

FRAMINGHAM HEART STUDY - CODING MANUAL

FOOD FREQUENCY QUESTIONNAIRE DATA FOR WILLETT PURPLE FORM (88)

COHORT: ORIGINAL COHORT

DATA COLLECTION TIME FRAME: EXAM 21

SAS DATASET NAME: VR\_FFREQ\_EX21\_0\_0573D.SAS7BDAT

#RECORDS: 750

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

NOTE: VARIABLES IN ORDER OF FFQ APPEARANCE

<u>VARIABLE</u>	<u>DESCRIPTION</u>
IDTYPE	FRAMINGHAM HEART STUDY COHORT IDENTIFIER 0 = ORIGINAL
ID	FRAMINGHAM HEART STUDY PARTICIPANT ID NUMBER  **DELETED TO PRESERVE CONFIDENTIALITY, USE RANDOM ID (PID)
PID	RANDOM ID  **RANDOM ID REPLACES FRAMINGHAM ID TO PRESERVE CONFIDENTIALITY
MULTVIT	FFQ: TAKE MULTIVITAMINS 1=NO 2=YES 3=BLANK
MULFRQ	FFQ: MULTIVITAMINS PER WEEK 1= 2 OR LESS 2=3-5 3=6-9 4=10 OR MORE
MULBRND	FFQ: MULTIVITAMINS BRAND 1 - 9999 <i>Note: use codebook fram-vitamins.02.88user (sorted by name) or fram-vitamins.02.88user.codenumber (sorted by codenumber) to find the brand of vitamins corresponding to this code number.</i>

A FFQ: TAKE VIT A SUPPLEMENT  
1=NO  
2=YES, SEASONAL ONLY  
3=YES, MOST MONTHS

ADUR FFQ: VIT A SUPPLEMENT YEARS OF DURATION  
1=0-1 YR  
2=2-4 YRS  
3=5-9 YRS  
4=10+ YRS  
5=DON'T KNOW

AD FFQ: VIT A SUPPLEMENT DOSE PER DAY  
1=LESS THAN 8000 IU  
2=8000-12000 IU  
3=13000-22000 IU  
4=23000 IU OR MORE  
5=DON'T KNOW

C FFQ: TAKE VIT C SUPPLEMENT  
1=NO  
2=YES, SEASONAL ONLY  
3=YES, MOST MONTHS

CDUR FFQ: VIT C SUPPLEMENT YEARS OF DURATION  
1=0-1 YR  
2=2-4 YRS  
3=5-9 YRS  
4=10+ YRS  
5=DON'T KNOW

CD FFQ: VIT C SUPPLEMENT DOSE PER DAY  
1=LESS THAN 400 MG  
2=400-700 MG  
3=750-1250 MG  
4=1300 MG OR MORE  
5=DON'T KNOW

B6 FFQ: TAKE VIT B6 SUPPLEMENT  
1=NO  
2=YES  
3=BLANK

B6DUR FFQ: VIT B6 SUPPLEMENT YEARS OF DURATION  
1=0-1 YR  
2=2-4 YRS  
3=5-9 YRS  
4=10+ YRS  
5=DON'T KNOW

B6D FFQ: VIT B6 SUPPLEMENT DOSE PER DAY  
1=LESS THAN 10 MG  
2=10-39 MG  
3=40-79 MG  
4=80 MG OR MORE  
5=DON'T KNOW

E FFQ: TAKE VIT E SUPPLEMENT  
1=NO  
2=YES  
3=BLANK

EDUR FFQ: VIT E SUPPLEMENT YEARS OF DURATION  
1=0-1 YR  
2=2-4 YRS  
3=5-9 YRS  
4=10+ YRS  
5=DON'T KNOW

ED FFQ: VIT E SUPPLEMENT DOSE PER DAY  
1=LESS THAN 100 IU  
2=100-250 IU  
3=300-500 IU  
4=600 IU OR MORE  
5=DON'T KNOW

SEL FFQ: TAKE SELENIUM SUPPLEMENT  
1=NO  
2=YES  
3=BLANK

SELDUR FFQ: SELENIUM SUPPLEMENT YEARS OF DUR  
1=0-1 YR  
2=2-4 YRS  
3=5-9 YRS  
4=10+ YRS  
5=DON'T KNOW

SELD FFQ: SELENIUM SUPPLEMENT DOSE PER DAY  
1=LESS THAN 80 MCG  
2=80-130 MCG  
3=140-250 MCG  
4=260 MCG OR MOR  
5=DON'T KNOW

FE FFQ: TAKE IRON SUPPLEMENT  
1=NO  
2=YES  
3=BLANK

FEDUR FFQ: IRON SUPPLEMENT YEARS OF DURATION  
1=0-1 YR  
2=2-4 YRS  
3=5-9 YRS  
4=10+ YRS  
5=DON'T KNOW

FED FFQ: IRON SUPPLEMENT DOSE PER DAY  
1=LESS THAN 51 MG  
2=51-200 MG  
3=201-400 MG  
4=401 MG OR MORE  
5=DON'T KNOW

ZN                   FFQ: TAKE ZINC SUPPLEMENT  
                      1=NO  
                      2=YES  
                      3=BLANK

ZNDUR               FFQ: ZINC SUPPLEMENT YEARS OF DURATION  
                      1=0-1 YR  
                      2=2-4 YRS  
                      3=5-9 YRS  
                      4=10+ YRS  
                      5=DON'T KNOW

ZND                   FFQ: ZINC SUPPLEMENT DOSE PER DAY  
                      1=LESS THAN 25 MG  
                      2=25-74 MG  
                      3=75-100 MG  
                      4=101 MG OR MORE  
                      5=DON'T KNOW

CA                    FFQ: TAKE CALCIUM SUPPLEMENT  
                      1=NO  
                      2=YES  
                      3=BLANK

CADUR                FFQ: CALCIUM SUPPLEMENT YEARS OF DUR  
                      1=0-1 YR  
                      2=2-4 YRS  
                      3=5-9 YRS  
                      4=10+ YRS  
                      5=DON'T KNOW

CAD                   FFQ: CALCIUM SUPPLEMENT DOSE PER DAY  
                      1=LESS THAN 400 MG  
                      2=400-900 MG  
                      3=901-1300 MG  
                      4=1301 MG OR MORE  
                      5=DON'T KNOW

FA                    FFQ: TAKE FOLIC ACID SUPPLEMENT  
                      1 = FILLED IN (YES)  
                      . = NOT FILLED IN

D                     FFQ: TAKE VIT D SUPPLEMENT  
                      1 = FILLED IN (YES)  
                      . = NOT FILLED IN

VB                    FFQ: TAKE VIT B-COMPLEX SUPPLEMENT  
                      1 = FILLED IN (YES)  
                      . = NOT FILLED IN

CODLIV               FFQ: TAKE COD LIVER OIL SUPPLEMENT  
                      1 = FILLED IN (YES)  
                      . = NOT FILLED IN

OMEGA3                   FFQ: TAKE OMEGA-3 FATTY-ACIDS SUPPLEMENT  
                           1 = FILLED IN (YES)  
                           . = NOT FILLED IN

IODINE                   FFQ: TAKE IODINE SUPPLEMENT  
                           1 = FILLED IN (YES)  
                           . = NOT FILLED IN

CU                       FFQ: TAKE COPPER SUPPLEMENT  
                           1 = FILLED IN (YES)  
                           . = NOT FILLED IN

B\_Y                      FFQ: TAKE BREWER'S YEAST SUPPLEMENT  
                           1 = FILLED IN (YES)  
                           . = NOT FILLED IN

BCAROT                 FFQ: TAKE BETA-CAROTENE SUPPLEMENT  
                           1 = FILLED IN (YES)  
                           . = NOT FILLED IN

MG                       FFQ: TAKE MAGNESIUM SUPPLEMENT  
                           1 = FILLED IN (YES)  
                           . = NOT FILLED IN

OTHERS                 FFQ: TAKE OTHER SUPPLEMENT  
                           1 = FILLED IN (YES)  
                           . = NOT FILLED IN

SKIM                    FFQ: SKIM OR LOWFAT MILK (8 OZ)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER Day  
                           10, .= invalid writing or other (missing data)

MILK                    FFQ: WHOLE MILK (8 OZ)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

CREAM                   FFQ: CREAM (TBS)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

SOUR\_CR                 FFQ: SOUR CREAM (TBS)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

COF\_WHT                FFQ: NON-DAIRY COFFEE WHITENER (TSP)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

SHERB                   FFQ: SHERBRT OR ICE MILK (1/2 CUP)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

ICE\_CR                    FFQ: ICE CREAM (1/2 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

YOG                        FFQ: YOGURT (1 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

COT\_CH                    FFQ: COTTAGE OR RICOTTA CHEESE (1/2 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

CR\_CH                     FFQ: CREAM CHEESE (1 OZ)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

OTH\_CH                    FFQ: OTHER CHEESE (1 SLICE OR 1 OZ)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

MARGARIN                 FFQ: MARGARINE (PAT), ADDED TO FOOD  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

BU                         FFQ: BUTTER (PAT), ADDED TO FOOD  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

RAIS                      FFQ: RAISINS (1 OZ.) OR GRAPES  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)



PRUN                    FFQ: PRUNES (1/2 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

BAN                    FFQ: BANANAS (1)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

CANT                    FFQ: CANTALOUPE (1/4 MELON)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

H20MEL                FFQ: WATERMELON (1 SLICE)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

APPLE                    FFQ: FRESH APPLES OR PEARS (1)  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)

A\_J                    FFQ: APPLE JUICE OR CIDER (SMALL GLASS)  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)

ORANG                   FFQ: ORANGES (1)  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)

O\_J                    FFQ: ORANGE JUICE (SMALL GLASS)  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)

GRFRT                    FFQ: GRAPEFRUIT (1/2)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

GRFRT\_J                    FFQ: GRAPEFRUIT JUICE (SMALL GLASS)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

OTH\_F\_J                    FFQ: OTHER FRUIT JUICE (SMALL GLASS)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

STRAW                    FFQ: STRAWBERRIES (1/2 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

BLUE                    FFQ: BLUEBERRIES (1/2 CUP)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

PEACH\_CN                FFQ: PEACHES, APRI OR PLUMS (1 OR 1/2 C)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

TOM                      FFQ: TOMATOES (1)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

TOM\_J                    FFQ: TOMATO JUICE (SMALL GLASS)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

TOM\_S                    FFQ: TOMATO SAUCE (1/2 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

CHIL\_SCE                FFQ: RED CHILI SAUCE (1 TBS)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

TOFU                    FFQ: TOFU OR SOYBEANS (3-4 OZ)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

ST\_BEANS                FFQ: STRING BEANS (1/2 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

BROC                    FFQ: BROCCOLI (1/2 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

CABB                    FFQ: CABBAGE OR COLE SLAW (1/2 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

CAUL                    FFQ: CAULIFLOWER (1/2 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

BRUSL                   FFQ: BRUSSELS SPROUTS (1/2 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

CARROT\_R                    FFQ: CARROTS, RAW (1/2 OR 2-4 STICKS)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

CARROT\_C                    FFQ: CARROTS, COOKED (1/2 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

CORN                         FFQ: CORN (1 EAR OR 1/2 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

PEAS                        FFQ: PEAS OR LIMA BEANS (1/2 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

MIX\_VEG                    FFQ: MIXED VEGETABLES (1/2 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

BEANS                        FFQ: BEANS OR LENTILS (1/2 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

YEL\_SQS                    FFQ: YELLOW (WINTER) SQUASH (1/2 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

ZUKE                        FFQ: EGGPLNT, ZUCCHINI, SUM SQ (1/2 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)



YAMS                    FFQ: YAMS OR SWEET POTATOES (1/2 CUP)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

SPIN\_CKD                FFQ: SPINACH, COOKED (1/2 CUP)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

SPIN\_RAW                FFQ: SPINACH, RAW (1/2 CUP)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

KALE                    FFQ: KALE, MSTRD, CHARD GREENS (1/2 CUP)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

ICE\_LET                    FFQ: ICEBERG OR HEAD LETTUCE (SERVING)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

ROM\_LET                    FFQ: ROMAINE OR LEAF LETTUCE (SERVING)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

CELERY                    FFQ: CELERY (4" STICK)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

BEET                        FFQ: BEETS (1/2 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

ALF\_SPRT                   FFQ: ALFALFA SPROUTS (1/2 CUP)  
                            1 = NEVER, OR LESS THAN ONCE PER MONTH  
                            2 = 1-3 PER MONTH  
                            3 = 1 PER WEEK  
                            4 = 2-4 PER WEEK  
                            5 = 5-6 PER WEEK  
                            6 = 1 PER DAY  
                            7 = 2-3 PER DAY  
                            8 = 4-5 PER DAY  
                            9 = 6+ PER DAY  
                            10, .= invalid writing or other (missing data)

GARLIC                     FFQ: GARLIC (1 CLOVE OR SHAKE)  
                            1 = NEVER, OR LESS THAN ONCE PER MONTH  
                            2 = 1-3 PER MONTH  
                            3 = 1 PER WEEK  
                            4 = 2-4 PER WEEK  
                            5 = 5-6 PER WEEK  
                            6 = 1 PER DAY  
                            7 = 2-3 PER DAY  
                            8 = 4-5 PER DAY  
                            9 = 6+ PER DAY  
                            10, .= invalid writing or other (missing data)

EGGS                       FFQ: EGGS (1)  
                            1 = NEVER, OR LESS THAN ONCE PER MONTH  
                            2 = 1-3 PER MONTH  
                            3 = 1 PER WEEK  
                            4 = 2-4 PER WEEK  
                            5 = 5-6 PER WEEK  
                            6 = 1 PER DAY  
                            7 = 2-3 PER DAY  
                            8 = 4-5 PER DAY  
                            9 = 6+ PER DAY  
                            10, .= invalid writing or other (missing data)

CHIX\_SK                   FFQ: CHICKEN/TURKEY, W/SKIN (4-6 OZ)  
                            1 = NEVER, OR LESS THAN ONCE PER MONTH  
                            2 = 1-3 PER MONTH  
                            3 = 1 PER WEEK  
                            4 = 2-4 PER WEEK  
                            5 = 5-6 PER WEEK  
                            6 = 1 PER DAY  
                            7 = 2-3 PER DAY  
                            8 = 4-5 PER DAY  
                            9 = 6+ PER DAY  
                            10, .= invalid writing or other (missing data)

CHIX\_NO                    FFQ: CHICKEN/TURKEY, W/OUT SKIN (4-6 OZ)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

BACON                      FFQ: BACON (2 SLICES)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

HOTDOG                    FFQ: HOT DOGS (1)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

PROC\_MTS                  FFQ: PROCESSED MEATS (PIECE OR SLICE)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

LIVER                    FFQ: LIVER (3-4 OZ)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

HAMB                    FFQ: HAMBURGER (1 PATTY)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

SAND\_BF                FFQ: BEEF, PORK, LAMB AS SAND OR MIXED  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

BEEF                    FFQ: BEEF, PORK, LAMB AS MAIN (4-6 OZ)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

TUNA                    FFQ: CANNED TUNA FISH (3-4 OZ)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

DK\_FISH                FFQ: DARK MEAT FISH (3-5 OZ)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

OTH\_FISH              FFQ: OTHER FISH (3-5 OZ)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

SHRIMP                FFQ: SHRIMP, LOBSTER, SCALLOPS AS MAIN  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

COLD\_CER                    FFQ: COLD BREAKFAST CEREAL (1 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

CKD\_OATS                    FFQ: COOKED OATMEAL (1 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

CKD\_CER                    FFQ: OTHER COOKED BRKFST CEREAL (1 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

WH\_BR                      FFQ: WHITE BREAD (SLICE), INCLUDING PITA  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

DK\_BR                    FFQ: DARK BREAD (SLICE)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

ENG\_MUFF                FFQ: ENGLISH MUFFINS, BAGELS, ROLLS (1)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

MUFF                    FFQ: MUFFINS OR BISCUITS (1)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

BR\_RICE                FFQ: BROWN RICE (1 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)



WH\_RICE                    FFQ: WHITE RICE (1 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

PASTA                      FFQ: PASTA (1 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

GRAINS                    FFQ: OTHER GRAINS (1 CUP)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

PANCAKE                  FFQ: PANCAKES OR WAFFLES (SERVING)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

FF\_POT                    FFQ: FRENCH FRIED POTATOES (4 OZ)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

MASH\_POT                  FFQ: POTATOES, BKD, BOILED, MSHD (1 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

POT\_CHIP                  FFQ: POTATO OR CORN CHIPS (SM BAG/1 OZ)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

CRAX                      FFQ: CRACKERS, TRISKETS, WH THINS (1)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

PIZZA                    FFQ: PIZZA (2 SLICES)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

LOCALCAF                FFQ: LOW CALORIE COLA, WITH CAFFEINE  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

LOCALNO                FFQ: LOW CALORIE CAFFEINE-FREE COLA  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

OTHLOCAL                FFQ: OTHER LOW CALORIE CARB BEVERAGE  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

COKE FFQ: COKE, PEPSI, OTHER COLA W/SUGAR  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)

COKE\_NO FFQ: CAFF FREE COKE, PEPSI, COLA W/SUGAR  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)

OTH\_CARB FFQ: OTHER CARB BEVERAGE W/SUGAR  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)

PUNCH FFQ: NON-CARB BEVERAGE W/SUGAR  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)

DECAF                    FFQ: DECAFFEINATED COFFEE (1 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

COFF                    FFQ: COFFEE (1 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

TEA                    FFQ: TEA (1 CUP), NOT HERBAL TEAS  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

BEER                    FFQ: BEER (1 GLASS, BOTTLE, CAN)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

R\_WINE                    FFQ: RED WINE ( 4 OZ GLASS)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

W\_WINE                    FFQ: WHITE WINE ( 4 OZ GLASS)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

LIQ                        FFQ: LIQUOR (1 DRINK OR SHOT)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

CHOC                      FFQ: CHOCOLATE (BARS OR PIECES)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

CANDYNUT                    FFQ: CANDY BARS  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

CANDY                        FFQ: CANDY W/OUT CHOCOLATE (1 OZ)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

COOX\_HOM                    FFQ: COOKIES, HOME BAKED (1)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

COOX\_COM                    FFQ: COOKIES, READY MADE (1)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

BROWNIE                    FFQ: BROWNIES (1)  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)

DONUT                      FFQ: DOUGHNUTS (1)  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)

CAKE\_HOM                  FFQ: CAKE, HOME BAKED (SLICE)  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)

CAKE\_COM                  FFQ: CAKE, READY MADE (SLICE)  
1 = NEVER, OR LESS THAN ONCE PER MONTH  
2 = 1-3 PER MONTH  
3 = 1 PER WEEK  
4 = 2-4 PER WEEK  
5 = 5-6 PER WEEK  
6 = 1 PER DAY  
7 = 2-3 PER DAY  
8 = 4-5 PER DAY  
9 = 6+ PER DAY  
10, .= invalid writing or other (missing data)



S\_ROLL\_H                    FFQ: SWEET ROLL, HOME BAKED (SERVING)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

S\_ROLL\_C                    FFQ: SWEET ROLL, READY MADE (SERVING)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

PIE\_HOME                    FFQ: PIE, HOMEMADE (SLICE)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

PIE\_COMM                    FFQ: PIE, READY MADE (SLICE)  
                              1 = NEVER, OR LESS THAN ONCE PER MONTH  
                              2 = 1-3 PER MONTH  
                              3 = 1 PER WEEK  
                              4 = 2-4 PER WEEK  
                              5 = 5-6 PER WEEK  
                              6 = 1 PER DAY  
                              7 = 2-3 PER DAY  
                              8 = 4-5 PER DAY  
                              9 = 6+ PER DAY  
                              10, .= invalid writing or other (missing data)

JAM                    FFQ: JAMS/JELLIES/PRSRVS/SYR/HON (1 TBS)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

P\_BU                    FFQ: PEANUT BUTTER (TBS)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

POPC                    FFQ: POPCORN (1 CUP)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

NUTS                    FFQ: NUTS (SMALL PACKET OR 1 OZ)  
                          1 = NEVER, OR LESS THAN ONCE PER MONTH  
                          2 = 1-3 PER MONTH  
                          3 = 1 PER WEEK  
                          4 = 2-4 PER WEEK  
                          5 = 5-6 PER WEEK  
                          6 = 1 PER DAY  
                          7 = 2-3 PER DAY  
                          8 = 4-5 PER DAY  
                          9 = 6+ PER DAY  
                          10, .= invalid writing or other (missing data)

BRAN                   FFQ: BRAN, ADDED TO FOOD (1 TBS)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

WH\_GERM               FFQ: WHEAT GERM (1 TBS)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

CHOW                   FFQ: CHOWDER OR CREAM SOUP (1 CUP)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)

O\_AND\_V               FFQ: OIL AND VINEGAR DRESSING (1 TBS)  
                           1 = NEVER, OR LESS THAN ONCE PER MONTH  
                           2 = 1-3 PER MONTH  
                           3 = 1 PER WEEK  
                           4 = 2-4 PER WEEK  
                           5 = 5-6 PER WEEK  
                           6 = 1 PER DAY  
                           7 = 2-3 PER DAY  
                           8 = 4-5 PER DAY  
                           9 = 6+ PER DAY  
                           10, .= invalid writing or other (missing data)



VEGPT                   FFQ: Vegetable section pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

EGGSPT                   FFQ: Eggs/meat section 1 pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

MEATSPT                   FFQ: Meat section 2 pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

BREADSPT                   FFQ: Bread section pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

BEVPT                    FFQ: Beverage section pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

SWEETSPT                   FFQ: Sweets section pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

OTHERSPT                   FFQ: Other food section pass through indicator  
                          1 = WHOLESECTION IS MISSING  
                          . = NOT FILLED IN

FATFPT                    FFQ: Fat in frying section pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

FATBPT                    FFQ: Fat in baking section pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

OILPT                    FFQ: Oil section pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

MPT                        FFQ: Margarine pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

SUGPT                    FFQ: Added sugar pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

CERPT                    FFQ: Cereal section pass through indicator  
                          1 = WHOLE SECTION IS MISSING  
                          . = NOT FILLED IN

VF FFQ: VISIBLE FAT REMOVED FROM MEATS  
1=REMOVE ALL VISIBLE FAT  
2=REMOVE MAJORITY  
3=REMOVE SMALL PART OF FAT  
4=REMOVE NONE  
5=DON'T EAT MEAT

FB FFQ: BUTTER USED FOR COOKING  
1= FILLED IN (YES)  
. = NOT FILLED IN

FM FFQ: MARGARINE USED FOR COOKING  
1= FILLED IN (YES)  
. = NOT FILLED IN

FVO FFQ: VEG OIL USED FOR COOKING  
1= FILLED IN (YES)  
. = NOT FILLED IN

FSH FFQ: VEG SHORTENING USED FOR COOKING  
1= FILLED IN (YES)  
. = NOT FILLED IN

FL FFQ: LARD USED FOR COOKING  
1= FILLED IN (YES)  
. = NOT FILLED IN

BB FFQ: BUTTER USED FOR BAKING  
1= FILLED IN (YES)  
. = NOT FILLED IN

BM FFQ: MARGARINE USED FOR BAKING  
1= FILLED IN (YES)  
. = NOT FILLED IN

BVO FFQ: VEG OIL USED FOR BAKING  
1= FILLED IN (YES)  
. = NOT FILLED IN

BSH FFQ: VEG SHORTENING USED FOR BAKING  
1= FILLED IN (YES)  
. = NOT FILLED IN

BL FFQ: LARD USED FOR BAKING  
1= FILLED IN (YES)  
. = NOT FILLED IN

MN FFQ: FORM OF MARGARINE -NONE  
1= FILLED IN (YES)  
. = NOT FILLED IN

MS FFQ: FORM OF MARGARINE -STICK  
1= FILLED IN (YES)  
. = NOT FILLED IN

MLS                    FFQ: FORM OF MARGARINE -LOW-CAL STICK  
                           1= FILLED IN (YES)  
                           .= NOT FILLED IN

MT                     FFQ: FORM OF MARGARINE -TUB  
                           1= FILLED IN (YES)  
                           .= NOT FILLED IN

MSP                    FFQ: FORM OF MARGARINE -SPREAD  
                           1= FILLED IN (YES)  
                           .= NOT FILLED IN

MLT                    FFQ: FORM OF MARGARINE -LOW-CALORIE TUB  
                           1= FILLED IN (YES)  
                           .= NOT FILLED IN

FFH                    FFQ: FOOD FRIED AT HOME  
                           1= DAILY  
                           2= 1-3 TIMES  
                           3= 4-6 TIMES  
                           4= LESS THAN ONCE A WEEK  
                           5= BLANK

FFA                    FFQ: FOOD FRIED AWAY FROM HOME  
                           1= DAILY  
                           2= 1-3 TIMES  
                           3= 4-6 TIMES  
                           4= LESS THAN ONCE A WEEK  
                           5= BLANK

SUGAR                 FFQ: SUGAR ADDED TO BEVERAGE OR FOOD (TSP/DAY)  
                           . = UNKNOWN

OIL                    FFQ: TYPE OF COOKING OIL USUALLY USED  
                           0 - 98  
                           . = UNKNOWN  
                           *Note: use codebook fram-oils.02.user (sorted by name)  
                           or fram-oils.02.user.codenumber (sorted by  
                           codenumber) to find the brand of oil corresponding to  
                           this code number.*

CER                    FFQ: KIND OF COLD BREAKFAST CEREAL  
                           0 - 999  
                           . = UNKNOWN  
                           *Note: use codebook fram-cereals.02.user (sorted by  
                           name)or fram-cereals.02.user.codenumber (sorted by  
                           codenumber) to find the brand of cereal corresponding  
                           to this code number.*

OTHER1                FFQ: OTHER FOOD 1  
                           1 - 371  
                           . = UNKNOWN  
                           *Note: use codebook fram-foods.02.88user (sorted by  
                           name)or fram-foods.02.88user.codenumber (sorted by  
                           codenumber) to find the type of food corresponding to  
                           this code number.*

MEASURE1           FFQ: OTHER FOOD 1 MEASURE  
                   . = UNKNOWN  
*Note: This variable was used to create the derived nutrient fields starting with NUT\_.*

FRACT1           FFQ: OTHER FOOD 1 FRACTION OF MEASURE  
                   . = UNKNOWN  
*Note: This variable was used to create the derived nutrient fields starting with NUT\_.*

AMOUNT1          FFQ: OTHER FOOD 1 SERVING SIZE  
                   . = UNKNOWN

FREQ1            FFQ: OTHER FOOD 1 SERVINGS/WEEK  
                   . = UNKNOWN

OTHER2           FFQ: OTHER FOOD 2  
                   1 - 371  
                   . = UNKNOWN  
*Note: use codebook fram-foods.02.88user (sorted by name) or fram-foods.02.88user.codenumber (sorted by codenumber) to find the type of food corresponding to this code number.*

MEASURE2         FFQ: OTHER FOOD 2 MEASURE  
                   . = UNKNOWN  
*Note: This variable was used to create the derived nutrient fields starting with NUT\_.*

FRACT2           FFQ: OTHER FOOD 2 FRACTION OF MEASURE  
                   . = UNKNOWN  
*Note: This variable was used to create the derived nutrient fields starting with NUT\_.*

AMOUNT2          FFQ: OTHER FOOD 2 SERVING SIZE  
                   . = UNKNOWN

FREQ2            FFQ: OTHER FOOD 2 SERV/WEEK  
                   . = UNKNOWN

OTHER3           FFQ: OTHER FOOD 3  
                   1 - 371  
                   . = UNKNOWN  
*Note: use codebook fram-foods.02.88user (sorted by name) or fram-foods.02.88user.codenumber (sorted by codenumber) to find the type of food corresponding to this code number.*

MEASURE3         FFQ: OTHER FOOD 3 MEASURE  
                   . = UNKNOWN  
*Note: This variable was used to create the derived nutrient fields starting with NUT\_.*



FRACT3                    FFQ: OTHER FOOD 3 FRACTION OF MEASURE  
                               . = UNKNOWN  
                               *Note: This variable was used to create the derived  
                               nutrient fields starting with NUT\_.*

AMOUNT3                   FFQ: OTHER FOOD 3 SERVING SIZE  
                               . = UNKNOWN

FREQ3                    FFQ: OTHER FOOD 3 SERV/WEEK  
                               . = UNKNOWN

BLNKS                    NUMBER OF BLANKS ON THE FFQ

BLNKSF                   NUMBER OF BLANKS ON THE FOOD PORTION OF THE FFQ

NBLANK                   NUMBER OF BLANKS ON THE FFQ - CREATED FOR USE IN  
                               CREATING THE NUTRIENT VARIABLES (THOSE BEGINNING WITH  
                               NUT\_)

FFQ\_VAL                   VALIDITY MARKER FOR FFQ BASED ON A CALORIE MINIMUM  
                               AND MAXIMUM AND NUMBER OF BLANKS (VARIABLE BLNKS)  
                               0 = INVALID  
                               1 = VALID  
                                   MEN: LESS THAN 13 BLANKS ON FFQ AND  
                                   CALORIES (NUT\_CALOR) BETWEEN 600 - 4199  
                                   WOMEN: LESS THAN 13 BLANKS ON FFQ AND  
                                   CALORIES (NUT\_CALOR) BETWEEN 600 - 3999  
                               . = UNKNOWN

SCORE93                   DERIVED FIELD: NUTRIENT VALUE - ALPHA CAROTENE,  
                               1993, (mcg)  
                               . = UNKNOWN

SCORE3                    DERIVED FIELD: NUTRIENT VALUE - ANIMAL FAT, (gm)  
                               . = UNKNOWN

SCORE33                   DERIVED FIELD: NUTRIENT VALUE - ALCOHOL, (gm)  
                               . = UNKNOWN

SCORE41                   DERIVED FIELD: NUTRIENT VALUE - ANIMAL PROTEIN, (gm)  
                               . = UNKNOWN

SCORE74                   DERIVED FIELD: NUTRIENT VALUE - ASPARATE, (gm)  
                               . = UNKNOWN

SCORE15                   DERIVED FIELD: NUTRIENT VALUE - VITAMIN B1, (mg)  
                               . = UNKNOWN

SCORE16                   DERIVED FIELD: NUTRIENT VALUE - VITAMIN B2, (mg)  
                               . = UNKNOWN

SCORE18                   DERIVED FIELD: NUTRIENT VALUE - VITAMIN B6, (mg)  
                               . = UNKNOWN

SCORE42                   DERIVED FIELD: NUTRIENT VALUE - GLYCOSOLATED B6 (mg)  
                               . = UNKNOWN

SCORE36 DERIVED FIELD: NUTRIENT VALUE - VITAMIN B12, (mcg)  
. = UNKNOWN

SCORE87 DERIVED FIELD: NUTRIENT VALUE - VITAMIN B12 WITHOUT  
VITAMIN PILLS, (mcg)  
. = UNKNOWN

SCORE79 DERIVED FIELD: NUTRIENT VALUE - VITAMIN B1 (THIAMIN)  
WITHOUT VITAMIN PILLS, (mg)  
. = UNKNOWN

SCORE80 DERIVED FIELD: NUTRIENT VALUE - VITAMIN B2  
(RIBOFLAVIN) WITHOUT VITAMIN PILLS, (mg)  
. = UNKNOWN

SCORE81 DERIVED FIELD: NUTRIENT VALUE - VITAMIN B6  
(PYRIDOXINE) WITHOUT VITAMIN PILLS, (mg)  
. = UNKNOWN

SCORE94 DERIVED FIELD: NUTRIENT VALUE - BETA CAROTENE, 1993  
(mcg)  
. = UNKNOWN

SCORE98 DERIVED FIELD: NUTRIENT VALUE - BETA CAROTENE WITHOUT  
VITAMIN PILLS, (mcg)  
. = UNKNOWN

SCORE95 DERIVED FIELD: NUTRIENT VALUE - BETA CRYPTOXANTHIN,  
1993 (mcg)  
. = UNKNOWN

SCORE34 DERIVED FIELD: NUTRIENT VALUE - CAFFEINE, (mg)  
. = UNKNOWN

SCORE8 DERIVED FIELD: NUTRIENT VALUE - CALCIUM, (mg)  
. = UNKNOWN

SCORE75 DERIVED FIELD: NUTRIENT VALUE - CALCIUM WITHOUT  
VITAMIN PILLS, (mg)  
. = UNKNOWN

SCORE1 DERIVED FIELD: CALORIES, (kcal)  
. = UNKNOWN

SCORE5 DERIVED FIELD: NUTRIENT VALUE - CARBOHYDRATES, (gm)  
. = UNKNOWN

SCORE21 DERIVED FIELD: NUTRIENT VALUE - CAROTENE, (IU)  
. = UNKNOWN

SCORE28 DERIVED FIELD: NUTRIENT VALUE - CHOLESTEROL, (mg)  
. = UNKNOWN

SCORE6 DERIVED FIELD: NUTRIENT VALUE - CRUDE FIBER, (gm)  
. = UNKNOWN

SCORE54 DERIVED FIELD: NUTRIENT VALUE - COPPER, (mg)  
. = UNKNOWN

SCORE7 DERIVED FIELD: NUTRIENT VALUE - DIETARY FIBER, (gm)  
. = UNKNOWN

SCORE57 DERIVED FIELD: NUTRIENT VALUE - 4.0 FATTY ACID, (gm)  
. = UNKNOWN

SCORE58 DERIVED FIELD: NUTRIENT VALUE - 6.0 FATTY ACID, (gm)  
. = UNKNOWN

SCORE59 DERIVED FIELD: NUTRIENT VALUE - 8.0 FATTY ACID, (gm)  
. = UNKNOWN

SCORE60 DERIVED FIELD: NUTRIENT VALUE - 10.0 FATTY ACID, (gm)  
. = UNKNOWN

SCORE61 DERIVED FIELD: NUTRIENT VALUE - 12.0 FATTY ACID, (gm)  
. = UNKNOWN

SCORE62 DERIVED FIELD: NUTRIENT VALUE - 14.0 FATTY ACID, (gm)  
. = UNKNOWN

SCORE63 DERIVED FIELD: NUTRIENT VALUE - 16.0 FATTY ACID, (gm)  
. = UNKNOWN

SCORE65 DERIVED FIELD: NUTRIENT VALUE - 16.1 FATTY ACID, (gm)  
. = UNKNOWN

SCORE64 DERIVED FIELD: NUTRIENT VALUE - 18.0 FATTY ACID, (gm)  
. = UNKNOWN

SCORE25 DERIVED FIELD: NUTRIENT VALUE - OLEIC , (gm)  
. = UNKNOWN

SCORE27 DERIVED FIELD: NUTRIENT VALUE - LINOLEIC, (gm)  
. = UNKNOWN

SCORE56 DERIVED FIELD: NUTRIENT VALUE - 18.3 FATTY ACID, (gm)  
. = UNKNOWN

SCORE68 DERIVED FIELD: NUTRIENT VALUE - 18.4 FATTY ACID, (gm)  
. = UNKNOWN

SCORE66 DERIVED FIELD: NUTRIENT VALUE - 20.1 FATTY ACID, (gm)  
. = UNKNOWN

SCORE69 DERIVED FIELD: NUTRIENT VALUE - 20.4 FATTY ACID, (gm)  
. = UNKNOWN

SCORE70 DERIVED FIELD: NUTRIENT VALUE - 20.5 FATTY ACID, (gm)  
. = UNKNOWN

SCORE67 DERIVED FIELD: NUTRIENT VALUE - 22.1 FATTY ACID, (gm)  
. = UNKNOWN

SCORE71 DERIVED FIELD: NUTRIENT VALUE - 22.5 FATTY ACID, (gm)  
. = UNKNOWN

SCORE72 DERIVED FIELD: NUTRIENT VALUE - 22.6 FATTY ACID, (gm)  
. = UNKNOWN

SCORE19 DERIVED FIELD: NUTRIENT VALUE - FOLATE, (mcg)  
. = UNKNOWN

SCORE82 DERIVED FIELD: NUTRIENT VALUE - FOLATE WITHOUT  
VITAMIN PILLS, (mcg)  
. = UNKNOWN

SCORE55 DERIVED FIELD: NUTRIENT VALUE - FRUCTOSE, (gm)  
. = UNKNOWN

SCORE73 DERIVED FIELD: NUTRIENT VALUE - GLUTAMATE (gm)  
. = UNKNOWN

SCORE52 DERIVED FIELD: NUTRIENT VALUE - IODINE, (mcg)  
. = UNKNOWN

SCORE9 DERIVED FIELD: NUTRIENT VALUE - IRON, (mg)  
. = UNKNOWN

SCORE76 DERIVED FIELD: NUTRIENT VALUE - IRON WITHOUT VITAMIN  
PILLS (mg)  
. = UNKNOWN

SCORE12 DERIVED FIELD: NUTRIENT VALUE - POTASSIUM, (mg)  
. = UNKNOWN

SCORE43 DERIVED FIELD: NUTRIENT VALUE - LACTOSE, (gm)  
. = UNKNOWN

SCORE97 DERIVED FIELD: NUTRIENT VALUE - LUTEIN AND ZEAXANTHIN  
1993,  
. = UNKNOWN

SCORE96 DERIVED FIELD: NUTRIENT VALUE - LYCOPENE 1993, (mcg)  
. = UNKNOWN

SCORE10 DERIVED FIELD: NUTRIENT VALUE - MAGNESIUM, (mg)  
. = UNKNOWN

SCORE29 DERIVED FIELD: NUTRIENT VALUE - METHIONINE, (gm)  
. = UNKNOWN

SCORE50 DERIVED FIELD: NUTRIENT VALUE - MANGANESE, (mg)  
. = UNKNOWN

SCORE24 DERIVED FIELD: NUTRIENT VALUE - MONOUNSATURATED FAT,  
(gm)  
. = UNKNOWN

SCORE17 DERIVED FIELD: NUTRIENT VALUE - NIACIN, (mg)  
. = UNKNOWN

SCORE51 DERIVED FIELD: NUTRIENT VALUE - OMEGA 3  
(W20.5+W22.6), (gm)  
. = UNKNOWN

SCORE37 DERIVED FIELD: NUTRIENT VALUE -PANTOTHENIC ACID, (mg)  
. = UNKNOWN

SCORE11 DERIVED FIELD: NUTRIENT VALUE - PHOSPHORUS, (mg)  
. = UNKNOWN

SCORE26 DERIVED FIELD: NUTRIENT VALUE - POLYUNSATURATED FAT,  
(gm)  
. = UNKNOWN

SCORE2 DERIVED FIELD: NUTRIENT VALUE - PROTEIN, (gm)  
. = UNKNOWN

SCORE20 DERIVED FIELD: NUTRIENT VALUE - RETINOL, (IU)  
. = UNKNOWN

SCORE83 DERIVED FIELD: NUTRIENT VALUE - RETINOL WITHOUT  
VITAMIN PILLS, (IU)  
. = UNKNOWN

SCORE35 DERIVED FIELD: NUTRIENT VALUE - SACCHARIN, (mg)  
. = UNKNOWN

SCORE23 DERIVED FIELD: NUTRIENT VALUE - SATURATED FAT, (gm)  
. = UNKNOWN

SCORE53 DERIVED FIELD: NUTRIENT VALUE - SELENIUM, (mcg)  
. = UNKNOWN

SCORE88 DERIVED FIELD: NUTRIENT VALUE - SELENIUM WITHOUT  
VITAMIN PILLS, (mcg)  
. = UNKNOWN

SCORE39 DERIVED FIELD: NUTRIENT VALUE - SODIUM, (mg)  
. = UNKNOWN

SCORE38 DERIVED FIELD: NUTRIENT VALUE - SUCROSE, (gm)  
. = UNKNOWN

SCORE31 DERIVED FIELD: NUTRIENT VALUE - TRANS FATTY ACIDS  
(gm)  
. = UNKNOWN

SCORE44 DERIVED FIELD: NUTRIENT VALUE - TRYPTOPHAN, (gm)  
. = UNKNOWN

SCORE4 DERIVED FIELD: NUTRIENT VALUE - VEGETABLE FAT, (gm)  
. = UNKNOWN

SCORE22 DERIVED FIELD: NUTRIENT VALUE - VITAMIN A, (IU)  
. = UNKNOWN

SCORE84 DERIVED FIELD: NUTRIENT VALUE - VITAMIN A WITHOUT  
VITAMIN PILLS, (IU)  
. = UNKNOWN

SCORE14 DERIVED FIELD: NUTRIENT VALUE - VITAMIN C, (mg)  
. = UNKNOWN

SCORE78 DERIVED FIELD: NUTRIENT VALUE - VITAMIN C WITHOUT  
VITAMIN PILLS, (mg)  
. = UNKNOWN

SCORE30 DERIVED FIELD: NUTRIENT VALUE - VITAMIN D, (IU)  
. = UNKNOWN

SCORE85 DERIVED FIELD: NUTRIENT VALUE - VITAMIN D WITHOUT  
VITAMIN PILLS, (IU)  
. = UNKNOWN

SCORE32 DERIVED FIELD: NUTRIENT VALUE - VITAMIN E, (RERUN  
8/2002)(mg TE)  
. = UNKNOWN

SCORE86 DERIVED FIELD: NUTRIENT VALUE - VITAMIN E WITHOUT  
VITAMIN PILLS, (mg TE)  
. = UNKNOWN

SCORE91 DERIVED FIELD: NUTRIENT VALUE - VITAMIN K, (mcg)  
. = UNKNOWN

SCORE92 DERIVED FIELD: NUTRIENT VALUE - VITAMIN K WITHOUT  
VITAMIN PILLS, (mcg)  
. = UNKNOWN

SCORE13 DERIVED FIELD: NUTRIENT VALUE - ZINC, (mg)  
. = UNKNOWN

SCORE77 DERIVED FIELD: NUTRIENT VALUE - ZINC WITHOUT VITAMIN  
PILLS, (mg)  
. = UNKNOWN

SCORE40 DERIVED FIELD: NUTRIENT VALUE - NITRATE, (mg)  
. = UNKNOWN

SCORE45 DERIVED FIELD: NUTRIENT VALUE - C181  
. = UNKNOWN

SCORE46 DERIVED FIELD: NUTRIENT VALUE - T181  
. = UNKNOWN

SCORE47 DERIVED FIELD: NUTRIENT VALUE - C182  
. = UNKNOWN

SCORE48            DERIVED FIELD: NUTRIENT VALUE - T182  
                     . = UNKNOWN

SCORE49            DERIVED FIELD: NUTRIENT VALUE - HEME, (mg)  
                     . = UNKNOWN

SCORE89            DERIVED FIELD: NUTRIENT VALUE - FATEAT ADJUSTED FOR  
CONSUMPTION OF VF (gm)  
                     . = UNKNOWN

SCORE90            DERIVED FIELD: NUTRIENT VALUE - CALFAT ADJUSTED FOR  
CONSUMPTION OF VF, (kcal)  
                     . = UNKNOWN