute with missing values for non-wear time



Num	Variable	Type	Len	Label
37	CNT18	Num	5	Count per minute with missing values for non-wear time
38	CNT19	Num	5	Count per minute with missing values for non-wear time
39	CNT20	Num	5	Count per minute with missing values for non-wear time
40	CNT21	Num	5	Count per minute with missing values for non-wear time
41	CNT22	Num	5	Count per minute with missing values for non-wear time
42	CNT23	Num	5	Count per minute with missing values for non-wear time
43	CNT24	Num	5	Count per minute with missing values for non-wear time
44	CNT25	Num	5	Count per minute with missing values for non-wear time
45	CNT26	Num	5	Count per minute with missing values for non-wear time
46	CNT27	Num	5	Count per minute with missing values for non-wear time
47	CNT28	Num	5	Count per minute with missing values for non-wear time
48	CNT29	Num	5	Count per minute with missing values for non-wear time
49	CNT30	Num	5	Count per minute with missing values for non-wear time
50	CNT31	Num	5	Count per minute with missing values for non-wear time
51	CNT32	Num	5	Count per minute with missing values for non-wear time
52	CNT33	Num	5	Count per minute with missing values for non-wear time
53	CNT34	Num	5	Count per minute with missing values for non-wear time
54	CNT35	Num	5	Count per minute with missing values for non-wear time
55	CNT36	Num	5	Count per minute with missing values for non-wear time
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57	CNT38	Num	5	Count per minute with missing values for non-wear time
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62	CNT43	Num	5	Count per minute with missing values for non-wear time
63	CNT44	Num	5	Count per minute with missing values for non-wear time
64	CNT45	Num	5	Count per minute with missing values for non-wear time
65	CNT46	Num	5	Count per minute with missing values for non-wear time
66	CNT47	Num	5	Count per minute with missing values for non-wear time
67	CNT48	Num	5	Count per minute with missing values for non-wear time
68	CNT49	Num	5	Count per minute with missing values for non-wear time
69	CNT50	Num	5	Count per minute with missing values for non-wear time
70	CNT51	Num	5	Count per minute with missing values for non-wear time
71	CNT52	Num	5	Count per minute with missing values for non-wear time
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73	CNT54	Num	5	Count per minute with missing values for non-wear time
74	CNT55	Num	5	Count per minute with missing values for non-wear time
75	CNT56	Num	5	Count per minute with missing values for non-wear time

Num	Variable	Type	Len	Label
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80	CNT61	Num	5	Count per minute with missing values for non-wear time
81	CNT62	Num	5	Count per minute with missing values for non-wear time
82	CNT63	Num	5	Count per minute with missing values for non-wear time
83	CNT64	Num	5	Count per minute with missing values for non-wear time
84	CNT65	Num	5	Count per minute with missing values for non-wear time
85	CNT66	Num	5	Count per minute with missing values for non-wear time
86	CNT67	Num	5	Count per minute with missing values for non-wear time
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95	CNT76	Num	5	Count per minute with missing values for non-wear time
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99	CNT80	Num	5	Count per minute with missing values for non-wear time
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112	CNT93	Num	5	Count per minute with missing values for non-wear time
113	CNT94	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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130	CNT111	Num	5	Count per minute with missing values for non-wear time
131	CNT112	Num	5	Count per minute with missing values for non-wear time
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133	CNT114	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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169	CNT150	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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230	CNT211	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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Num	Variable	Type	Len	Label
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Num	Variable	Type	Len	Label
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322	CNT303	Num	5	Count per minute with missing values for non-wear time
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336	CNT317	Num	5	Count per minute with missing values for non-wear time
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729	CNT710	Num	5	Count per minute with missing values for non-wear time
730	CNT711	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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741	CNT722	Num	5	Count per minute with missing values for non-wear time
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744	CNT725	Num	5	Count per minute with missing values for non-wear time
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747	CNT728	Num	5	Count per minute with missing values for non-wear time
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751	CNT732	Num	5	Count per minute with missing values for non-wear time
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762	CNT743	Num	5	Count per minute with missing values for non-wear time
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769	CNT750	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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782	CNT763	Num	5	Count per minute with missing values for non-wear time
783	CNT764	Num	5	Count per minute with missing values for non-wear time
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786	CNT767	Num	5	Count per minute with missing values for non-wear time
787	CNT768	Num	5	Count per minute with missing values for non-wear time
788	CNT769	Num	5	Count per minute with missing values for non-wear time
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801	CNT782	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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837	CNT818	Num	5	Count per minute with missing values for non-wear time
838	CNT819	Num	5	Count per minute with missing values for non-wear time
839	CNT820	Num	5	Count per minute with missing values for non-wear time
840	CNT821	Num	5	Count per minute with missing values for non-wear time
841	CNT822	Num	5	Count per minute with missing values for non-wear time
842	CNT823	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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867	CNT848	Num	5	Count per minute with missing values for non-wear time
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886	CNT867	Num	5	Count per minute with missing values for non-wear time
887	CNT868	Num	5	Count per minute with missing values for non-wear time
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889	CNT870	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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909	CNT890	Num	5	Count per minute with missing values for non-wear time
910	CNT891	Num	5	Count per minute with missing values for non-wear time
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914	CNT895	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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941	CNT922	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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Num	Variable	Type	Len	Label
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1020	CNT1001	Num	5	Count per minute with missing values for non-wear time
1021	CNT1002	Num	5	Count per minute with missing values for non-wear time
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Num	Variable	Type	Len	Label
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Num	Variable	Type	Len	Label
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Num	Variable	Type	Len	Label
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1390	CNT1371	Num	5	Count per minute with missing values for non-wear time
1391	CNT1372	Num	5	Count per minute with missing values for non-wear time
1392	CNT1373	Num	5	Count per minute with missing values for non-wear time
1393	CNT1374	Num	5	Count per minute with missing values for non-wear time
1394	CNT1375	Num	5	Count per minute with missing values for non-wear time
1395	CNT1376	Num	5	Count per minute with missing values for non-wear time
1396	CNT1377	Num	5	Count per minute with missing values for non-wear time
1397	CNT1378	Num	5	Count per minute with missing values for non-wear time
1398	CNT1379	Num	5	Count per minute with missing values for non-wear time
1399	CNT1380	Num	5	Count per minute with missing values for non-wear time
1400	CNT1381	Num	5	Count per minute with missing values for non-wear time
1401	CNT1382	Num	5	Count per minute with missing values for non-wear time

Num	Variable	Type	Len	Label
1402	CNT1383	Num	5	Count per minute with missing values for non-wear time
1403	CNT1384	Num	5	Count per minute with missing values for non-wear time
1404	CNT1385	Num	5	Count per minute with missing values for non-wear time
1405	CNT1386	Num	5	Count per minute with missing values for non-wear time
1406	CNT1387	Num	5	Count per minute with missing values for non-wear time
1407	CNT1388	Num	5	Count per minute with missing values for non-wear time
1408	CNT1389	Num	5	Count per minute with missing values for non-wear time
1409	CNT1390	Num	5	Count per minute with missing values for non-wear time
1410	CNT1391	Num	5	Count per minute with missing values for non-wear time
1411	CNT1392	Num	5	Count per minute with missing values for non-wear time
1412	CNT1393	Num	5	Count per minute with missing values for non-wear time
1413	CNT1394	Num	5	Count per minute with missing values for non-wear time
1414	CNT1395	Num	5	Count per minute with missing values for non-wear time
1415	CNT1396	Num	5	Count per minute with missing values for non-wear time
1416	CNT1397	Num	5	Count per minute with missing values for non-wear time
1417	CNT1398	Num	5	Count per minute with missing values for non-wear time
1418	CNT1399	Num	5	Count per minute with missing values for non-wear time
1419	CNT1400	Num	5	Count per minute with missing values for non-wear time
1420	CNT1401	Num	5	Count per minute with missing values for non-wear time
1421	CNT1402	Num	5	Count per minute with missing values for non-wear time
1422	CNT1403	Num	5	Count per minute with missing values for non-wear time
1423	CNT1404	Num	5	Count per minute with missing values for non-wear time
1424	CNT1405	Num	5	Count per minute with missing values for non-wear time
1425	CNT1406	Num	5	Count per minute with missing values for non-wear time
1426	CNT1407	Num	5	Count per minute with missing values for non-wear time
1427	CNT1408	Num	5	Count per minute with missing values for non-wear time
1428	CNT1409	Num	5	Count per minute with missing values for non-wear time
1429	CNT1410	Num	5	Count per minute with missing values for non-wear time
1430	CNT1411	Num	5	Count per minute with missing values for non-wear time
1431	CNT1412	Num	5	Count per minute with missing values for non-wear time
1432	CNT1413	Num	5	Count per minute with missing values for non-wear time
1433	CNT1414	Num	5	Count per minute with missing values for non-wear time
1434	CNT1415	Num	5	Count per minute with missing values for non-wear time
1435	CNT1416	Num	5	Count per minute with missing values for non-wear time
1436	CNT1417	Num	5	Count per minute with missing values for non-wear time
1437	CNT1418	Num	5	Count per minute with missing values for non-wear time
1438	CNT1419	Num	5	Count per minute with missing values for non-wear time
1439	CNT1420	Num	5	Count per minute with missing values for non-wear time
1440	CNT1421	Num	5	Count per minute with missing values for non-wear time

Num	Variable	Type	Len	Label
1441	CNT1422	Num	5	Count per minute with missing values for non-wear time
1442	CNT1423	Num	5	Count per minute with missing values for non-wear time
1443	CNT1424	Num	5	Count per minute with missing values for non-wear time
1444	CNT1425	Num	5	Count per minute with missing values for non-wear time
1445	CNT1426	Num	5	Count per minute with missing values for non-wear time
1446	CNT1427	Num	5	Count per minute with missing values for non-wear time
1447	CNT1428	Num	5	Count per minute with missing values for non-wear time
1448	CNT1429	Num	5	Count per minute with missing values for non-wear time
1449	CNT1430	Num	5	Count per minute with missing values for non-wear time
1450	CNT1431	Num	5	Count per minute with missing values for non-wear time
1451	CNT1432	Num	5	Count per minute with missing values for non-wear time
1452	CNT1433	Num	5	Count per minute with missing values for non-wear time
1453	CNT1434	Num	5	Count per minute with missing values for non-wear time
1454	CNT1435	Num	5	Count per minute with missing values for non-wear time
1455	CNT1436	Num	5	Count per minute with missing values for non-wear time
1456	CNT1437	Num	5	Count per minute with missing values for non-wear time
1457	CNT1438	Num	5	Count per minute with missing values for non-wear time
1458	CNT1439	Num	5	Count per minute with missing values for non-wear time
1459	CNT1440	Num	5	Count per minute with missing values for non-wear time

*Data Set Name: pa\_derv\_lad1.sas7bdat*

Num	Variable	Type	Len	Label
1	PID	Char	8	Random BioLINCC ID for LAD
2	CLINICDAY	Num	8	Actical initialized to start recording counts on clinic date (1=Yes,0=No)
3	WKENDDAY_INCLUDED	Num	8	Summarized activity includes at least one adherent weekend (1=Yes,0=No)
4	N_WEAR_DAYS	Num	8	Count for number of wear days
5	N_ADH_DAYS	Num	8	Count for number of adherent days ( $\geq 10$ hrs)
6	N_ADH_WKENDDAYS	Num	8	Count for number of adherent weekend days
7	N_ADH_WKDAY	Num	8	Count for number of adherent week days
8	CNTS_DAY	Num	8	Average cnts/day monitor was worn
9	HRS_DAY	Num	8	hrs/day (average) monitor was worn
10	CNTS_MIN_DAY	Num	8	cnts/min (average) per day monitor was worn
11	SED_DAY	Num	8	min/day (average) of sedentary activity ( $< 100$ counts/min)
12	LIGHT_DAY	Num	8	min/day (average ) of light activity (100-1534 counts/min)
13	MOD_DAY	Num	8	min/day (average) of moderate activity (1535-3961 counts/min)
14	VIG_DAY	Num	8	min/day (average) of vigorous activity ( $\geq 3962$ counts/min)
15	MV_DAY	Num	8	min/day (average) of moderate or vigorous activity ( $\geq 1535$ counts/min)
16	MOD_WEEK	Num	8	min/week (average) of moderate activity (1535-3961 counts/min)
17	VIG_WEEK	Num	8	min/week (average) of vigorous activity ( $\geq 3962$ counts/minute)
18	MV_WEEK	Num	8	min/week (average) of moderate or vigorous activity ( $\geq 1535$ counts/minute)
19	MOD_DAY_BOUT	Num	8	min/day (average) of moderate activity (1535-3961 counts/min) in BOUTS
20	VIG_DAY_BOUT	Num	8	min/day (average) of vigorous activity ( $\geq 3962$ counts/minute) in BOUTS
21	MV_DAY_BOUT	Num	8	min/day (average) of moderate or vigorous activity ( $\geq 1535$ counts/minute) in BOUTS
22	MOD_WEEK_BOUT	Num	8	min/week (average) of moderate activity (1535-3961 counts/min) in BOUTS
23	VIG_WEEK_BOUT	Num	8	min/week (average) of vigorous activity ( $\geq 3962$ counts/minute) in BOUTS
24	MV_WEEK_BOUT	Num	8	min/week (average) of moderate or vigorous activity ( $\geq 1535$ counts/minute) in BOUTS
25	PAG2008	Num	8	Activity level per 2008 PA guidelines (categorical - 4 levels)
26	PAG2008YN	Num	8	Meets 2008 activity level guidelines (1=Yes,0=No)
27	PAG2008_BOUT	Num	8	Activity level per 2008 PA guidelines from bouts only (categorical - 4 levels)
28	PAG2008YN_BOUT	Num	8	Meets 2008 activity level guidelines from bouts only (1=Yes,0=No)
29	ADHERENTYN	Num	8	Participant has at least 3 adherent ( $\geq 10$ hrs) days (1=Yes,0=No)
30	ACTICALYN	Num	8	Actical data available (1=Yes,0=No)
31	WEIGHT_PA_IPW_OVERALL	Num	8	Sampling weight (norm_overall) * IPW of actical adherence

**Data Set Name:** *paea\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	PAEA1	Num	8			PA at work: Vigorous Activity (PAEA1)
8	PAEA2	Num	8			PA at work: Number of Days Vigorous Activity (PAEA2)
9	PAEA4	Num	8			PA at work: Moderate Activity (PAEA4)
10	PAEA5	Num	8			PA at work: Number of Days Moderate Activity (PAEA5)
11	PAEA7	Num	8			Walk/Bicycle (PAEA7)
12	PAEA8	Num	8			Number of Days Walk/Bicycle (PAEA8)
13	PAEA9A	Num	8			Hours Walk/Bicycle (PAEA9A)
14	PAEA9B	Num	8			Minutes Walk/Bicycle (PAEA9B)
15	PAEA10	Num	8			PA Leisure: Vigorous Sports (PAEA10)
16	PAEA11A	Num	8			Vigorous Sports: American football (PAEA11A)
17	PAEA11B	Num	8			Vigorous Sports: Basketball (PAEA11B)
18	PAEA11C	Num	8			Vigorous Sports: Boxing (PAEA11C)
19	PAEA11D	Num	8			Vigorous Sports: Fencing (PAEA11D)
20	PAEA11E	Num	8			Vigorous Sports: Handball (PAEA11E)
21	PAEA11F	Num	8			Vigorous Sports: High intensity Aerobics (PAEA11F)
22	PAEA11G	Num	8			Vigorous Sports: Hockey (ice or field) (PAEA11G)
23	PAEA11H	Num	8			Vigorous Sports: Lacrosse (PAEA11H)
24	PAEA11I	Num	8			Vigorous Sports: Hard Lap swimming (PAEA11I)
25	PAEA11J	Num	8			Vigorous Sports: Racquetball (PAEA11J)
26	PAEA11K	Num	8			Vigorous Sports: Running (PAEA11K)
27	PAEA11L	Num	8			Vigorous Sports: Soccer/football (PAEA11L)
28	PAEA11M	Num	8			Vigorous Sports: Volleyball (competitive) (PAEA11M)
29	PAEA11N	Num	8			Vigorous Sports: Water Polo (PAEA11N)
30	PAEA11O	Num	8			Vigorous Sports: Weight lifting (PAEA11O)
31	PAEA11P	Num	8			Vigorous Sports: Indoor cycling/spinning (PAEA11P)
32	PAEA11Q	Num	8			Vigorous Sports: Other (PAEA11Q)
33	PAEA12	Num	8			Number of Days Vigorous Sports (PAEA12)
34	PAEA13A	Num	8			Hours Vigorous Sports (PAEA13A)
35	PAEA13B	Num	8			Minutes Vigorous Sports (PAEA13B)
36	PAEA14	Num	8			PA Leisure: Moderate Sports (PAEA14)

Num	Variable	Type	Len	Format	Informat	Label
37	PAEA15A	Num	8			Moderate Sports: Aerobic dance/Step/Taibo (PAEA15A)
38	PAEA15B	Num	8			Moderate Sports: Baseball/softball (PAEA15B)
39	PAEA15C	Num	8			Moderate Sports: Brisk walking (PAEA15C)
40	PAEA15D	Num	8			Moderate Sports: Canoeing/kayaking (PAEA15D)
41	PAEA15E	Num	8			Moderate Sports: Coaching sports (PAEA15E)
42	PAEA15F	Num	8			Moderate Sports: Cricket (PAEA15F)
43	PAEA15G	Num	8			Moderate Sports: Light Cycling (PAEA15G)
44	PAEA15H	Num	8			Moderate Sports: Dance (PAEA15H)
45	PAEA15I	Num	8			Moderate Sports: Exercise machines (PAEA15I)
46	PAEA15J	Num	8			Moderate Sports: Frisbee play (PAEA15J)
47	PAEA15K	Num	8			Moderate Sports: Hunting and fishing (PAEA15K)
48	PAEA15L	Num	8			Moderate Sports: Jai alai (PAEA15L)
49	PAEA15M	Num	8			Moderate Sports: Karate/judo/other martial (PAEA15M)
50	PAEA15N	Num	8			Moderate Sports: Rock climbing (PAEA15N)
51	PAEA15O	Num	8			Moderate Sports: Skating (roller or ice)/R (PAEA15O)
52	PAEA15P	Num	8			Moderate Sports: Skin/Scuba diving (PAEA15P)
53	PAEA15Q	Num	8			Moderate Sports: Surfing (PAEA15Q)
54	PAEA15R	Num	8			Moderate Sports: Swimming laps (PAEA15R)
55	PAEA15S	Num	8			Moderate Sports: Table tennis (PAEA15S)
56	PAEA15T	Num	8			Moderate Sports: Tai chi (PAEA15T)
57	PAEA15U	Num	8			Moderate Sports: Tennis (PAEA15U)
58	PAEA15V	Num	8			Moderate Sports: Volleyball (PAEA15V)
59	PAEA15W	Num	8			Moderate Sports: Weight lifting (PAEA15W)
60	PAEA15X	Num	8			Moderate Sports: Other (PAEA15X)
61	PAEA16	Num	8			Number of Days Moderate Sports (PAEA16)
62	PAEA3A_MIN	Num	8			PA at work: Minutes of Vigorous Activity
63	PAEA6A_MIN	Num	8			PA at work: Minutes of Moderate Activity
64	PAEA9A_MIN	Num	8			Minutes Walk/Bicycle
65	PAEA13A_MIN	Num	8			Minutes Vigorous Sports
66	PAEA17A_MIN	Num	8			Minutes Moderate Sports
67	PAEA18A_MIN	Num	8			Minutes Sedentary



**Data Set Name:** *part\_derv\_lad1.sas7bdat*

Num	Variable	Type	Len	Label
1	PID	Char	8	Random BioLINCC ID for LAD
2	HEIGHT	Num	8	Height (corrected)
3	STRAT	Num	8	Stratification Variable ID
4	PSU_ID	Num	8	Primary Sampling Unit ID
5	LIST_CNT	Num	8	Sampel List-level Hispanic Household Frame Counts
6	STRAT_CNT	Num	8	Stratum-level Hispanic Household Frame Counts
7	PSU_CNT	Num	8	BG-level Hispanic Household Frame Counts
8	FULL_AFU_ELIGIBLE	Num	8	Annual Follow-Up Eligibity (minimum set of forms present)
9	WEIGHT_FINAL_NORM_CENTER	Num	8	FC-specific Normalized Census 2010 Calibrated Trimmed NonResponse Adjusted Final Weights - Year 1-3 (frozen as of 10/27/2011)
10	WEIGHT_FINAL_NORM_OVERALL	Num	8	Overall Sample Normalized Census 2010 Calibrated Trimmed NonResponse Adjusted Final Weights - Year 1-3 (frozen as of 10/27/2011)
11	WEIGHT_FINAL_EXPANDED	Num	8	Expanded Census 2010 Final Calibrated Trimmed Nonresponse Adjusted Final Weights - Year 1-3 (frozen as of 10/27/2011)
12	PRED_TRANSFAT	Num	8	Trans Fat - NCI predicted intake, % Calories (PCTTRANSFAT)
13	PRED_SODIUM	Num	8	Sodium - NCI predicted intake, mg/d (DTIA67)
14	PRED_PCTPUFA	Num	8	PUFA exclude EPA & DHA - NCI predicted intake, % Calories (PCTPUFA_NOEPADHA)
15	PRED_EPADHA	Num	8	EPA and DHA - NCI predicted intake, mg/d (EPADHA)
16	PRED_VEG_WOPOT	Num	8	Vegetable without potatoes - NCI predicted intake, servings/d (VEG_ALL_WOPOTATO)
17	PRED_FRUIT_WHL	Num	8	Whole Fruit - NCI predicted intake, servings/d (FRUIT_ALL_WOJUICE)
18	PRED_GRAIN_WHL	Num	8	Whole Grain - NCI predicted intake, servings/d (GRAIN_WHL)
19	PRED_SWEBJ	Num	8	Sugar-sweetened beverages and fruit juice - NCI predicted intake, servings/d (SUGAR_SWTBFIJ)
20	PRED_NUTLEG	Num	8	Nuts and Legumes - NCI predicted intake, servings/d (NUTLEG)
21	PRED_ALC	Num	8	Alcohol - NCI predicted intake, servings/d (ALCOHOL)
22	PRED_REDPROCESS	Num	8	Red/Processed Meat - NCI predicted intake, servings/d (MEAT_REDPROCESSED)
23	AHEI1	Num	8	Veg without potato, score
24	AHEI2	Num	8	Whole fruit, score
25	AHEI3	Num	8	Whole grains, score
26	AHEI4	Num	8	Sweetened bev & fruit juice, score
27	AHEI5	Num	8	Nuts & legumes, score
28	AHEI6	Num	8	Red/processed meat, score
29	AHEI7	Num	8	Trans Fat, score
30	AHEI8	Num	8	EPA+DHA, score
31	AHEI9	Num	8	PUFA, score
32	AHEI10	Num	8	Sodium, score

Num	Variable	Type	Len	Label
33	AHEI1	Num	8	Alcohol, score
34	AHEI2010	Num	8	Alternative Healthy Eating Index 2010
35	CENTER	Char	1	Center
36	DIET_SCORE_JAMA	Num	8	Diet Score from 1st JAMA paper
37	DIET_SCORE_JAMA_C2	Num	8	Categorized Diet Score JAMA (1=Below,2=Above 60th %-tile)
38	AGE	Num	8	Age
39	AGEGROUP_C2	Num	8	1(18-44),2(45+)
40	AGG_PHYS	Num	8	Aggregate physical health score norm-based transformed
41	AGG_MENT	Num	8	Aggregate mental health score norm-based transformed
42	RACE	Num	8	Race Group (self-report)
43	US_BORN	Num	8	Born in mainland US (50 States + DC)
44	LEFT_ABI	Num	8	Left Ankle Branchial Index (occ. failure incl.)
45	RIGHT_ABI	Num	8	Right Ankle Branchial Index (occ. failure incl.)
46	ABI_OVERALL	Num	8	Overall Ankle Branchial Index (occ. failure incl.)
47	BMI	Num	8	BMI (kg/m2)
48	COPD_SELF	Num	8	Self-report of ever had COPD/Emph
49	COPD_EVER	Num	8	Self-report of ever had COPD/Emph or CB
50	MRC_CB	Num	8	Chronic Productive Cough 3+ mths in 2+ yrs
51	WHEEZE_SB	Num	8	Wheezing ever with shortness of breath
52	WHEEZE_LAST12	Num	8	Wheezing in last 12 months
53	ASTHMA_EVER	Num	8	Ever Asthma
54	ASTHMA_EVER_MD	Num	8	Ever had asthma with MD diagnosis
55	ASTHMA_CURR	Num	8	Current Asthma
56	ASTHMA_CURR_MD	Num	8	Currently have asthma with ever MD diagnosis
57	ASTHMA_C4_MD	Num	8	4-level grouped Asthma Status - by MD diagnosis
58	ASTHMA_C4	Num	8	4-level grouped Asthma Status
59	GENDER	Char	1	Gender (F=Female, M=Male)
60	WAIST_HIP	Num	8	Waist to Hip Ratio
61	FEV1_FVC_RATIO	Num	8	FEV1_FVC (%)
62	VALID_SPIROMETRY	Num	8	Valid Spirometry Studies (Pre)
63	VALID_SPIROMETRY_POSTBD	Num	8	Valid Spirometry Studies (Post BD)
64	AIRFLOW_OBSTRUCTION	Num	8	Obstructive Lung Disease suspect
65	BD_RESPONSE_ABS	Num	8	Bronchodilator Responsive by 15% change
66	POSTBD_PREBD_DIFF	Num	8	Post(FEV1%pred)-Pre(FEV1%pred)
67	CONSENT	Num	8	Consent to Participate in HCHS\SOL Study
68	MED_ESTROGENS	Num	8	Estrogens
69	MED_ESTROGEN_COMBO	Num	8	Estrogens - Combinations Only
70	MED_CONTRACEPTIVES	Num	8	Contraceptives
71	MED_PROGESTINS	Num	8	Progestins

Num	Variable	Type	Len	Label
72	MED_SERM	Num	8	Selective Estrogen Receptor Modulators
73	MED_FERTILITY_REG	Num	8	Fertility Regulators
74	MED_LHRH	Num	8	LHRH/GnRH Only
75	MED_LHRH_AG	Num	8	LHRH/GnRH Agonist Analog
76	MED_LHRH_ANT	Num	8	LHRH/GnRH Antagonists
77	MED_CURRENT_HRT	Num	8	Any Hormone Repl. Therapy
78	MED_LLD	Num	8	Lipid lowering drugs/Antihyperlipidemics (LLD)
79	MED_STATIN	Num	8	Statins
80	MED_ASPIRIN	Num	8	Aspirin-containing analgesics
81	MED_ANTICOAG_COUMARIN	Num	8	Coumarin anticoagulants
82	MED_ANTICOAG_HEPARIN	Num	8	Heparin anticoagulants
83	MED_ANTIPLATELET	Num	8	Antiplatelets
84	MED_CLOPID	Num	8	Clopidogrel (Plavix)
85	MED_ANTIDIAB	Num	8	Antidiabetics
86	MED_ANTICOAG	Num	8	Anticoagulants
87	MED_COX2	Num	8	COX-2 inhibitors
88	MED_OI_STEROID	Num	8	Oral/inhalantable Glucocorticosteroids
89	MED_CHEMO	Num	8	Chemotherapy
90	MED_NSAID	Num	8	NSAIDs
91	MED_METFORMIN	Num	8	Metformins
92	MED_INSULIN	Num	8	Insulins
93	MED_ANTIASTHMATICS	Num	8	Antiasthmatic or bronchodilator agents
94	MED_ANTIHYPERT	Num	8	Antihypertensives
95	MED_CACB	Num	8	Calcium Channel Blockers
96	MED_ANTIARRHYTHMICS	Num	8	AntiArrhythmics
97	MED_ANTIHYPERT_ACEI	Num	8	ACE Inhibitors
98	MED_CARDIACGLYCOSIDES	Num	8	Cardiac Glycosides
99	MED_ANTIANGINAL	Num	8	Antianginals
100	MED_BB	Num	8	Beta Blockers
101	MED_BB_OPHTHALMIC	Num	8	Ophthalmic Beta Blockers
102	MED_ANTIHYPERT_AT2RAS	Num	8	Angiotensin II Receptor Antagonists
103	MED_DIURETIC	Num	8	Diuretics
104	MED_DIURETIC_THIAZIDE	Num	8	Thiazide Diuretics
105	MED_FIBRES_NICOACID	Num	8	Fibric/Nicotinic Acids (trt of TG and HDL)
106	MED_PULMONARY	Num	8	Pulmonary medication
107	MED_ANTIANXI	Num	8	Antianxiety agents
108	MED_ANTIDEPRESS	Num	8	Antidepressants
109	MED_ANTIDEPRE_SSRI	Num	8	Antidepressants - selective serotonin re-uptake inhibitors
110	MED_ANTIDEPRE_TRICYC	Num	8	Antidepressants tricyclic antidepressants

Num	Variable	Type	Len	Label
111	MED_ANTIPSYCHO	Num	8	Antipsychotics
112	STAI10	Num	8	10-Item State Trait Anxiety Inventory
113	US_NATIVE	Num	8	US Born (including territories)
114	MARITAL_STATUS	Num	8	Marital Status (collapsed categories)
115	INCOME	Num	8	Yearly Household Income (ECEA3 and ECEA4)
116	INCOME_C5	Num	8	Yearly Household Income (collapsed categories)
117	EMPLOYED	Num	8	Employment Status (includes retirees)
118	BKGRD1	Num	8	Background with Other reclassified
119	BKGRD1_C6	Num	8	Background with Other reclassified (collapsed categories)
120	LANG_PREF	Num	8	Language preference - (1=Span, 2=Eng)
121	YRSUS	Num	8	Years lived in US
122	METS_IDF	Num	8	Metabolic Syndrome - IDF definition
123	SASH_SOC	Num	8	SASH ethic social relations subscale
124	ETHIS	Num	8	Ethnic identity score
125	INSULIN_FAST	Num	8	Insulin, fasting (calibrated, converted to mU/L)
126	BMIGRP_C4	Num	8	4-level grouped Body Mass Index - WHO
127	ABIGRP_C4	Num	8	4-level grouped Ankle Brachial Index (occ. failure incl.)
128	ALCOHOL_USE	Num	8	Alcohol Use (1=Never,2=Former,3=Current)
129	CIGARETTE_USE	Num	8	Cigarette Use (1=Never,2=Former,3=Current)
130	HYPERTENSION	Num	8	Hypertension (BP>=140/90 and Med Use)
131	HYPERTENSION2	Num	8	Hypertension using NHANES definition
132	HYPERT_AWARENESS	Num	8	Awareness of Hypertension - NHANES
133	HYPERT_TREATMENT	Num	8	Treatment of Hypertension - NHANES
134	HYPERT_CONTROL	Num	8	Control of Hypertension - NHANES
135	DIABETES1	Num	8	3-level grouped Diabetes ver.1
136	DIABETES2	Num	8	3-level grouped Diabetes - ADA
137	DIABETES_LAB	Num	8	3-level grouped Diabetes - Lab
138	DIABETES_SELF	Num	8	Diabetes - self report only
139	DIABETES3	Num	8	3-level grouped Diabetes - includes self-report
140	DIABETES_C4	Num	8	4-level grouped diabetes (none/pre/treated/untreated)
141	DIAB_DIAG	Num	8	Diabetes Diagnosis time
142	DIAB_FAMHIST	Num	8	Family History of Diabetes
143	PRECHD_NO_ANGINA	Num	8	Prevalent Coronary Heart Disease
144	PRECHD_ANGINA	Num	8	Prevalent Coronary Heart Disease, including self-report
145	STROKE	Num	8	Prevalent Stroke, self report
146	STROKE_TIA	Num	8	Prevalent Stroke or TIA, self report
147	CDCR	Num	8	Cerebrovascular Disease and Carotid Revascularization, self-report
148	AGEGROUP_C6	Num	8	6-level Age Sub-groups
149	MI_ECG	Num	8	MI defined by ECG results

Num	Variable	Type	Len	Label
150	N_HC	Num	8	Health Insurance Coverage - Current
151	PERIODONTAL_DISEASE	Num	8	Periodontal Disease - NIDCR
152	CKD	Num	8	Chronic Kidney Disease using eGFR only (NIDDK)
153	CLAUDICATION_INT	Num	8	Intermittent Claudication - either leg
154	DYSLIPIDEMIA	Num	8	Dyslipidemia (High LDL, low HDL, or high triglycerides) - NIH
155	CARDIAC_RISK_RATIO	Num	8	Cardiac Risk Ratio (TC/HDL) - AHA
156	ESS	Num	8	Epworth Sleepiness Scale
157	ESS_GE10	Num	8	Excessive sleepiness (ESS>=10)
158	AHI_GE15	Num	8	Sleep Apnea defined as Apnea/Hypopnea Index (3% desat) >= 15
159	ASTHMA_MEDS	Num	8	Asthma Med Use - self/scanned (curr asthma by MD diag)
160	COPD_MEDS	Num	8	COPD Med Use - self/scanned (ever COPD by MD diag)
161	COPD_BY_BD	Num	8	COPD by BD Test
162	COPD_BY_BD_ALLPRE	Num	8	COPD by BD Test (for all valid PRE_BD)
163	AGEGROUP_C6_NHANES	Num	8	6-Level Age Groups (NHANES standardization)
164	YRSUS_C2	Num	8	2-level grouped years lived in the US (50 States)
165	PHLEGM	Num	8	Phlegm day/night 3 months in a row (0/1 only)
166	PNEUMONIA	Num	8	Pneumonia (0/1 only)
167	GENOTYPING	Num	8	Full consent for genotyping
168	EVER_ANGINA_RELATIVE	Num	8	At least one relative had report of angina
169	EVER_MI_RELATIVE	Num	8	At least one relative had report of heart attack
170	EVER_CABG_RELATIVE	Num	8	At least one relative had report of CABG or angioplasty
171	FH_CHD	Num	8	Family history of CHD including self-reported angina
172	FH_STROKE	Num	8	Family history of stroke
173	AIRFLOW_LIMITATION	Num	8	Airflow Limitation (pre FEV1/FVC<70 only)
174	POSTBD_PREBD_DIFF_GT12_V2	Num	8	Post(FEV1%pred)-Pre(FEV1%pred)>=12% (pre FEV1/FVC<70 only)
175	SBD5	Num	8	Sleep Apnea Syndrome (Apnea/Hypopnea Index (3% desat)>=5 & ESS>=10)
176	NATIVITY_SUBSCORE_MESA	Num	8	Nativity Subscore - MESA
177	LANGUAGE_SUBSCORE_MESA	Num	8	Language Subscore - MESA
178	ACCULT_MESA	Num	8	Acculturation Score - MESA
179	DNA_AVAILABLE	Num	8	DNA Available (1=Yes,0=No)
180	BMIGRP_C6	Num	8	6-level grouped Body Mass Index - WHO
181	BKGRD1_C7	Num	8	7-level re-classification of Hispanic/Latino Background
182	CENTERNUM	Num	8	Participant's Field Center - numeric
183	GENDERNUM	Num	8	Gender (0=Female, 1=Male)
184	DIGITSYMBOL	Num	8	Digit Symbo Substitution Score (NEEA14)
185	SEVLT_3TRIALS	Num	8	SEVTL, Sum of 3 Trials (NEEA8=10)
186	SEVLT_RECALL	Num	8	SEVLT, Delay Recall (NEEA11 with re-coding)
187	WORDFREQ	Num	8	Word Frequency (A+F) (NEEA12-13)

Num	Variable	Type	Len	Label
188	TOTALDRINKS_PER_WEEK	Num	8	Total Weekly Alcohol Consumption
189	ALCOHOL_USE_DISORDER	Num	8	Alcohol Use Disorder Risk
190	PERIO_CDC_AAP	Num	8	Periodontitis Severity using CDC/AAP Grades
191	PERIO_EXTENT	Num	8	Percentage Interproximal Sites Positive for Periodontitis
192	ECG_MAJ	Num	8	Major ECG Abnormalities
193	ECG_MIN	Num	8	Minor ECG Abnormalities
194	LISTNUM	Num	8	List Address Record Assigned (1=Nn-Hispanic Surname List or 2=Hispanic Surname List)
195	HOMA_IR	Num	8	HOMA index of Insulin Resistance
196	HOMA_B	Num	8	HOMA index of Beta Cell Function
197	AGE_IMMI	Num	8	Age of immigration among participants who were not born in US mainland (50 US States + DC)
198	SITE_BKGRD	Num	8	Cross-Classification of Center and Hispanic/Latino Background
199	NO_DISABILITY_6ITEM	Num	8	No Disability on NEEA5-7 (1=Yes,0=No)
200	TOTAL_6ITEM	Num	8	Total Score on 6 Item Screener (with re-coding)
201	SLPDUR_WKDAY	Num	8	Weekday sleep duration (hours)
202	SLPDUR_WKEND	Num	8	Weekend sleep duration (hours)
203	SLPDUR	Num	8	Average sleep duration (hours)
204	CHD_SELF	Num	8	Self-reported CHD
205	CURRENT_SMOKER	Num	8	Current Smoker (from CIGARETTE_USE)
206	DIABETES2_INDICATOR	Num	8	Diabetes Indicator - ADA
207	HIGH_TOTAL_CHOL	Num	8	Hypercholesterolemia (from LABA66,LABA68,LABA69,MED_LLD)
208	CVD_FRAME	Num	8	Framingham CVD composite criterion
209	FRAME_CVD_RISK_10YR	Num	8	Framingham CVD - 10 year risk (w/lab predictors)
210	HBA1C_SI	Num	8	Glycosylated Hemoglobin (HbA1c) in SI units (mmol/mol), nearest integer
211	GPAQ_WORK_VIG	Num	8	Work-related (vigorous) physical activity (min/day)
212	GPAQ_WORK_MOD	Num	8	Work-related (moderate) physical activity (min/day)
213	GPAQ_WORK	Num	8	Work-related physical activity (min/day)
214	GPAQ_TRSPORT	Num	8	Transportation-related physical activity (min/day)
215	GPAQ_REC_VIG	Num	8	Recreational physical (vigorous) activity (min/day)
216	GPAQ_REC_MOD	Num	8	Recreational physical (moderate) activity (min/day)
217	GPAQ_REC	Num	8	Recreational physical activity (min/day)
218	GPAQ_TOTAL_MET	Num	8	Total physical activity (MET-min/day)
219	GPAQ_TOTAL	Num	8	Total physical activity (min/day)
220	GPAQ_TOTAL_VIG	Num	8	Total physical (vigorous) activity (min/day)
221	GPAQ_TOTAL_MOD	Num	8	Total physical (moderate) activity (min/day)
222	GPAQ_LEVEL	Num	8	Physical activity level (low, mod, high)
223	GPAQ_MOD_WEEK	Num	8	GPAQ - Total physical (moderate) activity (min/week)
224	GPAQ_VIG_WEEK	Num	8	GPAQ - Total physical (vigorous) activity (min/week)

Num	Variable	Type	Len	Label
225	GPAQ_MV_WEEK	Num	8	GPAQ - Total physical activity (min/week)
226	GPAQ_PAG2008	Num	8	Activity level per 2008 PA guidelines (categorical - 4 levels)
227	GPAQ_PAG2008YN	Num	8	Meets 2008 activity level guidelines (1=Yes,0=No)
228	WHIIRS	Num	8	Womens's Health Initiative Insomnia Rating Scale
229	SITE_BKGRD_45PLUS	Num	8	Cross-Classification of Center and Hispanic Latino Background, 45+ Years Only
230	EDUCATION_C2	Num	8	Education Status (2 levels)
231	EDUCATION_C3	Num	8	Education Status (3 levels)
232	ALCOHOL_USE_LEVEL	Num	8	Alcohol Use Drinking Level
233	INCOME_C3	Num	8	3-level grouped yearly household income
234	DOCTOR_VISIT	Num	8	Doctor/HCP number of visits in past 12 months (1=0,2=once,3=2-3 times,4=more than 3 times)
235	GFRSCYS	Num	8	eGFR based on serum cystatin C w/o demographics
236	GFRSCYS_SCR	Num	8	eGFR based on serum cystatin C, serum creatinine, gender, age, and race
237	GFRSCR	Num	8	eGFR based on serum creatinine, gender, age and race
238	HYPERTENSION_C4	Num	8	4-level grouped hypertension (none/pre/treated/untreated)
239	CESD10	Num	8	CESD 10-item total summary score
240	POSTBD_EXPECTED	Num	8	Post-BD Expected (among valid spirometry
241	VALID_SPIROMETRY_POSTBD_V2	Num	8	Valid post-spirometry (A-D grading) adjusted for unexpected BDs
242	LEFT_ABIGRP_C4	Num	8	Left 4-level grouped Ankle Brachial Index (occ. failure incl.)
243	RIGHT_ABIGRP_C4	Num	8	Right 4-level grouped Ankle Brachial Index (occ. failure incl.)
244	NP_PERMIT	Num	8	Permission for non-profit use of data
245	EXTERNAL_PERMIT	Num	8	Permission for investigators outside HCHS/SOL
246	COMMERCIAL_PERMIT	Num	8	Permission for for-profit use of data
247	ANY_PERMIT	Num	8	Any permission for public use of data
248	EXPOSURE_YEAR	Num	8	Adjusted Years Smoked
249	CIGARETTES_YEAR	Num	8	Adjusted Cigarettes per Year
250	CIGARETTE_PACK_YEARS	Num	8	Cigarette Pack Years
251	CIGARETTE_PACK_YEARS_C3	Num	8	Cigarette Pack Years (3-level, cutoff=10)
252	DM_AWARE	Num	8	Diabetes awareness at baseline
253	DM_CONTROL	Num	8	Diabetes controlled: DM Classified at Baseline and A1C < 7%
254	METS_NCEP	Num	8	Metabolic Syndrome - NCEP ATP III
255	METS_NCEP2	Num	8	Metabolic Syndrome w/Self-Reported Meds - NCEP ATP III
256	IMGEN_C2	Num	8	
257	INSULIN_OGTT	Num	8	Insulin, post OGTT (calibrated, converted to mU/L)
258	SASH_LANG	Num	8	Short acculturation scale for Hispanics-language subscale
259	OCCUPATION_CURR	Num	8	Current Occupation (collapsed categories)
260	OCCUPATION_LONG	Num	8	Longest Held Occupation (collapsed categories)
261	IMGEN_C4	Num	8	Immigrant Generation - 1-1st,2=2nd,3=3rd,4=4th

Num	Variable	Type	Len	Label
262	COHORT	Num	8	Cohort Year (from Household Address Wave Assignment)



**Data Set Name:** *pera\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	PERAQTS	Char	2	\$2.	\$2.	QTS Number for Tooth [1st digit=quadrant (1-4), 2nd digit=tooth (1-8)]
4	PERASTAT	Char	1	\$1.	\$1.	Tooth Status
5	PERARES	Char	1	\$1.	\$1.	Restorative Material Used
6	PERACOT	Char	1	\$1.	\$1.	Existence of Coronal Caries Anywhere on the Tooth or Reason for Missing (for missing teeth)
7	VISIT	Num	8			
8	FSEQNO	Num	8			
9	LINENUMBER	Num	8			
10	PERAA0	Num	8			Coronal Caries - Surface Codes
11	PERAA1	Num	8			Coronal Caries - Surface Codes
12	PERAA2	Num	8			Coronal Caries - Surface Codes
13	PERAA3	Num	8			Coronal Caries - Surface Codes
14	PERAA4	Num	8			Coronal Caries - Surface Codes run
15	PERABMB	Num	8			Bleeding on Probing (BOP) - Mesial Buccal
16	PERABBU	Num	8			Bleeding on Probing (BOP) - B, Buccal
17	PERABDB	Num	8			Bleeding on Probing (BOP) - Disto-buccal
18	PERABDL	Num	8			Bleeding on Probing (BOP) - Disto-lingual
19	PERABLN	Num	8			Bleeding on Probing (BOP) - Lingual
20	PERABML	Num	8			Bleeding on Probing (BOP) - Mesial Lingual
21	PERACMB	Num	8			Cemento-Enamel Junction (CEJ) - Mesial Buccal
22	PERACBU	Num	8			Cemento-Enamel Junction (CEJ) - B, Buccal
23	PERACDB	Num	8			Cemento-Enamel Junction (CEJ) - Disto-buccal
24	PERACDL	Num	8			Cemento-Enamel Junction (CEJ) - Disto-lingual
25	PERACLN	Num	8			Cemento-Enamel Junction (CEJ) - Lingual
26	PERACML	Num	8			Cemento-Enamel Junction (CEJ) - Mesial Lingual
27	PERAPMB	Num	8			Pocket Depth (PD)- Mesial Buccal
28	PERAPBU	Num	8			Pocket Depth (PD)- B, Buccal
29	PERAPDB	Num	8			Pocket Depth (PD)- Disto-buccal
30	PERAPDL	Num	8			Pocket Depth (PD)- Disto-lingual
31	PERAPLN	Num	8			Pocket Depth (PD)- Lingual
32	PERAPML	Num	8			Pocket Depth (PD)- Mesial Lingual

**Data Set Name:** *piea\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	PIEA4	Char	2	\$2.	\$2.	Country/Territory Born (PIEA4)
5	PIEA11	Char	2	\$2.	\$2.	Where mother born (PIEA11)
6	PIEA12	Char	2	\$2.	\$2.	Where maternal grandmother born (PIEA12)
7	PIEA13	Char	2	\$2.	\$2.	Where maternal grandfather born (PIEA13)
8	PIEA14	Char	2	\$2.	\$2.	Where father born (PIEA14)
9	PIEA15	Char	2	\$2.	\$2.	Where paternal grandmother born (PIEA15)
10	PIEA16	Char	2	\$2.	\$2.	Where paternal grandfather born (PIEA16)
11	PIEA18	Char	2	\$2.	\$2.	Country highest level completed (PIEA18)
12	VISIT	Num	8			
13	FSEQNO	Num	8			
14	LINENUMBER	Num	8			
15	PIEA1	Num	8			Gender (PIEA1)
16	PIEA3	Num	8			Marital Status (PIEA3)
17	PIEA5A	Num	8			Hispanic/Latino Heritage (PIEA5A)
18	PIEA6	Num	8			Self-Ident Race/Ethnicity Categories (PIEA6)
19	PIEA7	Num	8			Years Lived in Mainland US (PIEA7)
20	PIEA8	Num	8			Live in same state all year (PIEA8)
21	PIEA9	Num	8			Return to native country in a yr (PIEA9)
22	PIEA10	Num	8			Months per year in Native country (PIEA10)
23	PIEA17	Num	8			Years of school completed (PIEA17)
24	PIEA19A	Num	8			Highest grade/level completed (PIEA19A)
25	PIEA20	Num	8			Diploma/degree/certificates received (PIEA20)
26	PIEA21A	Num	8			High School diploma/equival (PIEA21A)
27	PIEA21B	Num	8			Trade school/vocational (PIEA21B)
28	PIEA21C	Num	8			Associate (PIEA21C)
29	PIEA21D	Num	8			Bachelor's (PIEA21D)
30	PIEA21E	Num	8			Master's (PIEA21E)
31	PIEA21F	Num	8			Professional (PIEA21F)
32	PIEA21G	Num	8			Doctorate (PIEA21G)
33	PIEA21H	Num	8			Other Degree (PIEA21H)
34	PIEA22A	Num	8			Father Highest grade/level completed (PIEA22A)
35	PIEA23A	Num	8			Mother Highest grade/level completed (PIEA23A)
36	J	Num	8			



**Data Set Name:** *pmia\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	SUPPLID	Num	8			Index of supplement
3	PMIA6	Char	12	\$12.	\$12.	DSAM Supplement ID
4	PMIA7	Char	254	\$254.	\$254.	Product Name
5	PMIA8	Char	1	\$1.	\$1.	Label seen
6	PMIA9	Num	8			Days taken in last 30
7	PMIA10	Num	8			Number per day taken in last 30
8	PMIA11	Char	30	\$30.	\$30.	Unit per day taken in last 30
9	PMIA12	Num	8			Taken for (amount)
10	PMIA13	Char	1	\$1.	\$1.	Taken for (unit)
11	PMIA15	Char	10	\$10.	\$10.	Recommended by
12	PMIA16	Char	10	\$10.	\$10.	Where purchased
13	PMIA17	Char	1	\$1.	\$1.	Working as expected
14	PMIA19	Char	1	\$1.	\$1.	Black Cohosh
15	PMIA20	Char	1	\$1.	\$1.	Echinacea
16	PMIA21	Char	1	\$1.	\$1.	Garlic
17	PMIA22	Char	1	\$1.	\$1.	Ginger
18	PMIA23	Char	1	\$1.	\$1.	Ginkgo
19	PMIA24	Char	1	\$1.	\$1.	Ginseng
20	PMIA25	Char	1	\$1.	\$1.	Hawthorn
21	PMIA26	Char	1	\$1.	\$1.	Kava Kava
22	PMIA27	Char	1	\$1.	\$1.	Ma Huang/Ephedra
23	PMIA28	Char	1	\$1.	\$1.	Saw Palmetto
24	PMIA29	Char	1	\$1.	\$1.	St. John's Wort
25	PMIA30	Num	8			Energy (kcal)
26	PMIA31	Num	8			Total Protein (g)
27	PMIA32	Num	8			Total Fat (g)
28	PMIA33	Num	8			Total Carbohydrate (g)
29	PMIA34	Num	8			Total Saturated Fatty Acids (SFA) (g)
30	PMIA35	Num	8			Total Monounsaturated Fatty Acids (MUFA) (g)
31	PMIA36	Num	8			Total Polyunsaturated Fatty Acids (PUFA) (g)
32	PMIA37	Num	8			Omega-3 Fatty Acids in Supplements (mg)
33	PMIA38	Num	8			Cholesterol (mg)
34	PMIA39	Num	8			SFA 8:0 (caprylic acid) (g)
35	PMIA40	Num	8			SFA 10:0 (capric acid) (g)
36	PMIA41	Num	8			SFA 12:0 (lauric acid) (g)

Num	Variable	Type	Len	Format	Informat	Label
37	PMIA42	Num	8			SFA 14:0 (myristic acid) (g)
38	PMIA43	Num	8			SFA 16:0 (palmitic acid) (g)
39	PMIA44	Num	8			SFA 18:0 (stearic acid) (g)
40	PMIA45	Num	8			SFA 20:0 (arachidic acid) (g)
41	PMIA46	Num	8			SFA 22:0 (behenic acid) (g)
42	PMIA47	Num	8			MUFA 16:1 (palmitoleic acid) (g)
43	PMIA48	Num	8			MUFA 18:1 (oleic acid) (g)
44	PMIA49	Num	8			MUFA 20:1 (gadoleic acid) (g)
45	PMIA50	Num	8			PUFA 18:2 (linoleic acid) (g)
46	PMIA51	Num	8			PUFA 18:3 (linolenic acid) (g)
47	PMIA52	Num	8			PUFA 20:4 (arachidonic acid) (g)
48	PMIA53	Num	8			PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
49	PMIA54	Num	8			PUFA 22:6 (docosahexaenoic acid [DHA]) (g)
50	PMIA55	Num	8			Total Vitamin A Activity (International Units) (IU)
51	PMIA56	Num	8			Retinol (mcg)
52	PMIA57	Num	8			Vitamin D (calciferol) (mcg)
53	PMIA58	Num	8			Vitamin E (International Units) (IU)
54	PMIA59	Num	8			Vitamin E (Total Alpha-Tocopherol) (mg)
55	PMIA60	Num	8			Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl-alpha-tocopherol) (mg)
56	PMIA61	Num	8			Beta-Tocopherol (mg)
57	PMIA62	Num	8			Delta-Tocopherol (mg)
58	PMIA63	Num	8			Gamma-Tocopherol (mg)
59	PMIA64	Num	8			Vitamin K (phylloquinone) (mcg)
60	PMIA65	Num	8			Vitamin C (ascorbic acid) (mg)
61	PMIA66	Num	8			Thiamin (vitamin B1) (mg)
62	PMIA67	Num	8			Riboflavin (vitamin B2) (mg)
63	PMIA68	Num	8			Niacin (vitamin B3) (mg)
64	PMIA69	Num	8			Pantothenic Acid (mg)
65	PMIA70	Num	8			Vitamin B-6 (pyridoxine, pyridoxyl, & pyridoxamine) (mg)
66	PMIA71	Num	8			Synthetic Folate (folic acid) (mcg)
67	PMIA72	Num	8			Vitamin B-12 (cobalamin) (mcg)
68	PMIA73	Num	8			Biotin (mcg)
69	PMIA74	Num	8			Beta-Carotene (provitamin A carotenoid) (mcg)
70	PMIA75	Num	8			Alpha-Carotene (provitamin A carotenoid) (mcg)
71	PMIA76	Num	8			Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
72	PMIA77	Num	8			Lutein and/or Zeaxanthin (mcg)
73	PMIA78	Num	8			Lycopene (mcg)
74	PMIA80	Num	8			Boron (mcg)
75	PMIA81	Num	8			Calcium (mg)

Num	Variable	Type	Len	Format	Informat	Label
76	PMIA82	Num	8			Chromium (mcg)
77	PMIA83	Num	8			Copper (mg)
78	PMIA84	Num	8			Fluoride (mcg)
79	PMIA85	Num	8			Iodine (mcg)
80	PMIA86	Num	8			Iron (mg)
81	PMIA87	Num	8			Magnesium (mg)
82	PMIA88	Num	8			Manganese (mg)
83	PMIA89	Num	8			Molybdenum (mcg)
84	PMIA90	Num	8			Nickel (mcg)
85	PMIA91	Num	8			Phosphorus (mg)
86	PMIA92	Num	8			Potassium (mg)
87	PMIA93	Num	8			Selenium (mcg)
88	PMIA94	Num	8			Silicon (mg)
89	PMIA95	Num	8			Sodium (mg)
90	PMIA96	Num	8			Vanadium (mcg)
91	PMIA97	Num	8			Zinc (mg)
92	PMIA98	Num	8			Tryptophan (g)
93	PMIA99	Num	8			Threonine (g)
94	PMIA100	Num	8			Isoleucine (g)
95	PMIA101	Num	8			Leucine (g)
96	PMIA102	Num	8			Lysine (g)
97	PMIA103	Num	8			Methionine (g)
98	PMIA104	Num	8			Cystine (g)
99	PMIA105	Num	8			Phenylalanine (g)
100	PMIA106	Num	8			Tyrosine (g)
101	PMIA107	Num	8			Valine (g)
102	PMIA108	Num	8			Arginine (g)
103	PMIA109	Num	8			Histidine (g)
104	PMIA110	Num	8			Alanine (g)
105	PMIA111	Num	8			Aspartic Acid (g)
106	PMIA112	Num	8			Glutamic Acid (g)
107	PMIA113	Num	8			Glycine (g)
108	PMIA114	Num	8			Proline (g)
109	PMIA115	Num	8			Serine (g)
110	PMIA116	Num	8			Daidzein (mg)
111	PMIA117	Num	8			Genistein (mg)
112	PMIA118	Num	8			Glycitein (mg)
113	PMIA119	Num	8			Total Dietary Fiber (g)
114	PMIA120	Num	8			Soluble Dietary Fiber (g)

Num	Variable	Type	Len	Format	Informat	Label
115	PMIA121	Num	8			Insoluble Dietary Fiber (g)
116	PMIA122	Num	8			Betaine (mg)
117	PMIA123	Num	8			Choline (mg)
118	PMIA124	Num	8			Caffeine (mg)
119	PMIA125	Num	8			Fructose (g)
120	PMIA126	Num	8			Glucose (g)
121	PMIA127	Num	8			Sucrose (g)
122	PMIA128	Num	8			Inositol (g)
123	PMIA129	Num	8			Mannitol (g)
124	PMIA130	Num	8			Phytic Acid (mg)
125	PMIA131	Num	8			Pinitol (g)
126	PMIA132	Num	8			Sorbitol (g)
127	PMIA133	Num	8			Xylitol (g)
128	PMIA134	Num	8			PUFA 22:5 (docosapentaenoic acid [DPA]) (g)
129	PMIA135	Num	8			CLA cis-9, trans-11 (g)
130	PMIA136	Num	8			CLA trans-10, cis-12 (g)
131	PMIA137	Num	8			MUFA 14:1 (myristoleic acid) (g)
132	FORM	Char	3	\$3.	\$3.	FORM
133	VERS	Char	1	\$1.	\$1.	VERS
134	SMIA17	Num	8			Intake Reliability
135	C_PMIA7	Num	8			

**Data Set Name:** *poba\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	POBA3	Char	12	\$12.	\$12.	FVC quality attribute (A, B, C, D or F) (POBA3)
5	POBA4	Char	12	\$12.	\$12.	FEV1 quality attribute (A, B, C, D or F) (POBA4)
6	POBA8	Char	12	\$12.	\$12.	Client's Efforts
7	POBA14	Char	12	\$12.	\$12.	Calibration result (P or F for 'passed' or 'failed') (POBA14)
8	POBA24	Char	12	\$12.	\$12.	Testing position (standing or sitting) (POBA24)
9	POBA50	Char	12	\$12.	\$12.	Interpretability Code: "Within normal limits", "Outside Normal Limits" or "Not Interpret"
10	POBA51	Char	12	\$12.	\$12.	Interpretation code (see MESA interpretation scheme) (POBA51)
11	VISIT	Num	8			
12	FSEQNO	Num	8			
13	LINENUMBER	Num	8			
14	POBA1	Num	8			Barometric pressure (mmHg) (POBA1)
15	POBA2	Num	8			Temperature (°C) used in BTPS calculation (POBA2)
16	POBA5	Num	8			Number of Maneuvers (All) (POBA5)
17	POBA6	Num	8			Number Deleted Maneuvers (POBA6)
18	POBA7	Num	8			Number Acceptable Maneuvers (POBA7)
19	POBA11	Num	8			BTPS factor (x.xxx) (POBA11)
20	POBA18	Num	8			Age (integer years) (POBA18)
21	POBA23	Num	8			Reference values correction factor (x.xx, 1.00 for no correction) (POBA23)
22	POBA25	Num	8			FVC (mL) (POBA25)
23	POBA26	Num	8			Vext - Extrapolated volume (mL) (POBA26)
24	POBA27	Num	8			FEV 0.5 (mL) (POBA27)
25	POBA28	Num	8			FEV0.75 (mL) (POBA28)
26	POBA29	Num	8			FEV1 (mL) (POBA29)
27	POBA30	Num	8			FEV 3 ( mL) (POBA30)
28	POBA31	Num	8			FEV6 (mL) (POBA31)
29	POBA32	Num	8			PEF (mL/s) (POBA32)
30	POBA33	Num	8			FEF25-75% (mL/s) (POBA33)
31	POBA34	Num	8			Forced expiratory time (s) (POBA34)
32	POBA35	Num	8			Time to PEF (ms) (POBA35)
33	POBA38	Num	8			Predicted FEV6 (mL) (POBA38)
34	POBA41	Num	8			Predicted PEF (mL/s) (POBA41)
35	POBA45	Num	8			LowerLimit of Normal FEV6 (mL) (POBA45)
36	POBA48	Num	8			LowerLimit of Normal PEF (mL/s) (POBA48)



Num	Variable	Type	Len	Format	Informat	Label
37	POBA36	Num	8			Predicted FVC (mL) (recalculated) (POBA36)
38	POBA37	Num	8			Predicted FEV1 (mL) (recalculated) (POBA37)
39	POBA39	Num	8			Predicted FEV1/FVC% (xxx.x%) (recalculated) (POBA39)
40	POBA40	Num	8			Predicted FEV1/FEV6% (xxx.x%) (POBA40)
41	POBA42	Num	8			Predicted FEF25-75% (mL/s) (recalculated) (POBA42)
42	POBA43	Num	8			LowerLimit of Normal FVC (mL) (recalculated) (POBA43)
43	POBA44	Num	8			LowerLimit of Normal FEV1 (mL) (recalculated) (POBA44)
44	POBA46	Num	8			LowerLimit of Normal FEV1/FVC% (xxx.x%) (recalculated) (POBA46)
45	POBA47	Num	8			LowerLimit of Normal FEV1/FEV6% (xxx.x%) (POBA47)
46	POBA49	Num	8			LowerLimit of Normal FEF25-75% (mL/s) (recalculated) (POBA49)
47	POBA13	Num	8	TIME5.		Calibration time (HH:MM) (POBA13)
48	POBA16	Num	8	TIME5.		Test time (HH:MM) (POBA16)

**Data Set Name: *prba\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	PRBA3	Char	12	\$12.	\$12.	FVC quality attribute (A, B, C, D or F) (PRBA3)
5	PRBA4	Char	12	\$12.	\$12.	FEV1 quality attribute (A, B, C, D or F) (PRBA4)
6	PRBA8	Char	12	\$12.	\$12.	Client's Efforts
7	PRBA14	Char	12	\$12.	\$12.	Calibration result (P or F for 'passed' or 'failed') (PRBA14)
8	PRBA24	Char	12	\$12.	\$12.	Testing position (standing or sitting) (PRBA24)
9	PRBA50	Char	12	\$12.	\$12.	Interpretability Code: "Within normal limits", "Outside Normal Limits" or "Not Interpret"
10	PRBA51	Char	12	\$12.	\$12.	Interpretation code (see MESA interpretation scheme) (PRBA51)
11	VISIT	Num	8			
12	FSEQNO	Num	8			
13	LINENUMBER	Num	8			
14	PRBA1	Num	8			Barometric pressure (mmHg) (PRBA1)
15	PRBA2	Num	8			Temperature (°C) used in BTPS calculation (PRBA2)
16	PRBA5	Num	8			Number of Maneuvers (All) (PRBA5)
17	PRBA6	Num	8			Number Deleted Maneuvers (PRBA6)
18	PRBA7	Num	8			Number Acceptable Maneuvers (PRBA7)
19	PRBA11	Num	8			BTPS factor (x.xxx) (PRBA11)
20	PRBA18	Num	8			Age (integer years) (PRBA18)
21	PRBA23	Num	8			Reference values correction factor (x.xx, 1.00 for no correction) (PRBA23)
22	PRBA25	Num	8			FVC (mL) (PRBA25)
23	PRBA26	Num	8			Vext - Extrapolated volume (mL) (PRBA26)
24	PRBA27	Num	8			FEV 0.5 (mL) (PRBA27)
25	PRBA28	Num	8			FEV0.75 (mL) (PRBA28)
26	PRBA29	Num	8			FEV1 (mL) (PRBA29)
27	PRBA30	Num	8			FEV 3 ( mL) (PRBA30)
28	PRBA31	Num	8			FEV6 (mL) (PRBA31)
29	PRBA32	Num	8			PEF (mL/s) (PRBA32)
30	PRBA33	Num	8			FEF25-75% (mL/s) (PRBA33)
31	PRBA34	Num	8			Forced expiratory time (s) (PRBA34)
32	PRBA35	Num	8			Time to PEF (ms) (PRBA35)
33	PRBA38	Num	8			Predicted FEV6 (mL) (PRBA38)
34	PRBA41	Num	8			Predicted PEF (mL/s) (PRBA41)
35	PRBA45	Num	8			LowerLimit of Normal FEV6 (mL) (PRBA45)
36	PRBA48	Num	8			LowerLimit of Normal PEF (mL/s) (PRBA48)

Num	Variable	Type	Len	Format	Informat	Label
37	PRBA36	Num	8			Predicted FVC (mL) (recalculated) (PRBA36)
38	PRBA37	Num	8			Predicted FEV1 (mL) (recalculated) (PRBA37)
39	PRBA39	Num	8			Predicted FEV1/FVC% (xxx.x%) (recalculated) (PRBA39)
40	PRBA40	Num	8			Predicted FEV1/FEV6% (xxx.x%) (PRBA40)
41	PRBA42	Num	8			Predicted FEF25-75% (mL/s) (recalculated) (PRBA42)
42	PRBA43	Num	8			LowerLimit of Normal FVC (mL) (recalculated) (PRBA43)
43	PRBA44	Num	8			LowerLimit of Normal FEV1 (mL) (recalculated) (PRBA44)
44	PRBA46	Num	8			LowerLimit of Normal FEV1/FVC% (xxx.x%) (recalculated) (PRBA46)
45	PRBA47	Num	8			LowerLimit of Normal FEV1/FEV6% (xxx.x%) (PRBA47)
46	PRBA49	Num	8			LowerLimit of Normal FEF25-75% (mL/s) (recalculated) (PRBA49)
47	PRBA13	Num	8	TIME5.		Calibration time (HH:MM) (PRBA13)
48	PRBA16	Num	8	TIME5.		Test time (HH:MM) (PRBA16)

**Data Set Name:** *pred\_nutr\_derv\_lad1.sas7bdat*

Num	Variable	Type	Len	Label
1	PID	Char	8	Random BioLINCC ID for LAD
2	N_RECALLS_CLEANED	Num	8	Number of reliable and cleaned 24hr recalls per subject
3	PRED_ALC	Num	8	
4	PRED_CA	Num	8	Calcium (mg) - NCI predicted intake (based on DTIA60)
5	PRED_DIET_FOLATE	Num	8	Dietary Folate Equivalents (mcg) - NCI predicted intake (based on DTIA149)
6	PRED_ENERGY	Num	8	Energy (kcal) - NCI predicted intake (based on DTIA20)
7	PRED_FE	Num	8	Iron (mg) - NCI predicted intake (based on DTIA63)
8	PRED_FIBER	Num	8	Total Dietary Fiber (g) - NCI predicted intake (based on DTIA38)
9	PRED_FOLATE	Num	8	Total Folate (mcg) - NCI predicted intake (based on DTIA58)
10	PRED_K	Num	8	Potassium (mg) - NCI predicted intake (based on DTIA68)
11	PRED_NA	Num	8	Sodium (mg) - NCI predicted intake (based on DTIA67)
12	PRED_NAT_FOLATE	Num	8	Natural Folate (food folate in mcg) - NCI predicted intake (based on DTIA150)
13	PRED_NIACIN	Num	8	Niacin (mg) - NCI predicted intake (based on DTIA55)
14	PRED_PANTOTHENIC_ACID	Num	8	Pantothenic Acid (mg) - NCI predicted intake (based on DTIA56)
15	PRED_PCTCARB	Num	8	% Calories from Carbohydrate - NCI predicted intake (based on DTIA120)
16	PRED_PCTFAT	Num	8	% Calories from Fat - NCI predicted intake (based on DTIA119)
17	PRED_PCTPROT	Num	8	% Calories from Protein - NCI predicted intake (based on DTIA121)
18	PRED_PCTSFA	Num	8	% Calories from SFA - NCI predicted intake (based on DTIA123)
19	PRED_RIBOFLAVIN	Num	8	Riboflavin (mg) - NCI predicted intake (based on DTIA54)
20	PRED_SYNTH_FOLATE	Num	8	Synthetic Folate (folic acid in mcg) - NCI predicted intake (based on DTIA151)
21	PRED_THIAMIN	Num	8	Thiamin (mg) - NCI predicted intake (based on DTIA53)
22	PRED_TOTCARB	Num	8	Total Carbohydrate (g) - NCI predicted intake (based on DTIA22)
23	PRED_TOTFAT	Num	8	Total Fat (g) - NCI predicted intake (based on DTIA21)
24	PRED_TOTMUFA	Num	8	Total Monounsaturated Fatty Acids (MUFA) (g) - NCI predicted intake (based on DTIA29)
25	PRED_TOTPROT	Num	8	Total Protein (g) - NCI predicted intake (based on DTIA23)
26	PRED_TOTPUFA	Num	8	Total Polyunsaturated Fatty Acids (PUFA) (g) - NCI predicted intake (based on DTIA30)
27	PRED_TOTSFA	Num	8	Total Saturated Fatty Acids (SFA) (g) - NCI predicted intake (based on DTIA28)
28	PRED_TOTTRANSFAT	Num	8	Total Trans Fatty Acids (TRANS) - NCI predicted intake (based on DTIA132)
29	PRED_VITA_RAE	Num	8	Total Vitamin A Activity (Retinol Activity Equivalents) (mcg) - NCI predicted intake (based on DTIA165)
30	PRED_VITB6	Num	8	Vitamin B6 (pyridoxine, pyridoxyl, and pyridoxamine in mg) - NCI predicted intake (based on DTIA57)
31	PRED_VITB12	Num	8	Vitamin B12 (cobalamin in mcg) - NCI predicted intake (based on DTIA59)
32	PRED_VITC	Num	8	Vitamin C (ascorbic acid) (mg) - predicted intake (based on DTIA52)

**Data Set Name: rsea\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	RSEA1	Num	8			Cough day/night 3 months in a row (RSEA1)
8	RSEA2	Num	8			Cough wake up 3 months in a row (RSEA2)
9	RSEA3	Num	8			Years had cough (RSEA3)
10	RSEA4	Num	8			Phlem day/night 3 months in a row (RSEA4)
11	RSEA5	Num	8			Phlem wake up 3 months in a row (RSEA5)
12	RSEA6	Num	8			Years had phlem (RSEA6)
13	RSEA7	Num	8			Ever Wheezing/whistling in chest (RSEA7)
14	RSEA8	Num	8			Age first wheezing/whistling (RSEA8)
15	RSEA9	Num	8			Wheezing/whistling feel short of breath (RSEA9)
16	RSEA10	Num	8			Age of shortness of breath attack (RSEA10)
17	RSEA11	Num	8			2 or more attacks (wheezing) (RSEA11)
18	RSEA12	Num	8			Medicine/trt required for wheezing attack (RSEA12)
19	RSEA13	Num	8			Wheezing/whistling in past 12 months (RSEA13)
20	RSEA14	Num	8			Wheezy/whistling when: have a cold (RSEA14)
21	RSEA15	Num	8			Wheezy: Occasionally apart from colds (RSEA15)
22	RSEA16	Num	8			Wheezy: More than once a week (RSEA16)
23	RSEA17	Num	8			Wheezy: Most day/nights (RSEA17)
24	RSEA18	Num	8			Wake up from cough/shortbreath (RSEA18)
25	RSEA19A	Num	8			Animal: Cough/wheeze/SOB (RSEA19A)
26	RSEA19B	Num	8			Animal: Runny/stuffy nose watery eyes (RSEA19B)
27	RSEA20A	Num	8			Plant: cough/wheeze/SOB (RSEA20A)
28	RSEA20B	Num	8			Plant: runny/stuffy nose watery eyes (RSEA20B)
29	RSEA21	Num	8			Allergen skin test (RSEA21)
30	RSEA22	Num	8			Chronic sinusitis (RSEA22)
31	RSEA23	Num	8			Cough: exercise in cold air (RSEA23)
32	RSEA24	Num	8			Shortness of breath up slight hills (RSEA24)
33	RSEA25	Num	8			SOB: Walk slower (RSEA25)
34	RSEA26	Num	8			SOB: Stop for breath (RSEA26)
35	RSEA27	Num	8			SOB: Stop for breath 100 yards (RSEA27)
36	RSEA28	Num	8			SOB: (un)dress/leave the house (RSEA28)

Num	Variable	Type	Len	Format	Informat	Label
37	RSEA29	Num	8			Resp Illness: Days ork/school missed (RSEA29)
38	RSEA30	Num	8			Resp Ill: change when away from job (RSEA30)
39	RSEA31	Num	8			Resp Illness: Better/worse away from job (RSEA31)
40	RSEA32	Num	8			Asthma: ever (RSEA32)
41	RSEA33	Num	8			Age started: asthma (RSEA33)
42	RSEA33A	Num	8			Age started not known: asthma (RSEA33A)
43	RSEA34	Num	8			Asthma diagnosed by doctor (RSEA34)
44	RSEA35	Num	8			Asthma: now (RSEA35)
45	RSEA36	Num	8			Age Stopped: asthma (RSEA36)
46	RSEA37	Num	8			Medical treatment: asthma in 12 months (RSEA37)
47	RSEA38	Num	8			Hay fever: ever (RSEA38)
48	RSEA39	Num	8			Medical treatment: hay fever in 12 months (RSEA39)
49	RSEA40	Num	8			(Broncho)pneumonia: doctor stated (RSEA40)
50	RSEA41A	Num	8			Age started: (Broncho)pneumonia (RSEA41A)
51	RSEA41B	Num	8			Age started unknown: (Broncho)pneumonia (RSEA41B)
52	RSEA42	Num	8			Chronic Bronchitis: doctor stated (RSEA42)
53	RSEA43	Num	8			Age started: Chronic Bronchitis (RSEA43)
54	RSEA43A	Num	8			Age started not known: Chronic Bronchitis (RSEA43A)
55	RSEA44	Num	8			COPD: Doctor Stated (RSEA44)
56	RSEA45	Num	8			Age Started: COPD (RSEA45)
57	RSEA46	Num	8			Treatment received: COPD (RSEA46)
58	RSEA47A	Num	8			Asthma: Mother (RSEA47A)
59	RSEA47B	Num	8			Asthma: Father (RSEA47B)
60	RSEA47C	Num	8			Asthma: Sibling(s) (RSEA47C)
61	RSEA48A	Num	8			Chronic Bronch/COPD/emphasemia: Mother (RSEA48A)
62	RSEA48B	Num	8			Chronic Bronch/COPD/emphasemia: Father (RSEA48B)
63	RSEA48C	Num	8			Chronic Bronch/COPD/emphasemia: Sibling (RSEA48C)
64	RSEA49A	Num	8			Hay Fever: Mother (RSEA49A)
65	RSEA49B	Num	8			Hay Fever: Father (RSEA49B)
66	RSEA49C	Num	8			Hay Fever: Sibling(s) (RSEA49C)
67	RSEA50	Num	8			Active tuberculosis (TB) (RSEA50)
68	RSEA51	Num	8			Active tuberculosis (TB): Medication (RSEA51)
69	RSEA52	Num	8			Active tuberculosis (TB): tested (PPD) (RSEA52)
70	RSEA53	Num	8			Active tuberculosis (TB): test result (RSEA53)
71	RSEA54	Num	8			Active tuberculosis (TB): Preventive Med (RSEA54)
72	RSEA55	Num	8			Active tuberculosis (TB): vaccination (BCG) (RSEA55)
73	RSEA56	Num	8			Water damage in home past 12 months (RSEA56)
74	RSEA57	Num	8			Mold/mildew on surfaces inside home (RSEA57)



**Data Set Name: s24a\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	RECALLNUM	Num	8			First or second dietary recall
3	S24A5	Num	8			Record Type
4	S24A11	Char	2	\$2.	\$2.	Day of Intake
5	S24A16	Num	8			Intake Amount
6	S24A17	Num	8			Intake Reliability
7	S24A18	Char	12	\$12.	\$12.	Data Collected in NCC Database Version
8	S24A19	Char	12	\$12.	\$12.	Data Collected in DSAM Database Version
9	S24A20	Char	12	\$12.	\$12.	Data Collected in Software Version
10	S24A21	Char	12	\$12.	\$12.	Data Generated in NCC Database Version
11	S24A22	Char	12	\$12.	\$12.	Data Generated in Software Version
12	S24A23	Char	1	\$1.	\$1.	Black Cohosh
13	S24A24	Char	1	\$1.	\$1.	Echinacea
14	S24A25	Char	1	\$1.	\$1.	Garlic
15	S24A26	Char	1	\$1.	\$1.	Ginger
16	S24A27	Char	1	\$1.	\$1.	Ginkgo
17	S24A28	Char	1	\$1.	\$1.	Ginseng
18	S24A29	Char	1	\$1.	\$1.	Hawthorn
19	S24A30	Char	1	\$1.	\$1.	Kava Kava
20	S24A31	Char	1	\$1.	\$1.	Ma Huang/Ephedra
21	S24A32	Char	1	\$1.	\$1.	Saw Palmetto
22	S24A33	Char	1	\$1.	\$1.	St. John's Wort
23	S24A34	Num	8			Number of Supplements Reported
24	S24A35	Num	8			Energy (kcal)
25	S24A36	Num	8			Total Protein (g)
26	S24A37	Num	8			Total Fat (g)
27	S24A38	Num	8			Total Carbohydrate (g)
28	S24A39	Num	8			Total Saturated Fatty Acids (SFA) (g)
29	S24A40	Num	8			Total Monounsaturated Fatty Acids (MUFA) (g)
30	S24A41	Num	8			Total Polyunsaturated Fatty Acids (PUFA) (g)
31	S24A42	Num	8			Omega-3 Fatty Acids in Supplements (mg)
32	S24A43	Num	8			Cholesterol (mg)
33	S24A44	Num	8			SFA 8:0 (caprylic acid) (g)
34	S24A45	Num	8			SFA 10:0 (capric acid) (g)
35	S24A46	Num	8			SFA 12:0 (lauric acid) (g)
36	S24A47	Num	8			SFA 14:0 (myristic acid) (g)



Num	Variable	Type	Len	Format	Informat	Label
37	S24A48	Num	8			SFA 16:0 (palmitic acid) (g)
38	S24A49	Num	8			SFA 18:0 (stearic acid) (g)
39	S24A50	Num	8			SFA 20:0 (arachidic acid) (g)
40	S24A51	Num	8			SFA 22:0 (behenic acid) (g)
41	S24A52	Num	8			MUFA 16:1 (palmitoleic acid) (g)
42	S24A53	Num	8			MUFA 18:1 (oleic acid) (g)
43	S24A54	Num	8			MUFA 20:1 (gadoleic acid) (g)
44	S24A55	Num	8			PUFA 18:2 (linoleic acid) (g)
45	S24A56	Num	8			PUFA 18:3 (linolenic acid) (g)
46	S24A57	Num	8			PUFA 20:4 (arachidonic acid) (g)
47	S24A58	Num	8			PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
48	S24A59	Num	8			PUFA 22:6 (docosahexaenoic acid [DHA]) (g)
49	S24A60	Num	8			Total Vitamin A Activity (International Units) (IU)
50	S24A61	Num	8			Retinol (mcg)
51	S24A62	Num	8			Vitamin D (calciferol) (mcg)
52	S24A63	Num	8			Vitamin E (International Units) (IU)
53	S24A64	Num	8			Vitamin E (Total Alpha-Tocopherol) (mg)
54	S24A65	Num	8			Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl-alpha-tocopherol) (mg)
55	S24A66	Num	8			Beta-Tocopherol (mg)
56	S24A67	Num	8			Delta-Tocopherol (mg)
57	S24A68	Num	8			Gamma-Tocopherol (mg)
58	S24A69	Num	8			Vitamin K (phylloquinone) (mcg)
59	S24A70	Num	8			Vitamin C (ascorbic acid) (mg)
60	S24A71	Num	8			Thiamin (vitamin B1) (mg)
61	S24A72	Num	8			Riboflavin (vitamin B2) (mg)
62	S24A73	Num	8			Niacin (vitamin B3) (mg)
63	S24A74	Num	8			Pantothenic Acid (mg)
64	S24A75	Num	8			Vitamin B-6 (pyridoxine, pyridoxyl, & pyridoxamine) (mg)
65	S24A76	Num	8			Synthetic Folate (folic acid) (mcg)
66	S24A77	Num	8			Vitamin B-12 (cobalamin) (mcg)
67	S24A78	Num	8			Biotin (mcg)
68	S24A79	Num	8			Beta-Carotene (provitamin A carotenoid) (mcg)
69	S24A80	Num	8			Alpha-Carotene (provitamin A carotenoid) (mcg)
70	S24A81	Num	8			Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
71	S24A82	Num	8			Lutein and/or Zeaxanthin (mcg)
72	S24A83	Num	8			Lycopene (mcg)
73	S24A85	Num	8			Boron (mcg)
74	S24A86	Num	8			Calcium (mg)

Num	Variable	Type	Len	Format	Informat	Label
75	S24A87	Num	8			Chromium (mcg)
76	S24A88	Num	8			Copper (mg)
77	S24A89	Num	8			Fluoride (mcg)
78	S24A90	Num	8			Iodine (mcg)
79	S24A91	Num	8			Iron (mg)
80	S24A92	Num	8			Magnesium (mg)
81	S24A93	Num	8			Manganese (mg)
82	S24A94	Num	8			Molybdenum (mcg)
83	S24A95	Num	8			Nickel (mcg)
84	S24A96	Num	8			Phosphorus (mg)
85	S24A97	Num	8			Potassium (mg)
86	S24A98	Num	8			Selenium (mcg)
87	S24A99	Num	8			Silicon (mg)
88	S24A100	Num	8			Sodium (mg)
89	S24A101	Num	8			Vanadium (mcg)
90	S24A102	Num	8			Zinc (mg)
91	S24A103	Num	8			Tryptophan (g)
92	S24A104	Num	8			Threonine (g)
93	S24A105	Num	8			Isoleucine (g)
94	S24A106	Num	8			Leucine (g)
95	S24A107	Num	8			Lysine (g)
96	S24A108	Num	8			Methionine (g)
97	S24A109	Num	8			Cystine (g)
98	S24A110	Num	8			Phenylalanine (g)
99	S24A111	Num	8			Tyrosine (g)
100	S24A112	Num	8			Valine (g)
101	S24A113	Num	8			Arginine (g)
102	S24A114	Num	8			Histidine (g)
103	S24A115	Num	8			Alanine (g)
104	S24A116	Num	8			Aspartic Acid (g)
105	S24A117	Num	8			Glutamic Acid (g)
106	S24A118	Num	8			Glycine (g)
107	S24A119	Num	8			Proline (g)
108	S24A120	Num	8			Serine (g)
109	S24A121	Num	8			Daidzein (mg)
110	S24A122	Num	8			Genistein (mg)
111	S24A123	Num	8			Glycitein (mg)
112	S24A124	Num	8			Total Dietary Fiber (g)
113	S24A125	Num	8			Soluble Dietary Fiber (g)

Num	Variable	Type	Len	Format	Informat	Label
114	S24A126	Num	8			Insoluble Dietary Fiber (g)
115	S24A127	Num	8			Betaine (mg)
116	S24A128	Num	8			Choline (mg)
117	S24A129	Num	8			Caffeine (mg)
118	S24A130	Num	8			Fructose (g)
119	S24A131	Num	8			Glucose (g)
120	S24A132	Num	8			Sucrose (g)
121	S24A133	Num	8			Inositol (g)
122	S24A134	Num	8			Mannitol (g)
123	S24A135	Num	8			Phytic Acid (mg)
124	S24A136	Num	8			Pinitol (g)
125	S24A137	Num	8			Sorbitol (g)
126	S24A138	Num	8			Xylitol (g)
127	FORM	Char	3	\$3.	\$3.	FORM
128	VERS	Char	1	\$1.	\$1.	VERS
129	DTIA16	Num	8			Intake Reliability

**Data Set Name:** *sbpa\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	SBPA1	Num	8			Arm used for SBP Measurement (SBPA1)
8	SBPA2	Num	8			Arm circumference (cm) (SBPA2)
9	SBPA3	Num	8			Cuff size (SBPA3)
10	SBPA5	Num	8			Average Systolic (SBPA5)
11	SBPA6	Num	8			Average Diastolic (SBPA6)
12	SBPA7	Num	8			Average Pulse Rate (SBPA7)
13	SBPA8	Num	8			Systolic: 1st measure (SBPA8)
14	SBPA9	Num	8			Diastolic: 1st measure (SBPA9)
15	SBPA10	Num	8			Pulse Rate: 1st measure (SBPA10)
16	SBPA11	Num	8			Systolic: 2nd measure (SBPA11)
17	SBPA12	Num	8			Diastolic: 2nd measure (SBPA12)
18	SBPA13	Num	8			Pulse Rate: 1st measure (SBPA13)
19	SBPA14	Num	8			Systolic: 3rd measure (SBPA14)
20	SBPA15	Num	8			Diastolic: 3rd measure (SBPA15)
21	SBPA16	Num	8			Pulse Rate: 1st measure (SBPA16)
22	SBPA4A	Num	8	TIME5.		
23	SBPA4A_2401	Num	8	TIME5.		Time of day of measurement (24 hrs) (SBPA4a)

**Data Set Name: *scea\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	SCEA1	Num	8			Language Spoken: General (SCEA1)
8	SCEA2	Num	8			Language Spoken: As a child (SCEA2)
9	SCEA3	Num	8			Language Spoken: at Home (SCEA3)
10	SCEA4	Num	8			Language Spoken: Usually think (SCEA4)
11	SCEA5	Num	8			Language Spoken: with friends (SCEA5)
12	SCEA6	Num	8			Language Spoken: TV, Movies, radio preferred (SCEA6)
13	SCEA7	Num	8			Ethnicity: close friends (SCEA7)
14	SCEA8	Num	8			Ethnicity: social gatherings (SCEA8)
15	SCEA9	Num	8			Ethnicity: persons who you visit (SCEA9)
16	SCEA10	Num	8			Ethnicity: Choice for children (SCEA10)
17	SCEA11	Num	8			See grandchildren grow up (SCEA11)
18	SCEA12	Num	8			Aging parents should live with relatives (SCEA12)
19	SCEA13	Num	8			Count on family when problems arise (SCEA13)
20	SCEA14	Num	8			Children acts please parents (SCEA14)
21	SCEA15	Num	8			Embarrassed about bad things done by siblings (SCEA15)
22	SCEA16	Num	8			Live in parents home until marriage (SCEA16)
23	SCEA17	Num	8			Strong sense of belonging to own ethnic group (SCEA17)
24	SCEA18	Num	8			Pride in ethnic group (SCEA18)
25	SCEA19	Num	8			Religion: How often attend services (SCEA19)
26	SCEA20	Num	8			Religion: type identified (SCEA20)
27	SCEA21	Num	8			Religion: importance of beliefs (SCEA21)
28	SCEA22	Num	8			Discrimination: friends (SCEA22)
29	SCEA23	Num	8			Discrimination: self (SCEA23)

**Data Set Name: *sfea\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	SFEA1	Num	8			General Health (SFEA1)
8	SFEA2A	Num	8			Health Limitations - Moderate activities (SFEA2A)
9	SFEA2B	Num	8			Health Limitations - Stairs (SFEA2B)
10	SFEA3A	Num	8			Physical Health Limitations - accomplish less in past 4 weeks (SFEA3A)
11	SFEA3B	Num	8			Physical Health Limitations - limited in kind of work in past 4 weeks (SFEA3)
12	SFEA4A	Num	8			Emotional Health Limitations - accomplish less in past 4 weeks (SFEA4A)
13	SFEA4B	Num	8			Emotional Health Limitations - work carefully in past 4 weeks (SFEA4B)
14	SFEA5	Num	8			Interference due to pain in past 4 weeks (SFEA5)
15	SFEA6A	Num	8			Feelings in past 4 weeks - Calm and peaceful (SFEA6A)
16	SFEA6B	Num	8			Feelings in past 4 weeks - Lot of energy (SFEA6B)
17	SFEA6C	Num	8			Feelings in past 4 weeks - Downhearted and depressed (SFEA6C)
18	SFEA7	Num	8			Social Activities interfered in past 4 weeks (SFEA7)

**Data Set Name: slea\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	SLEA3	Num	8			Nap for 5 min or more during a usual week (SLEA3)
8	SLEA4	Num	8			Trouble falling asleep (SLEA4)
9	SLEA5	Num	8			Wake up several times at night (SLEA5)
10	SLEA6	Num	8			Wake up earlier than you plan (SLEA6)
11	SLEA7	Num	8			Trouble getting back to sleep (SLEA7)
12	SLEA8	Num	8			Take sleeping pills (SLEA8)
13	SLEA9	Num	8			Sleep difficulties make irritable (SLEA9)
14	SLEA10	Num	8			Feel Sleepy during the Day (SLEA10)
15	SLEA11	Num	8			Typical night's sleep in past 4 weeks (SLEA11)
16	SLEA12A	Num	8			Doze Off Situations: Sitting and Reading (SLEA12A)
17	SLEA12B	Num	8			Doze Off Situations: Watching TV (SLEA12B)
18	SLEA12C	Num	8			Doze Off Situations: Sitting in a public place (SLEA12C)
19	SLEA12D	Num	8			Doze Off Situations: Riding as a passenger in (SLEA12D)
20	SLEA12E	Num	8			Doze Off Situations: Lying down to rest in afternoon (SLEA12E)
21	SLEA12F	Num	8			Doze Off Situations: Sitting and talking (SLEA12F)
22	SLEA12G	Num	8			Doze Off Situations: Sitting quietly after lunch w/ no alcohol (SLEA12G)
23	SLEA12H	Num	8			Doze Off Situations: In a car, while stopped in traffic (SLEA12H)
24	SLEA12I	Num	8			Doze Off Situations: At the dinner table (SLEA12I)
25	SLEA12J	Num	8			Doze Off Situations: While driving (SLEA12J)
26	SLEA13	Num	8			How Often Snore (SLEA13)
27	SLEA14	Num	8			Show often stop breathing while sleeping (SLEA14)
28	SLEA15	Num	8			Sensation in legs discomfort (SLEA15)
29	SLEA16	Num	8			Need to relieve discomfort in legs (SLEA16)
30	SLEA17	Num	8			Discomfort in legs worse when at rest (SLEA17)
31	SLEA18	Num	8			Discomfort in legs worse later in day or at night (SLEA18)
32	SLEA1A	Num	8	TIME5.		
33	SLEA1C	Num	8	TIME5.		
34	SLEA2A	Num	8	TIME5.		
35	SLEA2C	Num	8	TIME5.		
36	SLEA1A_2401	Num	8	TIME5.		Time Usually go to Bed: Work/School Days (24 hrs) (SLEA1A)

Num	Variable	Type	Len	Format	Informat	Label
37	SLEA1C_2401	Num	8	TIME5.		Time Usually go to Bed: Non-Work/School Days (24 hrs) (SLEA1C)
38	SLEA2A_2401	Num	8	TIME5.		Time Usually Wake Up: Work/School Days (24 hrs) (SLEA2A)
39	SLEA2C_2401	Num	8	TIME5.		Time Usually Wake Up: Non-Work/School Days (24 hrs) (SLEA2C)



**Data Set Name: *slpa\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	SLPA2	Char	3	\$3.	\$3.	Site ID (SLPA2)
5	VISIT	Num	8			
6	FSEQNO	Num	8			
7	LINENUMBER	Num	8			
8	SLPA9	Num	8			Hours of valid recording time - Cannula (SLPA9)
9	SLPA10	Num	8			Hours of valid recording time in supine position - Cannula (SLPA10)
10	SLPA11	Num	8			Hours of valid recording time in non-supine position - Cannula (SLPA11)
11	SLPA12	Num	8			Hours of valid recording time - SpO2 (SLPA12)
12	SLPA13	Num	8			Hours of valid recording time in supine position - SpO2 (SLPA13)
13	SLPA14	Num	8			Hours of valid recording time in non-supine position - SpO2 (SLPA14)
14	SLPA15	Num	8			Overall Study Quality (SLPA15)
15	SLPA16	Num	8			Urgent Referral - AHI > 50 (SLPA16)
16	SLPA18	Num	8			Urgent Referral - Baseline sat < 90 (SLPA18)
17	SLPA20	Num	8			Urgent Referral - sat < 90 for 10% of recording (SLPA20)
18	SLPA22	Num	8			Urgent Referral - HR > 150 (SLPA22)
19	SLPA24	Num	8			Urgent Referral - HR < 30 (SLPA24)
20	SLPA27	Num	8			Total Time in Bed (hours) (SLPA27)
21	SLPA28	Num	8			Recording Time (hours) (SLPA28)
22	SLPA29	Num	8			Recording Time (seconds) (SLPA29)
23	SLPA30	Num	8			Valid Recording Time (hours) (SLPA30)
24	SLPA31	Num	8			Valid Recording Time (sedonds) (SLPA31)
25	SLPA32	Num	8			Valid Recording Time (Hours) - Non-Supine (SLPA32)
26	SLPA33	Num	8			Percent time in Non-Supine position (SLPA33)
27	SLPA34	Num	8			Valid Recording Time (Hours) - Supine (SLPA34)
28	SLPA35	Num	8			Percent time in Supine position (SLPA35)
29	SLPA36	Num	8			Apnea/Hypopnea Index (all desats) (SLPA36)
30	SLPA37	Num	8			Apnea/Hypopnea Index (all desats, non-supine) (SLPA37)
31	SLPA38	Num	8			Apnea/Hypopnea Index (all desats, supine) (SLPA38)
32	SLPA39	Num	8			Apnea/Hypopnea Events (all desats) (SLPA39)
33	SLPA40	Num	8			Apnea/Hypopnea Events (all desats, non-supine) (SLPA40)
34	SLPA41	Num	8			Apnea/Hypopnea Events (all desats, supine) (SLPA41)
35	SLPA42	Num	8			Total Time spent in Apnea/Hypopnea event (all desats) (hours) (SLPA42)
36	SLPA43	Num	8			Total Time spent in Apnea/Hypopnea event (all desats, non-supine) (seconds) (SLPA43)

Num	Variable	Type	Len	Format	Informat	Label
37	SLPA44	Num	8			Total Time spent in Apnea/Hypopnea event (all desats, supine) (seconds) (SLPA44)
38	SLPA45	Num	8			Apnea/Hypopnea Index (1% desat) (SLPA45)
39	SLPA46	Num	8			Apnea/Hypopnea Index (1% desat, non-supine) (SLPA46)
40	SLPA47	Num	8			Apnea/Hypopnea Index (1% desat, supine) (SLPA47)
41	SLPA48	Num	8			Apnea/Hypopnea Events (1% desat) (SLPA48)
42	SLPA50	Num	8			Apnea/Hypopnea Events (1% desat, supine) (SLPA50)
43	SLPA51	Num	8			Total Time spent in Apnea/Hypopnea event (1% desat) (hours) (SLPA51)
44	SLPA52	Num	8			Total Time spent in Apnea/Hypopnea event (1% desat, non-supine) (seconds) (SLPA52)
45	SLPA53	Num	8			Total Time spent in Apnea/Hypopnea event (1% desat, supine) (seconds) (SLPA53)
46	SLPA54	Num	8			Apnea/Hypopnea Index (3% desat) (SLPA54)
47	SLPA55	Num	8			Apnea/Hypopnea Index (3% desat, non-supine) (SLPA55)
48	SLPA56	Num	8			Apnea/Hypopnea Index (3% desat, supine) (SLPA56)
49	SLPA57	Num	8			Apnea/Hypopnea Events (3% desat) (SLPA57)
50	SLPA58	Num	8			Apnea/Hypopnea Events (3% desat, non-supine) (SLPA58)
51	SLPA59	Num	8			Apnea/Hypopnea Events (3% desat, supine) (SLPA59)
52	SLPA60	Num	8			Total Time spent in Apnea/Hypopnea event (3% desat) (hours) (SLPA60)
53	SLPA61	Num	8			Total Time spent in Apnea/Hypopnea event (3% desat, non-supine) (seconds) (SLPA61)
54	SLPA62	Num	8			Total Time spent in Apnea/Hypopnea event (3% desat, supine) (seconds) (SLPA62)
55	SLPA63	Num	8			Apnea/Hypopnea Index (4% desat) (SLPA63)
56	SLPA64	Num	8			Apnea/Hypopnea Index (4% desat, non-supine) (SLPA64)
57	SLPA65	Num	8			Apnea/Hypopnea Index (4% desat, supine) (SLPA65)
58	SLPA66	Num	8			Apnea/Hypopnea Events (4% desat) (SLPA66)
59	SLPA67	Num	8			Apnea/Hypopnea Events (4% desat, non-supine) (SLPA67)
60	SLPA68	Num	8			Apnea/Hypopnea Events (4% desat, supine) (SLPA68)
61	SLPA69	Num	8			Total Time spent in Apnea/Hypopnea event (4% desat) (hours) (SLPA69)
62	SLPA70	Num	8			Total Time spent in Apnea/Hypopnea event (4% desat, non-supine) (seconds) (SLPA70)
63	SLPA71	Num	8			Total Time spent in Apnea/Hypopnea event (4% desat, supine) (seconds) (SLPA71)
64	SLPA72	Num	8			Apnea Index (all desats) (SLPA72)
65	SLPA73	Num	8			Apnea Index (all desats, non-supine) (SLPA73)
66	SLPA74	Num	8			Apnea Index (all desats, supine) (SLPA74)
67	SLPA75	Num	8			Apnea Events (all desats) (SLPA75)
68	SLPA76	Num	8			Apnea Events (all desats, non-supine) (SLPA76)
69	SLPA77	Num	8			Apnea Events (all desats, supine) (SLPA77)
70	SLPA78	Num	8			Total Time spent in Apnea event (all desats) (hours) (SLPA78)

Num	Variable	Type	Len	Format	Informat	Label
71	SLPA79	Num	8			Total Time spent in Apnea event (all desats, non-supine) (seconds) (SLPA79)
72	SLPA80	Num	8			Total Time spent in Apnea event (all desats, supine) (seconds) (SLPA80)
73	SLPA81	Num	8			Central Apnea Index (all desats) (SLPA81)
74	SLPA82	Num	8			Central Apnea Index (all desats, non-supine) (SLPA82)
75	SLPA83	Num	8			Central Apnea Index (all desats, supine) (SLPA83)
76	SLPA84	Num	8			Central Apnea Events (all desats) (SLPA84)
77	SLPA85	Num	8			Central Apnea Events (all desats, non-supine) (SLPA85)
78	SLPA86	Num	8			Central Apnea Events (all desats, supine) (SLPA86)
79	SLPA87	Num	8			Total Time spent in Central Apnea event (all desats) (hours) (SLPA87)
80	SLPA88	Num	8			Total Time spent in Central Apnea event (all desats, non-supine) (seconds) (SLPA88)
81	SLPA89	Num	8			Total Time spent in Central Apnea event (all desats, supine) (seconds) (SLPA89)
82	SLPA90	Num	8			Baseline SpO2 (SLPA90)
83	SLPA91	Num	8			Minimum SpO2 (SLPA91)
84	SLPA92	Num	8			Mean SpO2 (SLPA92)
85	SLPA93	Num	8			Standard Deviation SpO2 (SLPA93)
86	SLPA94	Num	8			Mean SpO2 (non-supine) (SLPA94)
87	SLPA95	Num	8			Mean SpO2 (supine) (SLPA95)
88	SLPA96	Num	8			Percent Time SpO2 < 95 (SLPA96)
89	SLPA97	Num	8			Percent Time SpO2 < 90 (SLPA97)
90	SLPA98	Num	8			Percent Time SpO2 < 85 (SLPA98)
91	SLPA99	Num	8			Percent Time SpO2 < 80 (SLPA99)
92	SLPA49	Num	8			Apnea/Hypopnea Events (1% desat, non-supine) (SLPA49)
93	SLPA100	Num	8			Percent Time SpO2 < 75 (SLPA100)
94	SLPA101	Num	8			Percent Time SpO2 < 70 (SLPA101)
95	SLPA102	Num	8			Total time of artifact SpO2 (hours) (SLPA102)
96	SLPA103	Num	8			Total time of poor SpO2 (hours) (SLPA103)
97	SLPA104	Num	8			Percent of time with artifact SpO2 (SLPA104)
98	SLPA105	Num	8			Mean SpO2 desaturation (SLPA105)
99	SLPA106	Num	8			Mean SpO2 desaturation (non-supine) (SLPA106)
100	SLPA107	Num	8			Mean SpO2 desaturation (supine) (SLPA107)
101	SLPA108	Num	8			Mean SpO2 desaturation nadir (SLPA108)
102	SLPA109	Num	8			Mean SpO2 desaturation starting SpO2 (SLPA109)
103	SLPA110	Num	8			Mean SpO2 desaturation recovery (SLPA110)
104	SLPA111	Num	8			Minimum Heart Rate (SLPA111)
105	SLPA112	Num	8			Maximum Heart Rate (SLPA112)
106	SLPA113	Num	8			Mean Heart Rate (SLPA113)
107	SLPA114	Num	8			Standard Deviation Heart Rate (SLPA114)

Num	Variable	Type	Len	Format	Informat	Label
108	SLPA115	Num	8			Mean Snore level (dB) (SLPA115)
109	SLPA116	Num	8			Total time spent in loud snoring (SLPA116)
110	SLPA117	Num	8			Percent of time with Snoring level > 30 dB (SLPA117)
111	SLPA118	Num	8			Percent of time with Snoring level > 40 dB (SLPA118)
112	SLPA119	Num	8			Percent of time with Snoring level > 50 dB (SLPA119)
113	SLPA120	Num	8			Percent of time with Snoring level > 60 dB (SLPA120)
114	SLPA121	Num	8			Reasons for Short Studies: SLP_OVERALL_FAIL_CODE (SLPA121)

**Data Set Name: *smia\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	SMIA5	Num	8			Record Type
3	SMIA11	Num	8			Day of Intake
4	SMIA16	Num	8			Intake Amount
5	SMIA17	Num	8			Intake Reliability
6	SMIA18	Char	10	\$10.	\$10.	Data Collected in NCC Database Version
7	SMIA19	Char	10	\$10.	\$10.	Data Collected in DSAM Database Version
8	SMIA20	Char	10	\$10.	\$10.	Data Collected in Software Version
9	SMIA21	Char	10	\$10.	\$10.	Data Generated in NCC Database Version
10	SMIA22	Char	10	\$10.	\$10.	Data Generated in Software Version
11	SMIA23	Char	1	\$1.	\$1.	Black Cohosh
12	SMIA24	Char	1	\$1.	\$1.	Echinacea
13	SMIA25	Char	1	\$1.	\$1.	Garlic
14	SMIA26	Char	1	\$1.	\$1.	Ginger
15	SMIA27	Char	1	\$1.	\$1.	Ginkgo
16	SMIA28	Char	1	\$1.	\$1.	Ginseng
17	SMIA29	Char	1	\$1.	\$1.	Hawthorn
18	SMIA30	Char	1	\$1.	\$1.	Kava Kava
19	SMIA31	Char	1	\$1.	\$1.	Ma Huang/Ephedra
20	SMIA32	Char	1	\$1.	\$1.	Saw Palmetto
21	SMIA33	Char	1	\$1.	\$1.	St. John's Wort
22	SMIA34	Num	8			Number of Supplements Reported
23	SMIA35	Num	8			Energy (kcal)
24	SMIA36	Num	8			Total Protein (g)
25	SMIA37	Num	8			Total Fat (g)
26	SMIA38	Num	8			Total Carbohydrate (g)
27	SMIA39	Num	8			Total Saturated Fatty Acids (SFA) (g)
28	SMIA40	Num	8			Total Monounsaturated Fatty Acids (MUFA) (g)
29	SMIA41	Num	8			Total Polyunsaturated Fatty Acids (PUFA) (g)
30	SMIA42	Num	8			Omega-3 Fatty Acids in Supplements (mg)
31	SMIA43	Num	8			Cholesterol (mg)
32	SMIA44	Num	8			SFA 8:0 (caprylic acid) (g)
33	SMIA45	Num	8			SFA 10:0 (capric acid) (g)
34	SMIA46	Num	8			SFA 12:0 (lauric acid) (g)
35	SMIA47	Num	8			SFA 14:0 (myristic acid) (g)
36	SMIA48	Num	8			SFA 16:0 (palmitic acid) (g)

Num	Variable	Type	Len	Format	Informat	Label
37	SMIA49	Num	8			SFA 18:0 (stearic acid) (g)
38	SMIA50	Num	8			SFA 20:0 (arachidic acid) (g)
39	SMIA51	Num	8			SFA 22:0 (behenic acid) (g)
40	SMIA52	Num	8			MUFA 16:1 (palmitoleic acid) (g)
41	SMIA53	Num	8			MUFA 18:1 (oleic acid) (g)
42	SMIA54	Num	8			MUFA 20:1 (gadoleic acid) (g)
43	SMIA55	Num	8			PUFA 18:2 (linoleic acid) (g)
44	SMIA56	Num	8			PUFA 18:3 (linolenic acid) (g)
45	SMIA57	Num	8			PUFA 20:4 (arachidonic acid) (g)
46	SMIA58	Num	8			PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
47	SMIA59	Num	8			PUFA 22:6 (docosahexaenoic acid [DHA]) (g)
48	SMIA60	Num	8			Total Vitamin A Activity (International Units) (IU)
49	SMIA61	Num	8			Retinol (mcg)
50	SMIA62	Num	8			Vitamin D (calciferol) (mcg)
51	SMIA63	Num	8			Vitamin E (International Units) (IU)
52	SMIA64	Num	8			Vitamin E (Total Alpha-Tocopherol) (mg)
53	SMIA65	Num	8			Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl-alpha-tocopherol) (mg)
54	SMIA66	Num	8			Beta-Tocopherol (mg)
55	SMIA67	Num	8			Delta-Tocopherol (mg)
56	SMIA68	Num	8			Gamma-Tocopherol (mg)
57	SMIA69	Num	8			Vitamin K (phylloquinone) (mcg)
58	SMIA70	Num	8			Vitamin C (ascorbic acid) (mg)
59	SMIA71	Num	8			Thiamin (vitamin B1) (mg)
60	SMIA72	Num	8			Riboflavin (vitamin B2) (mg)
61	SMIA73	Num	8			Niacin (vitamin B3) (mg)
62	SMIA74	Num	8			Pantothenic Acid (mg)
63	SMIA75	Num	8			Vitamin B-6 (pyridoxine, pyridoxyl, & pyridoxamine) (mg)
64	SMIA76	Num	8			Synthetic Folate (folic acid) (mcg)
65	SMIA77	Num	8			Vitamin B-12 (cobalamin) (mcg)
66	SMIA78	Num	8			Biotin (mcg)
67	SMIA79	Num	8			Beta-Carotene (provitamin A carotenoid) (mcg)
68	SMIA80	Num	8			Alpha-Carotene (provitamin A carotenoid) (mcg)
69	SMIA81	Num	8			Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
70	SMIA82	Num	8			Lutein and/or Zeaxanthin (mcg)
71	SMIA83	Num	8			Lycopene (mcg)
72	SMIA85	Num	8			Boron (mcg)
73	SMIA86	Num	8			Calcium (mg)
74	SMIA87	Num	8			Chromium (mcg)
75	SMIA88	Num	8			Copper (mg)

Num	Variable	Type	Len	Format	Informat	Label
76	SMIA89	Num	8			Fluoride (mcg)
77	SMIA90	Num	8			Iodine (mcg)
78	SMIA91	Num	8			Iron (mg)
79	SMIA92	Num	8			Magnesium (mg)
80	SMIA93	Num	8			Manganese (mg)
81	SMIA94	Num	8			Molybdenum (mcg)
82	SMIA95	Num	8			Nickel (mcg)
83	SMIA96	Num	8			Phosphorus (mg)
84	SMIA97	Num	8			Potassium (mg)
85	SMIA98	Num	8			Selenium (mcg)
86	SMIA99	Num	8			Silicon (mg)
87	SMIA100	Num	8			Sodium (mg)
88	SMIA101	Num	8			Vanadium (mcg)
89	SMIA102	Num	8			Zinc (mg)
90	SMIA103	Num	8			Tryptophan (g)
91	SMIA104	Num	8			Threonine (g)
92	SMIA105	Num	8			Isoleucine (g)
93	SMIA106	Num	8			Leucine (g)
94	SMIA107	Num	8			Lysine (g)
95	SMIA108	Num	8			Methionine (g)
96	SMIA109	Num	8			Cystine (g)
97	SMIA110	Num	8			Phenylalanine (g)
98	SMIA111	Num	8			Tyrosine (g)
99	SMIA112	Num	8			Valine (g)
100	SMIA113	Num	8			Arginine (g)
101	SMIA114	Num	8			Histidine (g)
102	SMIA115	Num	8			Alanine (g)
103	SMIA116	Num	8			Aspartic Acid (g)
104	SMIA117	Num	8			Glutamic Acid (g)
105	SMIA118	Num	8			Glycine (g)
106	SMIA119	Num	8			Proline (g)
107	SMIA120	Num	8			Serine (g)
108	SMIA121	Num	8			Daidzein (mg)
109	SMIA122	Num	8			Genistein (mg)
110	SMIA123	Num	8			Glycitein (mg)
111	SMIA124	Num	8			Total Dietary Fiber (g)
112	SMIA125	Num	8			Soluble Dietary Fiber (g)
113	SMIA126	Num	8			Insoluble Dietary Fiber (g)
114	SMIA127	Num	8			Betaine (mg)

Num	Variable	Type	Len	Format	Informat	Label
115	SMIA128	Num	8			Choline (mg)
116	SMIA129	Num	8			Caffeine (mg)
117	SMIA130	Num	8			Fructose (g)
118	SMIA131	Num	8			Glucose (g)
119	SMIA132	Num	8			Sucrose (g)
120	SMIA133	Num	8			Inositol (g)
121	SMIA134	Num	8			Mannitol (g)
122	SMIA135	Num	8			Phytic Acid (mg)
123	SMIA136	Num	8			Pinitol (g)
124	SMIA137	Num	8			Sorbitol (g)
125	SMIA138	Num	8			Xylitol (g)
126	SMIA139	Num	8			PUFA 22:5 (docosapentaenoic acid [DPA]) (g)
127	SMIA140	Num	8			CLA cis-9, trans-11 (g)
128	SMIA141	Num	8			CLA trans-10, cis-12 (g)
129	SMIA142	Num	8			Data Generated in DSAM Database Version
130	SMIA143	Num	8			MUFA 14:1 (myristoleic acid) (g)
131	FORM	Char	3	\$3.	\$3.	FORM
132	VERS	Char	1	\$1.	\$1.	VERS



**Data Set Name:** *snea\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	SNEA1	Num	8			Number of children (SNEA1)
8	SNEA2	Num	8			Number children see/talk to at least once every 2 weeks (SNEA2)
9	SNEA3	Num	8			Are either of your parents living (SNEA3)
10	SNEA4	Num	8			See/talk to either parents at least once every 2 weeks (SNEA4)
11	SNEA5	Num	8			Either in-laws living (SNEA5)
12	SNEA6	Num	8			See/talk to either in-law at least once every 2 weeks (SNEA6)
13	SNEA7	Num	8			Number other relatives close to (SNEA7)

**Data Set Name:** *tbea\_lad1.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	TBEA1	Num	8			Smoke at least 100 cigs in lifetime (TBEA1)
8	TBEA2	Num	8			Age first started to smoke cigs regularly (TBEA2)
9	TBEA3	Num	8			Present Smoking Status (TBEA3)
10	TBEA4	Num	8			Daily: Cigs per Day - Present (TBEA4)
11	TBEA4A	Num	8			Daily: Ever Quit - 6 months or longer (TBEA4A)
12	TBEA4B	Num	8			Daily: Years quit smoking - Total (TBEA4B)
13	TBEA5	Num	8			Some: Past 30 days - smoke cigs (TBEA5)
14	TBEA5A	Num	8			Some: Past 30 days - quit smoking 6 months or longer (TBEA5A)
15	TBEA5B	Num	8			Some: Ever Quit - 6 months or longer (TBEA5B)
16	TBEA5C	Num	8			Some: Years quit smoking - Total (TBEA5C)
17	TBEA6	Num	8			Quit: Age completely quit smoking (TBEA6)
18	TBEA6A	Num	8			Quit: Ever Quit - 6 months or longer (TBEA6A)
19	TBEA6B	Num	8			Quit: Years quit smoking - Total (TBEA6B)
20	TBEA7	Num	8			Reason for quitting smoking (TBEA7)
21	TBEA8A	Num	8			Medication to quit: Doctor Prescribed (TBEA8A)
22	TBEA8B	Num	8			Medication to quit: OTC (TBEA8B)
23	TBEA8C	Num	8			Medication to quit: Therapy (TBEA8C)
24	TBEA9	Num	8			Average Cigs per day - entire time (TBEA9)
25	TBEA10	Num	8			Pipe Smoke (TBEA10)
26	TBEA11	Num	8			Cigars (TBEA11)
27	TBEA12	Num	8			Live with regular smoker BEFORE age 13 (TBEA12)
28	TBEA13	Num	8			Mother Smoke (TBEA13)
29	TBEA14	Num	8			Number of smokers in household (TBEA14)
30	TBEA15	Num	8			Live with regular smoker AFTER age 13 (TBEA12)
31	TBEA16	Num	8			Hours per week in contact with smokers - past year (TBEA16)

**Data Set Name: *wbea\_lad1.sas7bdat***

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	VISIT	Num	8			
5	FSEQNO	Num	8			
6	LINENUMBER	Num	8			
7	WBEA1	Num	8			CES-D 10 - Bothered by things not usually bothered by (WBEA1)
8	WBEA2	Num	8			CES-D 10 - Trouble keeping mind on what I was doing (WBEA2)
9	WBEA3	Num	8			CES-D 10 - Felt depressed (WBEA3)
10	WBEA4	Num	8			CES-D 10 - Felt everything I did was an effort (WBEA4)
11	WBEA5	Num	8			CES-D 10 - Felt hopeful about future (WBEA5)
12	WBEA6	Num	8			CES-D 10 - Felt fearful (WBEA6)
13	WBEA7	Num	8			CES-D 10 - Sleep was restless (WBEA7)
14	WBEA8	Num	8			CES-D 10 - Was happy (WBEA8)
15	WBEA9	Num	8			CES-D 10 - Felt lonely (WBEA9)
16	WBEA10	Num	8			CES-D 10 - Could not get going (WBEA10)
17	WBEA11	Num	8			Spielberger Scale - Feel nervous and restless (WBEA11)
18	WBEA12	Num	8			Spielberger Scale - Feel satisfied with myself (WBEA12)
19	WBEA13	Num	8			Spielberger Scale - Wish I could be as happy as others (WBEA13)
20	WBEA14	Num	8			Spielberger Scale - Spielberger Scale - Feel like a failure (WBEA14)
21	WBEA15	Num	8			Spielberger Scale - Worry too much (WBEA15)
22	WBEA16	Num	8			Spielberger Scale - Lack self-confidence (WBEA16)
23	WBEA17	Num	8			Spielberger Scale - Feel secure (WBEA17)
24	WBEA18	Num	8			Spielberger Scale - Feel inadequate (WBEA18)
25	WBEA19	Num	8			Spielberger Scale - Am a steady person (WBEA19)
26	WBEA20	Num	8			Spielberger Scale - State of tension or turmoil (WBEA20)

**Data Set Name: whea\_lad1.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	PID	Char	8			Random BioLINCC ID for LAD
2	FORM	Char	3	\$3.	\$3.	form
3	VERS	Char	1	\$1.	\$1.	vers
4	WHEA1	Char	1	\$1.	\$1.	Under 21 yrs old (WBEA1)
5	VISIT	Num	8			
6	FSEQNO	Num	8			
7	LINENUMBER	Num	8			
8	WHEA7	Num	8			Loss or a gain in weight change (WBEA7)
9	WHEA8	Num	8			Weight Change b/c Trying to lose/gain weight (WBEA8)
10	WHEA6A_KG	Num	8			Weight Change in past 12 months (kg)