

Data Set Name: mm_antropometry.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	CURRENT_HEIGHT	Num	8	Check the codebook	Height
3	CURRENT_WEIGHT	Num	8	Check the codebook	Weight
4	BLOOD_PRESSURE1_HIGH	Num	8	Check the codebook	Systolic blood pressure before phlebotomy
5	BLOOD_PRESSURE1_LOW	Num	8	Check the codebook	Diastolic blood pressure before phlebotomy
6	PULSE1	Num	8	Check the codebook	Vitals before phlebotomy
7	BLOOD_PRESSURE2_HIGH	Num	8	Check the codebook	Systolic blood pressure after phlebotomy
8	BLOOD_PRESSURE2_LOW	Num	8	Check the codebook	Diastolic blood pressure after phlebotomy
9	PULSE2	Num	8	Check the codebook	Phlebotomy

Data Set Name: mm_dexa_android.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	TOTAL_FAT	Num	8	Check the codebook	Total Grams of Fat tissue in all included regions.
3	TOTAL_LEAN	Num	8	Check the codebook	Total Grams of Lean tissue in all included regions.
4	TOTAL_MASS	Num	8	Check the codebook	Total Mass in grams in all included regions
5	TOTAL_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in all included regions.
6	ANDROID_FAT	Num	8	Check the codebook	Total Grams of fat tissue in android region
7	ANDROID_LEAN	Num	8	Check the codebook	Total Grams of lean tissue in android region
8	ANDROID_MASS	Num	8	Check the codebook	Total Mass in grams in android region
9	ANDROID_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in android region.
10	GYNOID_FAT	Num	8	Check the codebook	Total Grams of fat tissue in gynoid region
11	GYNOID_LEAN	Num	8	Check the codebook	Total Grams of lean tissue in gynoid region
12	GYNOID_MASS	Num	8	Check the codebook	Total Mass in grams in gynoid region
13	GYNOID_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in gynoid region
14	VFAT_BODY_FAT	Num	8	Check the codebook	Total Grams of fat tissue in visceral region of abdomen
15	VFAT_BODY_LEAN	Num	8	Check the codebook	Total Grams of lean tissue in visceral region of abdomen
16	VFAT_BODY_MASS	Num	8	Check the codebook	Total Mass in grams in visceral region of abdomen
17	VFAT_BODY_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in visceral region of abdomen
18	VFAT_OUTERWALL_FAT	Num	8	Check the codebook	Total Grams of fat tissue in outer wall of visceral compartment
19	VFAT_OUTERWALL_LEAN	Num	8	Check the codebook	Total Grams of lean tissue in outer wall of visceral compartment
20	VFAT_OUTERWALL_MASS	Num	8	Check the codebook	Total Mass in grams in outer wall of visceral compartment
21	VFAT_OUTERWALL_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in outer wall of visceral compartment
22	VFAT_CAVITY_FAT	Num	8	Check the codebook	Total Grams of fat tissue inside visceral cavity

Num	Variable	Type	Len	Format	Label
23	VFAT_CAVITY_LEAN	Num	8	Check the codebook	Total Grams of lean tissue inside visceral cavity
24	VFAT_CAVITY_MASS	Num	8	Check the codebook	Total Mass in grams inside visceral cavity
25	VFAT_CAVITY_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass inside visceral cavity
26	VFAT_AREA	Num	8	Check the codebook	Cross-sectional area of visceral fat in the abdominal/visceral region
27	VFAT_MASS	Num	8	Check the codebook	Total mass of visceral fat in the abdominal/visceral region
28	VFAT_VOLUME	Num	8	Check the codebook	Volume of visceral fat in the abdominal/visceral region
29	TAT_AREA	Num	8	Check the codebook	Cross-sectional area of total adipose tissue (visceral + subcutaneous) in the measured region
30	TAT_MASS	Num	8	Check the codebook	Total mass of adipose tissue (fat) in the measured region
31	TAT_VOLUME	Num	8	Check the codebook	Volume estimate of total adipose tissue
32	SAT_AREA	Num	8	Check the codebook	Cross-sectional area of subcutaneous fat in the measured region (visceral + subcutaneous)
33	SAT_MASS	Num	8	Check the codebook	Total mass of adipose tissue (fat) in the subcutaneous fat region
34	SAT_VOLUME	Num	8	Check the codebook	Volume estimate of subcutaneous fat
35	WAIST_CIRCUMFERENCE	Num	8	Check the codebook	Circumference at the waist
36	SUBCU_FAT_CORRECTION	Num	8	Check the codebook	Correction factor applied to subcutaneous fat
37	BODY_WIDTH	Num	8	Check the codebook	Total body width
38	OUTER_WALL_WIDTH	Num	8	Check the codebook	Width of outer wall of visceral compartment
39	CAVITY_WIDTH	Num	8	Check the codebook	Width of visceral cavity

Data Set Name: mm_dexa_forearm.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	R_13_AREA	Num	8	Check the codebook	Bone Area for 1/3 distal radius.
3	R_13_BMC	Num	8	Check the codebook	Bone Mineral Content for 1/3 distal radius.
4	R_13_BMD	Num	8	Check the codebook	Bone Mineral Density for 1/3 distal radius.
5	R_MID_AREA	Num	8	Check the codebook	Bone Area for mid distal radius.
6	R_MID_BMC	Num	8	Check the codebook	Bone Mineral Content for mid distal radius.
7	R_MID_BMD	Num	8	Check the codebook	Bone Mineral Density for mid distal radius.
8	R_UD_AREA	Num	8	Check the codebook	Bone Area for ultra distal radius.
9	R_UD_BMC	Num	8	Check the codebook	Bone Mineral Content for ultra distal radius.
10	R_UD_BMD	Num	8	Check the codebook	Bone Mineral Density for ultra distal radius.
11	U_13_AREA	Num	8	Check the codebook	Bone Area for 1/3 distal ulna.
12	U_13_BMC	Num	8	Check the codebook	Bone Mineral Content for 1/3 distal ulna.
13	U_13_BMD	Num	8	Check the codebook	Bone Mineral Density for 1/3 distal ulna.
14	U_MID_AREA	Num	8	Check the codebook	Bone Area for mid distal ulna.
15	U_MID_BMC	Num	8	Check the codebook	Bone Mineral Content for mid distal ulna.
16	U_MID_BMD	Num	8	Check the codebook	Bone Mineral Density for mid distal ulna.
17	U_UD_AREA	Num	8	Check the codebook	Bone Area for ultra distal ulna.
18	U_UD_BMC	Num	8	Check the codebook	Bone Mineral Content for ultra distal ulna.
19	U_UD_BMD	Num	8	Check the codebook	Bone Mineral Density for ultra distal ulna.
20	RTOT_AREA	Num	8	Check the codebook	Total Bone Area analysis for radius.
21	RTOT_BMC	Num	8	Check the codebook	Total BMC analysis for radius.
22	RTOT_BMD	Num	8	Check the codebook	Total BMD analysis for radius.
23	UTOT_AREA	Num	8	Check the codebook	Total Bone Area analysis for radius.
24	UTOT_BMC	Num	8	Check the codebook	Total BMC analysis for radius.
25	UTOT_BMD	Num	8	Check the codebook	Total BMD analysis for radius.
26	RU13TOT_AREA	Num	8	Check the codebook	Total Bone Area for 1/3 distal radius and ulna.
27	RU13TOT_BMC	Num	8	Check the codebook	Total BMC for 1/3 distal radius and ulna.
28	RU13TOT_BMD	Num	8	Check the codebook	Total BMD for 1/3 distal radius and ulna.
29	RUMIDTOT_AREA	Num	8	Check the codebook	Total Bone Area for mid distal radius and ulna.
30	RUMIDTOT_BMC	Num	8	Check the codebook	Total BMC for mid distal radius and ulna.
31	RUMIDTOT_BMD	Num	8	Check the codebook	Total BMD for mid distal radius and ulna.
32	RUUDTOT_AREA	Num	8	Check the codebook	Total Bone Area for ultra distal radius and ulna.
33	RUUDTOT_BMC	Num	8	Check the codebook	Total BMC for ultra distal radius and ulna.
34	RUUDTOT_BMD	Num	8	Check the codebook	Total BMD for ultra distal radius and ulna.
35	RUTOT_AREA	Num	8	Check the codebook	Total Bone Area for radius and ulna.
36	RUTOT_BMC	Num	8	Check the codebook	Total BMC for radius and ulna.

Num	Variable	Type	Len	Format	Label
37	RUTOT_BMD	Num	8	Check the codebook	Total BMD for radius and ulna.

Data Set Name: mm_dexa_hip.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	TROCH_AREA	Num	8	Check the codebook	Bone Area for Trochanter Bone analysis.
3	TROCH_BMC	Num	8	Check the codebook	BMC for Trochanter Bone analysis.
4	TROCH_BMD	Num	8	Check the codebook	BMD for Trochanter Bone analysis.
5	INTER_AREA	Num	8	Check the codebook	Bone Area for inter -Trochanter Bone analysis.
6	INTER_BMC	Num	8	Check the codebook	BMC for inter -Trochanter Bone analysis.
7	INTER_BMD	Num	8	Check the codebook	BMD for inter -Trochanter Bone analysis.
8	NECK_AREA	Num	8	Check the codebook	Bone Area for Neck Bone analysis.
9	NECK_BMC	Num	8	Check the codebook	BMC for Neck Bone analysis.
10	NECK_BMD	Num	8	Check the codebook	BMD for Neck Bone analysis.
11	WARDS_AREA	Num	8	Check the codebook	Bone Area for Ward's Triangle Bone analysis.
12	WARDS_BMC	Num	8	Check the codebook	BMC for Ward's Triangle Bone analysis.
13	WARDS_BMD	Num	8	Check the codebook	BMD for Ward's Triangle Bone analysis.
14	HTOT_AREA	Num	8	Check the codebook	Bone Area for Total Bone analysis for all included regions.
15	HTOT_BMC	Num	8	Check the codebook	BMC for Total Bone analysis for all included regions.
16	HTOT_BMD	Num	8	Check the codebook	BMD for Total Bone analysis for all included regions.

Data Set Name: mm_dexa_obesityindex.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	TOTAL_PERCENT_FAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in all included regions.
3	BODY_MASS_INDEX	Num	8	Check the codebook	Body mass index
4	ANDROID_GYNOID_RATIO	Num	8	Check the codebook	Android-to-gynoid fat mass ratio
5	ANDROID_PERCENT_FAT	Num	8	Check the codebook	Percent fat in the android region
6	GYNOID_PERCENT_FAT	Num	8	Check the codebook	Percent fat in the gynoid region
7	FAT_MASS_RATIO	Num	8	Check the codebook	Ratio of fat mass to lean mass
8	TRUNK_LIMB_FAT_MASS_RATIO	Num	8	Check the codebook	Trunk-to-limb fat mass ratio
9	FAT_MASS_HEIGHT_SQUARED	Num	8	Check the codebook	Total fat mass (kg) / height ² (m ²)
10	TOTAL_FAT_MASS	Num	8	Check the codebook	Total fat tissue measured by DXA
11	LEAN_MASS_HEIGHT_SQUARED	Num	8	Check the codebook	Total lean mass (kg) / height ² (m ²)
12	APPENDAGE_LEAN_MASS_HEIGHT_2	Num	8	Check the codebook	Appendicular Lean Mass Index (ALMI)
13	TOTAL_LEAN_MASS	Num	8	Check the codebook	Whole-body lean mass
14	PURE_LEAN_HEIGHT_SQUARED	Num	8	Check the codebook	Total pure lean mass (whole body) divided by height ² .
15	APPENDAGE_PURE_LEAN_HEIGHT_2	Num	8	Check the codebook	Appendicular pure lean mass (arms + legs) divided by height ² .
16	TOTAL_PURE_LEAN	Num	8	Check the codebook	Total pure lean mass in the body

Data Set Name: mm_dexa_spine.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	L1_AREA	Num	8	Check the codebook	Bone area of L1.
3	L1_BMC	Num	8	Check the codebook	BMC of L1.
4	L1_BMD	Num	8	Check the codebook	BMD of L1.
5	L2_AREA	Num	8	Check the codebook	Bone area of L2.
6	L2_BMC	Num	8	Check the codebook	BMC of L2.
7	L2_BMD	Num	8	Check the codebook	BMD of L2.
8	L3_AREA	Num	8	Check the codebook	Bone area of L3.
9	L3_BMC	Num	8	Check the codebook	BMC of L3.
10	L3_BMD	Num	8	Check the codebook	BMD of L3.
11	L4_AREA	Num	8	Check the codebook	Bone area of L4.
12	L4_BMC	Num	8	Check the codebook	BMC of L4.
13	L4_BMD	Num	8	Check the codebook	BMD of L4.
14	TOT_AREA	Num	8	Check the codebook	Total Bone area for the regions included.
15	TOT_BMC	Num	8	Check the codebook	Total BMC for the regions included.
16	TOT_BMD	Num	8	Check the codebook	Total BMD for the regions included.

Data Set Name: mm_dexa_tbs.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	TBS_L1	Num	8	Check the codebook	Trabecular Bone Score of L1
3	TBS_L2	Num	8	Check the codebook	Trabecular Bone Score of L2
4	TBS_L3	Num	8	Check the codebook	Trabecular Bone Score of L3
5	TBS_L4	Num	8	Check the codebook	Trabecular Bone Score of L4
6	TBS_L1_L4	Num	8	Check the codebook	Trabecular Bone Score of L1-L4
7	TBS_L2_L4	Num	8	Check the codebook	Trabecular Bone Score of L2-L4
8	BMD_L1	Num	8	Check the codebook	BMD of L1.
9	BMD_L2	Num	8	Check the codebook	BMD of L2.
10	BMD_L3	Num	8	Check the codebook	BMD of L3.
11	BMD_L4	Num	8	Check the codebook	BMD of L4.
12	BMD_L1_L4	Num	8	Check the codebook	BMD of L1-L4.
13	BMD_L2_L4	Num	8	Check the codebook	BMD of L2-L4.

Data Set Name: mm_dexa_wholebody.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	WBTOT_AREA	Num	8	Check the codebook	Total Bone area for all included regions.
3	WBTOT_BMC	Num	8	Check the codebook	Total BMC for all included regions.
4	WBTOT_BMD	Num	8	Check the codebook	Total BMD for all included regions.
5	SUBTOT_AREA	Num	8	Check the codebook	Total bone area excluding the head region.
6	SUBTOT_BMC	Num	8	Check the codebook	Total BMC excluding the head region.
7	SUBTOT_BMD	Num	8	Check the codebook	Total BMD excluding the head region.
8	HEAD_AREA	Num	8	Check the codebook	Bone area for the Head region Bone analysis.
9	HEAD_BMC	Num	8	Check the codebook	BMC for the Head region.
10	HEAD_BMD	Num	8	Check the codebook	BMD for the Head region.
11	LARM_AREA	Num	8	Check the codebook	Bone area for Left Arm Region.
12	LARM_BMC	Num	8	Check the codebook	BMC for Left Arm Region.
13	LARM_BMD	Num	8	Check the codebook	BMD for Left Arm Region.
14	RARM_AREA	Num	8	Check the codebook	Bone area for Right Arm Region.
15	RARM_BMC	Num	8	Check the codebook	BMC for Right Arm Region.
16	RARM_BMD	Num	8	Check the codebook	BMD for Right Arm Region.
17	LRIB_AREA	Num	8	Check the codebook	Bone area for Left Rib Region.
18	LRIB_BMC	Num	8	Check the codebook	BMC for Left Rib Region.
19	LRIB_BMD	Num	8	Check the codebook	BMD for Left Rib Region.
20	RRIB_AREA	Num	8	Check the codebook	Bone for Right Rib Region.
21	RRIB_BMC	Num	8	Check the codebook	BMC for Right Rib Region.
22	RRIB_BMD	Num	8	Check the codebook	BMD for Right Rib Region.
23	T_S_AREA	Num	8	Check the codebook	Bone area for Thoracic Region.
24	T_S_BMC	Num	8	Check the codebook	BMC for Thoracic Region.
25	T_S_BMD	Num	8	Check the codebook	BMD for Thoracic Region.
26	L_S_AREA	Num	8	Check the codebook	Bone area for Lumbar Spine Region.
27	L_S_BMC	Num	8	Check the codebook	BMC for Lumbar Spine Region.
28	L_S_BMD	Num	8	Check the codebook	BMD for Lumbar Spine Region.
29	PELV_AREA	Num	8	Check the codebook	Bone area for Pelvic Region.
30	PELV_BMC	Num	8	Check the codebook	BMC for Pelvic Region.
31	PELV_BMD	Num	8	Check the codebook	BMD for Pelvic Region.
32	LLEG_AREA	Num	8	Check the codebook	Bone for Left Leg Region.
33	LLEG_BMC	Num	8	Check the codebook	BMC for Left Leg Region.
34	LLEG_BMD	Num	8	Check the codebook	BMD for Left Leg Region.
35	RLEG_AREA	Num	8	Check the codebook	Bone Area for Right Leg Region.
36	RLEG_BMC	Num	8	Check the codebook	BMC for Right Leg Region.

Num	Variable	Type	Len	Format	Label
37	RLEG_BMD	Num	8	Check the codebook	BMD for Right Leg Region.

Data Set Name: mm_dexa_wholebody_composition.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	HEAD_FAT	Num	8	Check the codebook	Grams of Fat tissue in Head region.
3	HEAD_LEAN	Num	8	Check the codebook	Grams of Lean tissue in Head region.
4	HEAD_MASS	Num	8	Check the codebook	Mass in grams in Head region.
5	HEAD_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in Head region.
6	LARM_FAT	Num	8	Check the codebook	Grams of Fat tissue in Left arm region.
7	LARM_LEAN	Num	8	Check the codebook	Grams of Lean tissue in Left arm region.
8	LARM_MASS	Num	8	Check the codebook	Mass in grams in Left arm region.
9	LARM_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in Left arm region.
10	RARM_FAT	Num	8	Check the codebook	Grams of Fat tissue in Right arm region.
11	RARM_LEAN	Num	8	Check the codebook	Grams of Lean tissue in Right arm region.
12	RARM_MASS	Num	8	Check the codebook	Mass in grams in Right arm region.
13	RARM_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in Right arm region.
14	TRUNK_FAT	Num	8	Check the codebook	Grams of Fat tissue in Trunk region.
15	TRUNK_LEAN	Num	8	Check the codebook	Grams of Lean tissue in Trunk region.
16	TRUNK_MASS	Num	8	Check the codebook	Mass in grams in Trunk region.
17	TRUNK_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in Trunk region.
18	L_LEG_FAT	Num	8	Check the codebook	Grams of Fat tissue in Left leg region.
19	L_LEG_LEAN	Num	8	Check the codebook	Grams of Lean tissue in Left leg region.
20	L_LEG_MASS	Num	8	Check the codebook	Mass in grams in Left leg region.
21	L_LEG_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in Left leg region.
22	R_LEG_FAT	Num	8	Check the codebook	Grams of Fat tissue in Right leg region.
23	R_LEG_LEAN	Num	8	Check the codebook	Grams of Lean tissue in Right leg region.
24	R_LEG_MASS	Num	8	Check the codebook	Mass in grams in Right leg region.
25	R_LEG_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in Right leg region.
26	SUBTOT_FAT	Num	8	Check the codebook	Grams of Fat tissue excluding the head region.
27	SUBTOT_LEAN	Num	8	Check the codebook	Grams of Lean tissue excluding the head region.
28	SUBTOT_MASS	Num	8	Check the codebook	Mass in grams excluding the head region.
29	SUBTOT_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass excluding the head region.
30	WBTOT_FAT	Num	8	Check the codebook	Total Grams of Fat tissue in Whole body.
31	WBTOT_LEAN	Num	8	Check the codebook	Total Grams of Lean tissue in Whole body.
32	WBTOT_MASS	Num	8	Check the codebook	Total Mass in grams in Whole body.
33	WBTOT_PFAT	Num	8	Check the codebook	Percentage of fat tissue to total tissue mass in Whole body.

Data Set Name: mm_diethistory.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	BLOOD_TYPE	Num	8	Check the codebook	1 = A; 2 = B; 3 = AB; 4 = O; 5 = unknown; 6 = no data.
3	HAVE_CHILDREN	Num	8	Check the codebook	The subject has children. (0 = No; -1 = Yes)
4	MARRIAGE_STATUS	Num	8	Check the codebook	1 = Single; 2 = Married; 3 = Widowed; 4 = Separated; 5 = Divorced; 6 = Living with a partner; 7 = Other
5	ON_SPECIAL_DIET	Num	8	Check the codebook	The subject is currently special diet or having diet restrictions or limitations for some reasons (health, lose weight, cultural, religious or other). (0 = No; -1 = Yes)
6	PAST_WEIGHT_CONTROL	Num	8	Check the codebook	IN THE PAST 12 MONTHS, the subject tried to lose weight or control the weight by taking special diet, medications, or supplements.(0 = No; -1 = Yes)
7	REGULAR_LUNCH	Num	8	Check the codebook	The subject eats this meal regularly.(0 = No; -1 = Yes)
8	TAKING_WEIGHTCONTROL_MED	Num	8	Check the codebook	The subject is currently taking prescribed or over-the-counter medications and supplements to lose weight or control the current weight. (0 = No; -1 = Yes)
9	TRAVELEDLATELY	Num	8	Check the codebook	The subject traveled recently in the past 3 months. (0 = No; -1 = Yes)

Data Set Name: mm_digestivehistory.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	STOOL_FORM	Char	51	Check the codebook	Classify the form of your stools (select one) on the Bristol Stool Scale (Type 1 - Separate hard lumps; Type 2 - Lumpy and sausage like; Type 3 - A sausage shape with cracks in the surface; Type 4 - Like a smooth soft sausage or snake; Type 5 - soft blobs)
3	BLOATING	Num	8	Check the codebook	How often the subject experiences the following symptoms. (1 = Often; 2 = Sometimes; 3 = Rarely; 4 - No data provided)
4	BREASTFED	Num	8	Check the codebook	The subject was breastfed during the infancy. (0 = No; -1 = Yes; 2 = Don't know)
5	CONSTIPATION	Num	8	Check the codebook	How often the subject experiences the following symptoms. (1 = Often; 2 = Sometimes; 3 = Rarely; 4 - No data provided)
6	DIARRHEA	Num	8	Check the codebook	How often the subject experiences the following symptoms. (1 = Often; 2 = Sometimes; 3 = Rarely; 4 - No data provided)
7	FOOD_AFFECT_DIGESTION	Num	8	Check the codebook	The subject associates digestive symptoms with eating certain foods. (0 = No; -1 = Yes)
8	GAS	Num	8	Check the codebook	How often the subject experiences the following symptoms. (1 = Often; 2 = Sometimes; 3 = Rarely; 4 - No data provided)
9	GIVEN_BIRTH_AT	Num	8	Check the codebook	Location of birth (1 = Hospital/Clinic; 2 = Home; 3 = Don't know)
10	HAVE_DIGESTIVE_DISEASE	Num	8	Check the codebook	The subject has been diagnosed with a digestive disease/condition. (0 = No; -1 = Yes)
11	HEARTBURN	Num	8	Check the codebook	How often the subject experiences the following symptoms. (1 = Often; 2 = Sometimes; 3 = Rarely; 4 - No data provided)
12	NAUSEA	Num	8	Check the codebook	How often the subject experiences the following symptoms. (1 = Often; 2 = Sometimes; 3 = Rarely; 4 - No data provided)
13	STOMACH_PAIN	Num	8	Check the codebook	How often the subject experiences the following symptoms. (1 = Often; 2 = Sometimes; 3 = Rarely; 4 - No data provided)
14	STOOL_FREQUENCY	Num	8	Check the codebook	Indicate the average stool frequency(1 = twice (or more) daily; 2 = once daily; 3 = once every 2 days; 4 = <once every 2 days; 0 = unknown)
15	TAKE_LAXATIVES	Num	8	Check the codebook	The subject has taken laxatives IN THE PAST 3 MONTHS. (0 = No; -1 = Yes)
16	TAKING_PROBIOTICS	Num	8	Check the codebook	The subject is currently taking any probiotics supplements.(0 = No; -1 = Yes)
17	TOOK_PROBIOTICS_BEFORE	Num	8	Check the codebook	If the subject is not currently taking probiotics, the subject has previously taken probiotics IN THE PAST 12 MONTHS.(0 = No; -1 = Yes)
18	WAYS_OF_GIVEN_BIRTH	Num	8	Check the codebook	Mode of birth (1 = Cesarean section; 2 = Vaginal; 3 = Don't know)

Data Set Name: mm_losgeneral_info.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	MM_CONSENT_AGE	Num	8	Check the codebook	Age at enrollment
3	RACE	Char	16	Check the codebook	Race(African-American; Caucasian; Hispanic; Other)

Data Set Name: mm_los_medical.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	HAD_SURGERY	Char	6	Check the codebook	The subject had surgery.
3	SKULL_FRACTURE	Char	6	Check the codebook	The subject had fracture or broken bones previously at this location.
4	SPINE_FRACTURE	Char	6	Check the codebook	The subject had fracture or broken bones previously at this location.
5	TRUNK_FRACTURE	Char	6	Check the codebook	The subject had fracture or broken bones previously at this location.
6	WRIST_FRACTURE	Char	6	Check the codebook	The subject had fracture or broken bones previously at this location.
7	UPPERLIMB_FRACTURE	Char	6	Check the codebook	The subject had fracture or broken bones previously at this location.
8	PELVIS_FRACTURE	Char	6	Check the codebook	The subject had fracture or broken bones previously at this location.
9	HIP_FRACTURE	Char	6	Check the codebook	The subject had fracture or broken bones previously at this location.
10	LOWERLIMB_FRACTURE	Char	6	Check the codebook	The subject had fracture or broken bones previously at this location.
11	SERIOUS_RESIDUALS	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
12	DIABETES_INSULIN_DEPENDENT	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
13	THYROID_DISEASE	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
14	ASTHMA	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
15	COPD	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
16	CANCER	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
17	COLON_DIGESTIVE_DISORDER	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
18	ULCERS	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
19	LIVER_DISEASE	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
20	GALLBLADDER_PANCREATIC_DISEASE	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
21	KIDNEY_DISEASE	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
22	KIDNEY_STONES	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)

Num	Variable	Type	Len	Format	Label
23	CONVULSIONS_SEIZURE_DISORDERS	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
24	ARTHRITIC_PAIN	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
25	JOINT_PAIN	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
26	SKIN_PROBLEM	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
27	MUSCULOSKELETAL_DISORDERS	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
28	EATING_DISORDERS	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
29	ALCOHOL_DRUG_PROBLEMS	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
30	AUTOIMMUNE_DISEASE	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
31	HAEMATOPOIETIC_MALIGNANCIES	Char	7	Check the codebook	The subject has ever experienced the following and whether it is a current condition. (Yes/No/Current)
32	LIMITED_PHYSICAL_ACTIVITY	Char	6	Check the codebook	The subject has experienced periods of bed rest or limited physical activity lasting 90 days or longer.
33	ETHNIC_MOTHER	Char	27	Check the codebook	Race/Ethnic Origin of Mother (African – American/Black; Asian; Caucasian/White; Hispanic/Latino; Native American/Pacific Islander; Other)
34	ETHNIC_FATHER	Char	16	Check the codebook	Race/Ethnic Origin of Father (African – American/Black; Asian; Caucasian/White; Hispanic/Latino; Native American/Pacific Islander; Other)

Data Set Name: mm_los_physical_activity.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	EXERCISE_REGULAR	Char	6	Check the codebook	The subject currently exercises on a fairly regular basis.
3	EXERCISE_SEASONAL	Char	6	Check the codebook	If Exercise_Regular=FALSE, the subject exercises on a seasonal basis.
4	SUN_EXPOSURE_15_MINUTES_DAILY	Char	6	Check the codebook	The subject receives at least 15 minutes of exposure to sun per day on the average.
5	BASEBALL_SOFTBALL	Char	6	Check the codebook	The subject performed this type of exercise.
6	TENNIS_RACQUEBALL	Char	6	Check the codebook	The subject performed this type of exercise.
7	BASKETBALL_VOLLEYBALL	Char	6	Check the codebook	The subject performed this type of exercise.
8	FOOTBALL_SOCCER	Char	6	Check the codebook	The subject performed this type of exercise.
9	GYMNASTICS	Char	6	Check the codebook	The subject performed this type of exercise.
10	WEIGHTLIFTING	Char	6	Check the codebook	The subject performed this type of exercise.
11	SWIMMING	Char	6	Check the codebook	The subject performed this type of exercise.
12	JOGGING_RUNNING	Char	6	Check the codebook	The subject performed this type of exercise.
13	WALKING	Char	6	Check the codebook	The subject performed this type of exercise.
14	SKATING	Char	6	Check the codebook	The subject performed this type of exercise.
15	BICYCLING	Char	6	Check the codebook	The subject performed this type of exercise.
16	HIKING	Char	6	Check the codebook	The subject performed this type of exercise.
17	CANOEING	Char	6	Check the codebook	The subject performed this type of exercise.
18	YOGA	Char	6	Check the codebook	The subject performed this type of exercise.

Data Set Name: mm_los_smoke_drink_diet.sas7bdat

Num	Variable	Type	Len	Format	Label
1	LOS_ID	Char	7	Check the codebook	A unique identifier for each patient
2	SMOKE	Char	6	Check the codebook	The subject smokes/smoked cigarettes. - Past history or current use of tobacco should be TRUE. (0 = No; -1 = Yes)
3	ALCOHOL_DRINKING	Num	8	Check the codebook	The subject drinks/drank alcohol. - Past history or current use of alcohol should be Yes. (0 = No; -1 = Yes)
4	BEER_DRINK	Num	8	Check the codebook	The subject drinks beer. (Including wine coolers, malt liquor, etc...) (0 = No; -1 = Yes)
5	WINE_DRINK	Num	8	Check the codebook	The subject drinks wine. (Including sherry, champagne, etc...)(0 = No; -1 = Yes)
6	LIQUOR_DRINK	Num	8	Check the codebook	The subject drinks liquor. (Including vodka, tequila, whiskey, rum, etc...)(0 = No; -1 = Yes)
7	YOGURT_EAT	Num	8	Check the codebook	The subjects consumes yogurt. (Not frozen yogurt) (0 = No; -1 = Yes)
8	NUM_FALLS_YEARLY	Num	8	Check the codebook	The number of falls per year that lead/can lead to breaking bone.