Coding Manual: DHQ1.2007.NCS Data Files
2007 NCI Diet History Questionnaire – NCS Pearson Version

This is a codebook for the DHQ1.2007 instrument that is in the format developed by NCS Pearson (codebooks are available in other formats on the DHQ Web site at http://riskfactor.cancer.gov/DHQ). The 2007 release of the Diet History Questionnaire (DHQ) released by the National Cancer Institute (NCI). (Mark Reflex form number EW-213950-4.)

There are two minor differences between the 2007 instrument and the original instrument (DHQ1.1998). The range for Today's Date was changed to 2007 - 2011 and an ID field was added. The new ID field gives you the option of having the ID number read and stored by the scanner.

Use this codebook as a guide when configuring your scanner or data entry system to create data files for DHQ1.2007 questionnaires. If you add or delete questions from the DHQ1.2007, then the column locations of your fields will differ from those specified here. In addition, the field length for the scanning information that appears before the first coded questionnaire response may vary according to what scanning equipment and software are used. The scanner used by the NCI to read the DHQ-1 forms creates a 50-character header. Your scanner may create a header of a different length. If so, modify this code book to reflect that difference.

For your convenience, this code book is available on DHQ Web site (http://riskfactor.cancer.gov/DHQ) in generic file formats that may be imported into various word-processing programs.

Format Definitions

Many fields in the DHQ use the same coding scheme or "format". A format defines the number of choices for a question and the meaning of each choice. The formats are set in the Questionnaire Data Dictionary (QDD). You may modify formats using Diet*Calc's dictionary editor.

Frequency formats are used for questions that ask "How often did you eat/drink...."

Size formats are used to code serving size questions, i.e., "When you ate <food>, how much did you usually eat?" Specific gram amounts are assigned to each food in the foods database. Gram amounts for three portion sizes are provided in the database and are noted here as "small", "medium", "large".

"Filled in" or "Left Blank" is used when the respondent is asked to mark an oval if appropriate, that is, leaving it blank is an answer not a skip. For example, some DHQ questions provide a list of choices and instruct the respondent to "mark as many as apply."

Proportion Formats are used to code questions that ask the respondent to specify how often (in fractions) the food was of a specific type. For example, the question "How often were your fruit drinks diet or sugar-free drinks?" has valid responses of "almost never or never", "about ¼ of the time", "about ½ of the time", "about ¾ of the time", and "almost always or always."

Currently, the proportions used for questions that use the Proportion Format are fixed (0, 0.25, 0.50, 0.75, and 1 times the frequency). Future versions of Diet*Calc will allow you to set the proportions.

Duration Format is used in supplement questions to indicate length of time, for example, "For how many years have you taken multi-vitamins?"

Coding Manual: DHQ1.2007.NCS Data Files
2007 NCI Diet History Questionnaire – NCS Pearson Version

Frequency Format #1
(Beverages other than coffee/tea)

0 = 1 time per month or less
1 = 2-3 times per month
2 = 1-2 times per week
3 = 3-4 times per week
4 = 5-6 times per week
5 = 1 time per day
6 = 2-3 times per day
7 = 4-5 times per day
8 = 6 or more times per day
M = Missing
E = Error

Frequency Format #2

0 = 1-6 times per year (or per winter, summer, season)
1 = 7-11 times per year (or per winter, summer, season)
2 = 1 time per month
3 = 2-3 times per month
4 = 1 time per week
5 = 2 times per week
6 = 3-4 times per week
7 = 5-6 times per week
8 = 1 time per day
9 = 2 or more times per day
M = Missing
E = Error

Frequency Format #3
(used for fats added at table)

0 = 1-6 times per year
1 = 7-11 times per year
2 = 1 time per month
3 = 2-3 times per month
4 = 1-2 times per week
5 = 3-4 times per week
6 = 5-6 times per week
7 = 1 time per day
8 = 2 times per day
9 = 3 times per day or more
M = Missing
E = Error

Frequency Format #4:
(Coffee, iced & hot tea, additives)

0 = Less than 1 cup per month
1 = 1-3 cups per month
2 = 1 cup per week
3 = 2-4 cups per week
4 = 5-6 cups per week
5 = 1 cup per day
6 = 2-3 cups per day
7 = 4-5 cups per day
8 = 6 or more cups per day
M = Missing
E = Error

Frequency Format #5:
(Supplements)

0 = Less than 1 day per month
1 = 1-3 days per month
2 = 1-3 days per week
3 = 4-6 days per week
4 = Every day
M = Missing
E = Error

Frequency Format #6:
(Summary Questions: vegetables, fruits)

0 = Less than 1 per week
1 = 1-2 per week
2 = 3-4 per week
3 = 5-6 per week
4 = 1 per day
5 = 2 per day
6 = 3 per day
7 = 4 per day
8 = 5 or more per day
M = Missing
E = Error

Size Format #1: (0 to 2 from top to bottom, M, E)

0 = Small
1 = Medium
2 = Large
M = Missing
E = Error

Size Format #2: (used only in special cases—fats added to foods; see pages 11, 13, 15-18)

0 = Did not usually add or never added
1 = Small (less than 1 teaspoon or tablespoon)
2 = Medium (1 to 3 teaspoons or tablespoons)
3 = Large (more than 3 teaspoons or tablespoons)
M = Missing
E = Error

Marked/Unmarked Format:

0 = Unmarked (left blank)
1 = Marked (filled in)

Proportion Format

0 = Almost never or never
1 = About ¼ of the time
2 = About ½ of the time
3 = About ¾ of the time
4 = Almost always or always
M = Missing
E = Error

Duration Format

0 = Less than 1 year
1 = 1-4 years
2 = 5-9 years
3 = 10 or more years
M = Missing
E = Error

Adding Questions to the DHQ

When adding questions to the DHQ, follow these guidelines to code the responses:

1. **Formatted Questions** instruct the respondent to select one oval from a list of choices. Use one character to code the response. Typically, this would be a digit, 0 to n-1, where n = the number of possible choices. Diet*Calc does permit other characters to be used, for example, if you add questions that have more than 10 choices you should use letters instead of digits. To select other characters, change the **Start Code** in **General Formats** (**Settings** menu of the dictionary editor).

   For formatted questions, data dictionaries and codebooks provided by the NCI use "M" to code a missing response, and "E" for error (multiple marks when only one mark is appropriate). **General Formats** in the dictionary editor in Diet*Calc allows you to select other characters for these.

   If a multi-oval question has a partial response, code the ovals as they were answered. For example, if the first 5 digits in the social security number are properly marked (e.g.,12345) but the last 4 are left blank, you should code the digits in the first 5 places and Ms in the last 4 (the field would be coded as "12345MMMM").

   - **Dates** are an exception to the coding schemes for formatted questions. Year is coded as printed on the questionnaire. For example, the year field in Today's Date has 5 choices. DHQ1.2007 used 4 character codes, "2007", "2008", etc. rather than "0", "1", and "2". The entire field should be filled with the missing or error character if applicable. For example, if M and E are used for missing and error then "MMMM" and "EEEE" should be used as appropriate. Months are coded with a 2 character code: 01, 02, 03,...,12, MM, EE (if M and E are the missing and error codes).

2. Questions using the Marked/Unmarked format use "0" when the oval is blank and "1" when the oval is filled in. The characters used for this format can be set in the **Settings** menu of the Diet*Calc Dictionary Editor. (Missing and error codes are not applicable for these questions.)

Missing and Error Codes

A **missing character** indicates that the respondent skipped the question. An **error character** indicates that the respondent marked two or more responses to a question where only one answer was appropriate. The following guidelines must be used for coding fields as missing or error.

1. Letters or symbols (such as as '*', '#', or '!') must be used as the missing and error characters. If letters are used to code formatted responses then symbols must be used. Missing and error characters may never be numeric.
2. When multiple characters are used to code a single oval, set all characters in the field to the missing character when skipped or to the error character when appropriate.

You may not use the same character to represent both the missing and the error characters. In NCI codebooks and data dictionaries, 'M' and 'E' are the missing and error characters, respectively. You may select other characters in **General Formats** (**Settings** menu of the dictionary editor).

DHQ Question Chart

Questionnaire Location: the page or question number on the questionnaire corresponding to the field.

Column: identifies the location of the field in each record of the questionnaire data file.

Field: describes the piece of information being collected.

Coding Scheme: the valid codes for the field, that is, the characters that the scanner (or data entry program) would write in the questionnaire data file for the field.

Coding Manual: DHQ1.2007.NCS Data Files
2007 NCI Diet History Questionnaire – NCS Pearson Version

Questionnaire Page 1

Questionnaire Location	Column	Field	Coding Scheme	
Scanner Header	1-3	Application Number	Specified by Form ID marks	
Scanner Header	4-9	Serial Number	Unique record identifier per batch	
Scanner Header	10-12	Batch Number	Set by Scanner	
Scanner Header	13-18	Date Scanned	MMDDYY	
Scanner Header	19-21	Document #	For multi-document scans	
Scanner Header	22-24	Edit Flags	When using edit profiles	
Scanner Header	25-40	Scanning Flags	Indicating various scanning settings	
Scanner Header	41-50	Litho code ID		
Page 1	51-60	Barcode ID		
Page 1	61-62	Today's Date: Month	01 = JAN 02 = FEB 03 = MAR 04 = APR 05 = MAY 06 = JUN 07 = JUL	08 = AUG 09 = SEP 10 = OCT 11 = NOV 12 = DEC MM = Missing EE = Error
Page 1	63	Today's Date: Day (1st Digit)	0 - 3 M = Missing E = Error	
Page 1	64	Today's Date: Day (2nd Digit)	0 - 9 M = Missing E = Error	
Page 1	65-68	Today's Date: Year	2007 2008 2009 2010 2011 MMMM = Missing EEEE = Error	
Page 1	69-70	Date of Birth: Month	01 = JAN 02 = FEB 03 = MAR 04 = APR 05 = MAY 06 = JUN 07 = JUL	08 = AUG 09 = SEP 10 = OCT 11 = NOV 12 = DEC MM = Missing EE = Error
Page 1	71-72	Date of Birth: Year (century)	19	
Page 1	73	Date of Birth: Year (3rd Digit)	0 - 9 M = Missing E = Error	
Page 1	74	Date of Birth: Year (4th Digit)	0 - 9 M = Missing E = Error	
Page 1	75	Are you male or female?	0 = Male 1 = Female M = Missing E = Error	
Page 1	76-83	ID	0 – 9 for each of the 8 positions M for any missing digit E for any missing digit	

Questionnaire Page 2

Questionnaire Location	Column	Field	Coding Scheme
Question 1	84	Never: Tomato juice or veg juice	Marked / Unmarked Format
Question 1	85	Frequency: Tomato juice or veg juice	Frequency Format #1
Question 1a	86	Portion Size: Tomato juice or veg juice	Size Format #1
Question 2	87	Never: Orange juice or gf juice	Marked / Unmarked Format
Question 2	88	Frequency: Orange juice or gf juice	Frequency Format #1
Question 2a	89	Portion Size: Orange juice or gf juice	Size Format #1
Question 3	90	Never: Other fruit juice	Marked / Unmarked Format
Question 3	91	Frequency: Other fruit juice	Frequency Format #1
Question 3a	92	Portion Size: Other fruit juice	Size Format #1
Question 4	93	Never: Fruit drinks: Hi-C, lemonade	Marked / Unmarked Format
Question 4	94	Frequency: Fruit Drinks: Hi-C, lemonade	Frequency Format #1
Question 4a	95	Portion Size: Fruit Drinks: Hi-C, lemonade	Size Format #1
Question 4b	96	How often were fruit-drinks **diet**?	Proportion Format
Question 5	97	Never: Milk (as a beverage)	Marked / Unmarked Format
Question 5	98	Frequency: Milk (as a beverage)	Frequency Format #1
Question 5a	99	Portion Size: Milk (as a beverage)	Size Format #1
Question 5b	100	What kind of milk did you usually drink?	0 = Whole milk 1 = 2% fat milk 2 = 1% fat milk 3 = Skim, non-fat, ½% fat milk 4 = Soy Milk 5 = Rice Milk 6 = Other M = Missing E = Error

Questionnaire Page 3

Questionnaire Location	Column	Field	Coding Scheme
Question 6	101	Never: Meal replacement	Marked / Unmarked Format
Question 6	102	Frequency: Meal replacement	Frequency Format #1
Question 6a	103	Portion Size: Meal replacement	Size Format #1
Question 7	104	Did you drink soft drinks (in past 12 mos.)	0 = No 1 = Yes M = Missing E = Error
Question 7a	105	Never: Soft drinks - in summer	Marked / Unmarked Format
Question 7a	106	Frequency: Soft drinks - in summer	Frequency Format #1
Question 7b	107	Never: Soft drinks - rest of year	Marked / Unmarked Format
Question 7b	108	Frequency: Soft drinks - rest of year	Frequency Format #1
Question 7c	109	Portion Size: Soft drinks	Size Format #1
Question 7d	110	How often were soft drinks diet or sugar-free	Proportion Format
Question 7e	111	How often were soft drinks caffeine-free	Proportion Format
Question 8	112	Did you drink beer (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 8a	113	Never: Beer - in summer	Marked / Unmarked Format
Question 8a	114	Frequency: Beer - in summer	Frequency Format #1
Question 8b	115	Never: Beer - rest of year	Marked / Unmarked Format
Question 8b	116	Frequency: Beer - rest of year	Frequency Format #1
Question 8c	117	Portion Size: Beer	Size Format #1

Questionnaire Page 4

Questionnaire Location	Column	Field	Coding Scheme
Question 9	118	Never: Wine, wine coolers	Marked / Unmarked Format
Question 9	119	Frequency: Wine, wine coolers	Frequency Format #1
Question 9a	120	Portion Size: Wine, wine coolers	Size Format #1
Question 10	121	Never: Liquor or mixed drinks	Marked / Unmarked Format
Question 10	122	Frequency: Liquor or mixed drinks	Frequency Format #1
Question 10a	123	Portion Size: Liquor or mixed drinks	Size Format #1
Question 11	124	Did you eat oatmeal (in past 12 mos.)	0 = No 1 = Yes M = Missing E = Error
Question 11a	125	Never: Oatmeal - in the winter	Marked / Unmarked Format
Question 11a	126	Frequency: Oatmeal - in the winter	Frequency Format #2
Question 11b	127	Never: Oatmeal - rest of year	Marked / Unmarked Format
Question 11b	128	Frequency: Oatmeal - rest of year	Frequency Format #2
Question 11c	129	Portion size: Oatmeal	Size Format #1
Question 12	130	Never: Cold cereal	Marked / Unmarked Format
Question 12	131	Frequency: Cold cereal	Frequency Format #2
Question 12a	132	Portion size: Cold cereal	Size Format #1
Question 12b	133	How often was it Total, Product 19, etc.	Proportion Format
Question 12c	134	How often was it All Bran, Fiber One, etc.	Proportion Format

Questionnaire Page 5

Questionnaire Location	Column	Field	Coding Scheme
Question 12d	135	How often was it some other bran or fiber cereal?	Proportion Format
Question 12e	136	How often was it some other type of cold cereal?	Proportion Format
Question 12f	137	Was milk added to your cereal?	0 = No 1 = Yes M = Missing E = Error
Question 12g	138	What kind of milk was usually added to cereal?	0 = Whole milk 1 = 2% fat milk 2 = 1% fat milk 3 = Skim, non-fat, ½% fat milk 4 = Soy Milk 5 = Rice Milk 6 = Other M = Missing E = Error
Question 12h	139	Portion Size: Milk On Cereal	Size Format #1
Question 13	140	Never: Applesauce	Marked / Unmarked Format
Question 13	141	Frequency: Applesauce	Frequency Format #2
Question 13a	142	Portion Size: Applesauce	Size Format #1
Question 14	143	Never: Apples	Marked / Unmarked Format
Question 14	144	Frequency: Apples	Frequency Format #2
Question 14a	145	Portion Size: Apples	Size Format #1
Question 15	146	Never: Pears	Marked / Unmarked Format
Question 15	147	Frequency: Pears	Frequency Format #2
Question 15a	148	Portion Size: Pears	Size Format #1
Question 16	149	Never: Bananas	Marked / Unmarked Format
Question 16	150	Frequency: Bananas	Frequency Format #2

Questionnaire Page 6

Questionnaire Location	Column	Field	Coding Scheme
Question 16a	151	Portion Size: Bananas	Size Format #1
Question 17	152	Never: Dried fruit	Marked / Unmarked Format
Question 17	153	Frequency: Dried fruit	Frequency Format #2
Question 17a	154	Portion Size: Dried fruit	Size Format #1
Question 18	155	Did you eat peaches, nectarines or plums (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 18a	156	Never: Peaches, nectarines, plums in season	Marked / Unmarked Format
Question 18a	157	Frequency: Peaches, nectarines, plums in season	Frequency Format #2
Question 18b	158	Never: Peach, nectarine, plums - rest of year	Marked / Unmarked Format
Question 18b	159	Frequency: Peach, nectarine, plums - rest of year	Frequency Format #2
Question 18c	160	Portion Size: Peaches, nectarines, plums	Size Format #1
Question 19	161	Never: Grapes	Marked / Unmarked Format
Question 19	162	Frequency: Grapes	Frequency Format #2
Question 19a	163	Portion Size: Grapes	Size Format #1
Question 20	164	Did you eat cantaloupe (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 20a	165	Never: Cantaloupe - in season	Marked / Unmarked Format
Question 20a	166	Frequency: Cantaloupe - in season	Frequency Format #2
Question 20b	167	Never: Cantaloupe - rest of year	Marked / Unmarked Format
Question 20b	168	Frequency: Cantaloupe - rest of year	Frequency Format #2

Questionnaire Page 7

Questionnaire Location	Column	Field	Coding Scheme
Question 20c	169	Portion size: Cantaloupe	Size Format #1
Question 21	170	Did you eat melon other than cantaloupe (in past 12 mos.)? (watermelon or honeydew)	0 = No 1 = Yes M = Missing E = Error
Question 21a	171	Never: Melon - in season (other than cantaloupe)	Marked / Unmarked Format
Question 21a	172	Frequency: Melon - in season	Frequency Format #2
Question 21b	173	Never: Melon - rest of year	Marked / Unmarked Format
Question 21b	174	Frequency: Melon - rest of year	Frequency Format #2
Question 21c	175	Portion Size: Melon	Size Format #1
Question 22	176	Did you eat strawberries (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 22a	177	Never: Strawberries - in season	Marked / Unmarked Format
Question 22a	178	Frequency: Strawberries - in season	Frequency Format #2
Question 22b	179	Never: Strawberries - rest of year	Marked / Unmarked Format
Question 22b	180	Frequency: Strawberries - rest of year	Frequency Format #2
Question 22c	181	Portion: Strawberries	Size Format #1
Question 23	182	Did you eat oranges, tangerines, or tangelos (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 23a	183	Never: Oranges - in season	Marked / Unmarked Format
Question 23a	184	Frequency: Oranges - in season	Frequency Format #2

Questionnaire Page 8

Questionnaire Location	Column	Field	Coding Scheme
Question 23b	185	Never: Oranges - rest of year	Marked / Unmarked Format
Question 23b	186	Frequency: Oranges - rest of year	Frequency Format #2
Question 23c	187	Portion Size: Oranges	Size Format #1
Question 24	188	Did you eat grapefruit (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 24a	189	Never: Grapefruit - in season	Marked / Unmarked Format
Question 24a	190	Frequency: Grapefruit - in season	Frequency Format #2
Question 24b	191	Never: Grapefruit - rest of year	Marked / Unmarked Format
Question 24b	192	Frequency: Grapefruit - rest of year	Frequency Format #2
Question 24c	193	Portion Size: Grapefruit	Size Format #1
Question 25	194	Never: Other Fruit	Marked / Unmarked Format
Question 25	195	Frequency: Other Fruit	Frequency Format #2
Question 25a	196	Portion Size: Other Fruit	Size Format #1
Question 26	197	Never: Cooked greens	Marked / Unmarked Format
Question 26	198	Frequency: Cooked greens	Frequency Format #2
Question 26a	199	Portion Size: Cooked greens	Size Format #1
Question 27	200	Never: Raw greens	Marked / Unmarked Format
Question 27	201	Frequency: Raw greens	Frequency Format #2
Question 27a	202	Portion Size: Raw greens	Size Format #1

Questionnaire Page 9

Questionnaire Location	Column	Field	Coding Scheme
Question 28	203	Never: Coleslaw	Marked / Unmarked Format
Question 28	204	Frequency: Coleslaw	Frequency Format #2
Question 28a	205	Portion Size: Coleslaw	Size Format #1
Question 29	206	Never: Sauerkraut or cabbage	Marked / Unmarked Format
Question 29	207	Frequency: Sauerkraut or cabbage	Frequency Format #2
Question 29a	208	Portion Size: Sauerkraut or cabbage	Size Format #1
Question 30	209	Never: Carrots	Marked / Unmarked Format
Question 30	210	Frequency: Carrots	Frequency Format #2
Question 30a	211	Portion Size: Carrots	Size Format #1
Question 31	212	Never: String beans or green beans	Marked / Unmarked Format
Question 31	213	Frequency: String beans or green beans	Frequency Format #2
Question 31a	214	Portion Size: String beans or green beans	Size Format #1
Question 32	215	Never: Peas	Marked / Unmarked Format
Question 32	216	Frequency: Peas	Frequency Format #2
Question 32a	217	Portion Size: Peas	Size Format #1
Question 33	218	Did you eat corn (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 33a	219	Never: Corn - in season	Marked / Unmarked Format
Question 33a	220	Frequency: Corn - in season	Frequency Format #2

Questionnaire Page 10

Questionnaire Location	Column	Field	Coding Scheme
Question 33b	221	Never: Corn - rest of year	Marked / Unmarked Format
Question 33b	222	Frequency: Corn - rest of year	Frequency Format #2
Question 33c	223	Portion Size: Corn	Size Format #1
Question 34	224	Never: Broccoli	Marked / Unmarked Format
Question 34	225	Frequency: Broccoli	Frequency Format #2
Question 34a	226	Portion Size: Broccoli	Size Format #1
Question 35	227	Never: Cauliflower or Brussels sprouts	Marked / Unmarked Format
Question 35	228	Frequency: Cauliflower or Brussels sprouts	Frequency Format #2
Question 35a	229	Portion Size: Cauliflower or Brussels sprouts	Size Format #1
Question 36	230	Never: Mixed vegetables	Marked / Unmarked Format
Question 36	231	Frequency: Mixed vegetables	Frequency Format #2
Question 36a	232	Portion Size: Mixed vegetables	Size Format #1
Question 37	233	Never: Onions	Marked / Unmarked Format
Question 37	234	Frequency: Onions	Frequency Format #2
Question 37a	235	Portion Size: Onions	Size Format #1
Question 38	236	Never: cooked vegetables with fat	Marked / Unmarked Format
Question 38	237	Frequency: cooked vegetables with fat	Frequency Format #2

Questionnaire Page 11

Questionnaire Location	Column	Field	Coding Scheme
Question 38a	238	Cooking Fat: Margarine	Marked / Unmarked Format
Question 38a	239	Cooking Fat: Butter	Marked / Unmarked Format
Question 38a	240	Cooking Fat: Lard	Marked / Unmarked Format
Question 38a	241	Cooking Fat: Olive Oil	Marked / Unmarked Format
Question 38a	242	Cooking Fat: Corn Oil	Marked / Unmarked Format
Question 38a	243	Cooking Fat: Canola Oil	Marked / Unmarked Format
Question 38a	244	Cooking Fat: Pam	Marked / Unmarked Format
Question 38a	245	Cooking Fat: Other oils	Marked / Unmarked Format
Question 38a	246	Cooking Fat: None of the above	Marked / Unmarked Format
Question 39	247	Never: Table fats	Marked / Unmarked Format
Question 39	248	Frequency: Table fats	Frequency Format #4
Question 39a	249	Table Fats: Margarine	Marked / Unmarked Format
Question 39a	250	Table Fats: Butter	Marked / Unmarked Format
Question 39a	251	Table Fats: Lard	Marked / Unmarked Format
Question 39a	252	Table Fats: Salad Dressing	Marked / Unmarked Format
Question 39a	253	Table Fats: Cheese Sauce	Marked / Unmarked Format
Question 39a	254	Table Fats: White Sauce	Marked / Unmarked Format
Question 39a	255	Table Fats: Other	Marked / Unmarked Format
Question 39b	256	Portion Size: Table fats (margarine, butter, lard, fatback, or bacon fat)	Size Format #2
Question 39c	257	Portion Size: Table fats (salad dressing, cheese sauce, white sauce)	Size Format #2
Question 40	258	Never: Sweet Peppers	Marked / Unmarked Format
Question 40	259	Frequency: Sweet Peppers	Frequency Format #2
Question 40a	260	Portion Size: Sweet Peppers	Size Format #1
Question 41	261	Did you eat fresh tomatoes (including in salads) in the past 12 months?	0 = No 1 = Yes M = Missing E = Error
Question 41a	262	Never: Fresh tomatoes - in season	Marked / Unmarked Format
Question 41a	263	Frequency: Fresh tomatoes - in season	Frequency Format #2
Question 41b	264	Never: Fresh tomatoes - rest of year	Marked / Unmarked Format
Question 41b	265	Frequency: Fresh tomatoes - rest of year	Frequency Format #2
Question 41c	266	Portion Size: Fresh tomatoes	Size Format #1

Questionnaire Page 12

Questionnaire Location	Column	Field	Coding Scheme
Question 42	267	Never: Lettuce salads	Marked / Unmarked
Question 42	268	Frequency: Lettuce salads	Frequency Format #2
Question 42a	269	Portion Size: Lettuce salads	Size Format #1
Question 43	270	Never: Salad dressing (including low-fat)	Marked / Unmarked
Question 43	271	Frequency: Salad dressing (including low-fat)	Frequency Format #2
Question 43a	272	Portion Size: Salad dressing	Size Format #1
Question 44	273	Never: Sweet potatoes and yams	Marked / Unmarked
Question 44	274	Frequency: Sweet potatoes and yams	Frequency Format #2
Question 44a	275	Portion Size: Sweet potatoes and yams	Size Format #1
Question 45	276	Never: French fries	Marked / Unmarked
Question 45	277	Frequency: French fries	Frequency Format #2
Question 45a	278	Portion Size: French fries	Size Format #1
Question 46	279	Never: Potato Salad	Marked / Unmarked
Question 46	280	Frequency: Potato Salad	Frequency Format #2
Question 46a	281	Portion Size: Potato Salad	Size Format #1
Question 47	282	Never: Potatoes	Marked / Unmarked
Question 47	283	Frequency: Potatoes	Frequency Format #2
Question 47a	284	Portion Size: Potatoes	Size Format #1

Questionnaire Page 13

Questionnaire Location	Column	Field	Coding Scheme
Question 47b	285	How often use sour cream w/ potatoes?	Proportion Format
Question 47c	286	Portion Size: Sour cream w/ potatoes	Size Format #1
Question 47d	287	How often add margarine to potatoes?	Proportion Format
Question 47e	288	How often add butter to potatoes?	Proportion Format
Question 47f	289	Portion Size: Margarine or butter w/ potatoes	Size Format #2
Question 47g	290	How often use cheese or cheese sauce w/ potatoes?	Proportion Format
Question 47h	291	Portion Size: Cheese or cheese sauce w/ potatoes	Size Format #1
Question 48	292	Never: Salsa	Marked / Unmarked Format
Question 48	293	Frequency: Salsa	Frequency Format #2
Question 48a	294	Portion Size: Salsa	Size Format #1
Question 49	295	Never: Catsup	Marked / Unmarked Format
Question 49	296	Frequency: Catsup	Frequency Format #2
Question 49a	297	Portion Size: Catsup	Size Format #1
Question 50	298	Never: Stuffing, dressing , or dumplings	Marked / Unmarked Format
Question 50	299	Frequency: Stuffing, dressing , or dumplings	Frequency Format #2
Question 50a	300	Portion Size: Stuffing, dressing , or dumplings	Size Format #1

Questionnaire Page 14

Questionnaire Location	Column	Field	Coding Scheme
Question 51	301	Never: Chili	Marked / Unmarked Format
Question 51	302	Frequency: Chili	Frequency Format #2
Question 51a	303	Portion Size: Chili	Size Format #1
Question 52	304	Never: Mexican Foods	Marked / Unmarked Format
Question 52	305	Frequency: Mexican Foods	Frequency Format #2
Question 52a	306	Portion Size: Mexican Foods	Size Format #1
Question 53	307	Never: Dried, cooked beans	Marked / Unmarked Format
Question 53	308	Frequency: Dried, cooked beans	Frequency Format #2
Question 53a	309	Portion Size: Dried, cooked beans	Size Format #1
Question 53b	310	How often were the beans you ate refried beans, beans prepared with any type of fat, or with meat added?	Proportion Format
Question 54	311	Never: Other vegetables	Marked / Unmarked Format
Question 54	312	Frequency: Other vegetables	Frequency Format #2
Question 54a	313	Portion Size: Other vegetables	Size Format #1
Question 55	314	Never: Rice or other cooked grains	Marked / Unmarked Format
Question 55	315	Frequency: Rice or other cooked grains	Frequency Format #2
Question 55a	316	Portion Size: Rice or other cooked grains	Size Format #1
Question 55b	317	How often was butter, margarine or oil added to your rice in cooking or at the table?	Proportion Format

Questionnaire Page 15

Questionnaire Location	Column	Field	Coding Scheme
Question 56	318	Never: Pancakes, waffles, or French toast	Marked / Unmarked
Question 56	319	Frequency: Pancakes, waffles, or French toast	Frequency Format #2
Question 56a	320	Portion Size: Pancakes, waffles, or French toast	Size Format #1
Question 56b	321	How often was margarine (including low-fat) added to your pancakes, waffles, or French toast after cooking or at the table?	Proportion Format
Question 56c	322	How often was butter added to you pancakes, waffles, or French toast?	Proportion Format
Question 56d	323	Portion Size: Butter or margarine added to pancakes, waffles or French toast?	Size Format #2
Question 56e	324	How often was syrup added to your pancakes, waffles or French Toast?	Proportion Format
Question 56f	325	Portion Size: Syrup	Size Format #1
Question 57	326	Never: Lasagna, shells, manicotti, ravioli, etc	Marked / Unmarked Format
Question 57	327	Frequency: Lasagna, shells, manicotti, ravioli	Frequency Format #2
Question 57a	328	Portion Size: Lasagna, shells, manicotti, ravioli	Size Format #1
Question 58	329	Never: Macaroni and Cheese	Marked / Unmarked Format
Question 58	330	Frequency: Macaroni and Cheese	Frequency Format #2
Question 58a	331	Portion Size: Macaroni and Cheese	Size Format #1
Question 59	332	Never: Pasta Salad or Macaroni Salad	Marked / Unmarked Format
Question 59	333	Frequency: Pasta Salad or Macaroni Salad	Frequency Format #2

Questionnaire Page 16

Questionnaire Location	Column	Field	Coding Scheme
Question 59a	334	Portion Size: Pasta Salad or Macaroni Salad	Size Format #1
Question 60	335	Never: Pasta, Spaghetti, or other Noodles	Marked / Unmarked Format
Question 60	336	Frequency: Pasta, Spaghetti, or other Noodles	Frequency Format #2
Question 60a	337	Portion Size: Pasta, Spaghetti, or other Noodles	Size Format #1
Question 60b	338	How often did you eat your pasta, spaghetti, or other noodles with tomato sauce or spaghetti sauce made with meat?	Proportion Format
Question 60c	339	With tomato sauce or spaghetti sauce made without meat?	Proportion Format
Question 60d	340	How often did you eat your pasta, spaghetti, or other noodles with margarine, butter, oil, or cream sauce?	Proportion Format
Question 61	341	Never: Bagels or English Muffins	Marked / Unmarked Format
Question 61	342	Frequency: Bagels or English Muffins	Frequency Format #2
Question 61a	343	Portion Size: Bagels or English Muffins	Size Format #1
Question 61b	344	How often did you use margarine on bagels or English muffins?	Proportion Format
Question 61c	345	How often did you use butter on bagels or English muffins?	Proportion Format
Question 61d	346	Portion Size: Butter or margarine added to bagels or English muffins	Size Format #2
Question 61e	347	How often was cream cheese spread on your bagels or English muffins?	Proportion Format

Questionnaire Page 17

Questionnaire Location	Column	Field	Coding Scheme
Question 61f	348	Portion Size: Cream cheese for bagels/English muffins	Size Format #1
Question 62	349	Never: Sandwich bread	Marked / Unmarked Format
Question 62	350	Frequency: Sandwich bread	Frequency Format #2
Question 62a	351	Portion Size: Sandwich bread	Size Format #1
Question 62b	352	How often was the bread or roll as part of your sandwiches white bread?	Proportion Format
Question 62c	353	How often was Mayonnaise or Mayonnaise-type dressing (including low-fat) added to your sandwich bread or rolls?	Proportion Format
Question 62d	354	Portion Size: Mayonnaise or Mayonnaise type dressing	Size Format #1
Question 62e	355	How often was margarine (including low-fat) added to your sandwich bread or rolls?	Proportion Format
Question 62f	356	How often was butter added to your sandwich bread or rolls?	Proportion Format
Question 62g	357	Portion Size: Butter or margarine added to sandwich bread	Size Format #2
Question 63	358	Never: Bread or rolls NOT used in sandwiches	Marked / Unmarked Portion
Question 63	359	Frequency: Bread or rolls not used in sandwiches	Frequency Format #2
Question 63a	360	Portion Size: Bread or rolls not in sandwiches	Size Format #1

Questionnaire Page 18

Questionnaire Location	Column	Field	Coding Scheme
Question 63b	361	How often were the bread or rolls white bread?	Proportion Format
Question 63c	362	How often was margarine (including low-fat) added to your bread or rolls?	Proportion Format
Question 63d	363	How often was butter added to your bread or rolls?	Proportion Format
Question 63e	364	Portion Size: Margarine or butter on bread	Size Format #2
Question 63f	365	Frequency: Cream cheese on bread or rolls	Proportion Format
Question 63g	366	Portion Size: Cream cheese on bread or rolls	Size Format #1
Question 64	367	Never: Jam, jelly, or honey on breads & crackers	Marked / Unmarked Format
Question 64	368	Frequency: Jam, jelly, or honey	Frequency Format #2
Question 64a	369	Portion Size: Jam , jelly, or honey	Size Format #1
Question 65	370	Never: Peanut Butter	Marked / Unmarked Format
Question 65	371	Frequency: Peanut Butter	Frequency Format #2
Question 65a	372	Portion Size: Peanut Butter	Size Format #1
Question 66	373	Never: Roast beef or steak in sandwiches	Marked / Unmarked Format
Question 66	374	Frequency: Roast beef or steak in sandwiches	Frequency Format #2
Question 66a	375	Portion Size: Roast beef or steak in sandwiches	Size Format #1

Questionnaire Page 19

Questionnaire Location	Column	Field	Coding Scheme
Question 67	376	Never: Turkey or chicken cold cuts	Marked / Unmarked Format
Question 67	377	Frequency: Turkey or chicken cold cuts	Frequency Format #2
Question 67a	378	Portion Size: Turkey or chicken cold cuts	Size Format #1
Question 68	379	Never: luncheon or deli-style ham	Marked / Unmarked Format
Question 68	380	Frequency: luncheon or deli-style ham	Frequency Format #2
Question 68a	381	Portion Size: luncheon or deli-style ham	Size Format #1
Question 68b	382	How often was the luncheon or deli-style ham light, low-fat, or fat-free?	Proportion Format
Question 69	383	Never: Other cold cuts or luncheon meats	Marked / Unmarked Format
Question 69	384	Frequency: Other cold cuts or luncheon meats	Frequency Format #2
Question 69a	385	Portion Size: Other cold cuts or luncheon meats	Size Format #1
Question 69b	386	How often were the cold cuts or luncheon meats light, low-fat, or fat-free?	Proportion Format
Question 70	387	Never: Canned tuna	Marked / Unmarked Format
Question 70	388	Frequency: Canned tuna	Frequency Format #2
Question 70a	389	Portion Size: Canned tuna	Size Format #1
Question 70b	390	How often was it water-packed tuna?	Proportion Format

Questionnaire Page 20

Questionnaire Location	Column	Field	Coding Scheme
Question 70c	391	How often was the canned tuna prepared with mayonnaise or other dressing (including low-fat)?	Proportion Format
Question 71	392	Never: Ground chicken or turkey	Marked / Unmarked Format
Question 71	393	Frequency: Ground chicken or turkey	Frequency Format #2
Question 71a	394	Portion Size: Ground chicken or turkey	Size Format #1
Question 72	395	Never: Beef hamburgers or cheeseburgers	Marked / Unmarked Format
Question 72	396	Frequency: Beef hamburgers or cheeseburgers	Frequency Format #2
Question 72a	397	Portion Size: Beef hamburgers or cheeseburgers	Size Format #1
Question 72b	398	How often were the beef hamburgers or cheeseburgers made with lean ground beef?	Proportion Format
Question 73	399	Never: Ground beef in mixtures	Marked / Unmarked Format
Question 73	400	Frequency: Ground beef in mixtures	Frequency Format #2
Question 73a	401	Portion Size: Ground beef in mixtures	Size Format #1
Question 74	402	Never: Hot dogs or frankfurters	Marked / Unmarked Format
Question 74	403	Frequency: Hot dogs or frankfurters	Frequency Format #2
Question 74a	404	Portion Size: Hot dogs or frankfurters	Size Format #1
Question 74b	405	How often were the hot dogs or frankfurters light?	Proportion Format

Questionnaire Page 21

Questionnaire Location	Column	Field	Coding Scheme
Question 75	406	Never: Beef stew or pot pie with vegetables	Marked / Unmarked Format
Question 75	407	Frequency: Beef stew or pot pie with vegetables	Frequency Format #2
Question 75a	408	Portion Size: Beef stew or pot pie with vegetables	Size Format #1
Question 76	409	Never: Roast beef or pot roast (not sandwiches)	Marked / Unmarked Format
Question 76	410	Frequency: Roast beef, pot roast (not sandwiches)	Frequency Format #2
Question 76a	411	Portion Size: Roast beef (not sandwiches)	Size Format #1
Question 77	412	Never: Steak	Marked /Unmarked Format
Question 77	413	Frequency: Steak	Frequency Format #2
Question 77a	414	Portion Size: Steak	Size Format #1
Question 77b	415	How often was the steak lean?	Proportion Format
Question 78	416	Never: Pork or spareribs	Marked /Unmarked Format
Question 78	417	Frequency: Pork or spareribs	Frequency Format #2
Question 78a	418	Portion Size: Pork or spareribs	Size Format #1
Question 79	419	Never: Roast turkey (including sandwiches)	Marked / Unmarked Format
Question 79	420	Frequency: Roast turkey (including sandwiches)	Frequency Format #2
Question 79a	421	Portion Size: Roast turkey	Size Format #1
Question 80	422	Never: Chicken in salads, sandwiches, etc.	Marked / Unmarked Format
Question 80	423	Frequency: Chicken in salads, sandwiches, etc.	Frequency Format #2

Questionnaire Page 22

Questionnaire Location	Column	Field	Coding Scheme
Question 80a	424	Portion Size: Chicken in salads, sandwiches, etc.	Size Format #1
Question 81	425	Never: Baked, broiled or fried chicken	Marked / Unmarked Format
Question 81	426	Frequency: Baked, broiled or fried chicken	Frequency Format #2
Question 81a	427	Portion Size: Baked, broiled or fried chicken	Size Format #1
Question 81b	428	How often was the chicken you ate fried (including deep fried) or chicken nuggets?	Proportion Format
Question 81c	429	How often was the chicken white meat?	Proportion Format
Question 81d	430	How often did you eat chicken with skin?	Proportion Format
Question 82	431	Never: Baked ham or ham steak	Marked / Unmarked Format
Question 82	432	Frequency: Baked ham or ham steak	Frequency Format #2
Question 82a	433	Portion Size: Baked ham or ham steak	Size Format #1
Question 83	434	Never: Pork (chops, roasts, mixed dishes)	Marked / Unmarked Format
Question 83	435	Frequency: Pork	Frequency Format #2
Question 83a	436	Portion Size: Pork	Size Format #1
Question 84	437	Never: Gravy on meat, chicken, potatoes, rice, etc	Marked / Unmarked Format
Question 84	438	Frequency: Gravy on meat, chicken, potatoes, etc.	Frequency Format #2
Question 84a	439	Portion Size: Gravy	Size Format #1

Questionnaire Page 23

Questionnaire Location	Column	Field	Coding Scheme
Question 85	440	Never: Liver (all kinds) or liverwurst	Marked / Unmarked Format
Question 85	441	Frequency: Liver (all kinds) or liverwurst	Frequency Format #2
Question 85a	442	Portion Size: Liver or liverwurst	Size Format #1
Question 86	443	Never: Bacon	Marked / Unmarked Format
Question 86	444	Frequency: Bacon	Frequency Format #2
Question 86a	445	Portion Size: Bacon	Size Format #1
Question 86b	446	How often was bacon light, low-fat, or lean	Never / Always Format
Question 87	447	Never: Sausage (including low-fat)	Marked / Unmarked Format
Question 87	448	Frequency: Sausage	Frequency Format #2
Question 87a	449	Portion Size: Sausage	Size Format #1
Question 87b	450	How often was the sausage light, low-fat, or lean	Proportion Format
Question 88	451	Never: Fish sticks or fried fish, fried seafood	Marked / Unmarked Format
Question 88	452	Frequency: Fish sticks or fried fish	Frequency Format #2
Question 88a	453	Portion Size: Fish sticks or fried fish	Size Format #1
Question 89	454	Never: Fish or seafood that was not fried	Marked / Unmarked Format
Question 89	455	Frequency: Fish or Seafood - not fried	Frequency Format #2
Question 89a	456	Portion Size: Fish or Seafood - not fried	Size Format #1

Questionnaire Page 24

Questionnaire Location	Column	Field	Coding Scheme
Question 90	457	Never: Oil, butter, margarine, or other fat used to fry, sauté, baste, marinate any meat, poultry, fish	Marked / Unmarked Format
Question 90	458	Frequency: Oil, butter, margarine, or other fat used to fry, sauté, baste, or marinate	Frequency Format #2
Question 90a	459	Fat to cook meat: Margarine (including low-fat)	Marked / Unmarked Format
Question 90a	460	Fat to cook meat: Butter	Marked / Unmarked Format
Question 90a	461	Fat to cook meat: Lard, fatback, or bacon fat	Marked / Unmarked Format
Question 90a	462	Fat to cook meat: Olive Oil	Marked / Unmarked Format
Question 90a	463	Fat to cook meat: Corn Oil	Marked / Unmarked Format
Question 90a	464	Fat to cook meat: Canola Oil	Marked / Unmarked Format
Question 90a	465	Fat to cook meat: Oil spray (Pam)	Marked / Unmarked Format
Question 90a	466	Fat to cook meat: Other kinds of oil	Marked / Unmarked Format
Question 90a	467	Fat to cook meat: None of the above	Marked / Unmarked Format
Question 91	468	Never: Tofu, soy burgers, soy meat-substitutes	Marked / Unmarked Format
Question 91	469	Frequency: Tofu, soy burgers, etc	Frequency Format #2
Question 91a	470	Portion Size: Tofu, soy burgers, etc	Size Format #1
Question 92	471	Did you eat soups (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 92a	472	Never: Soups - in winter	Marked / Unmarked Format
Question 92a	473	Frequency: Soups - in winter	Frequency Format #2
Question 92b	474	Never: Soups - rest of year	Marked / Unmarked Format
Question 92b	475	Frequency: Soups - rest of year	Frequency Format #2
Question 92c	476	Portion Size: Soup	Size Format #1
Question 92d	477	How often were the soups you ate bean soups?	Proportion Format
Question 92e	478	How often were they cream soups?	Proportion Format

Questionnaire Page 25

Questionnaire Location	Column	Field	Coding Scheme
Question 92f	479	How often were they tomato or vegetable soups?	Proportion Format
Question 92g	480	How often were they broth soups ?	Proportion Format
Question 93	481	Never: Pizza	Marked / Unmarked Format
Question 93	482	Frequency: Pizza	Frequency Format #2
Question 93a	483	Portion Size: Pizza	Size Format #1
Question 93b	484	How often did you eat pizza with meat toppings?	Proportion Format
Question 94	485	Never: Crackers	Marked / Unmarked Format
Question 94	486	Frequency: Crackers	Frequency Format #2
Question 94a	487	Portion Size: Crackers	Size Format #1
Question 95	488	Never: Corn bread or muffins	Marked / Unmarked Format
Question 95	489	Frequency: Corn bread or muffins	Frequency Format #2
Question 95a	490	Portion Size: Corn bread or muffins	Size Format #1
Question 96	491	Never: Biscuits	Marked / Unmarked Format
Question 96	492	Frequency: Biscuits	Frequency Format #2
Question 96a	493	Portion Size: Biscuits	Size Format #1
Question 97	494	Never: Potato chips, tortilla chips, corn chips	Marked / Unmarked Format
Question 97	495	Frequency: Potato chips, tortilla chips, corn chips	Frequency Format #2

Questionnaire Page 26

Questionnaire Location	Column	Field	Coding Scheme
Question 97a	496	Portion size: Potato chips, tortilla chips, corn chips	Size Format #1
Question 97b	497	How often were the chips you ate Wow chips or other chips made with a fat substitute (Olean or Olestra)?	Proportion Format
Question 97c	498	How often were the chips other low-fat or fat-free chips?	Proportion Format
Question 98	499	Never: Popcorn	Marked / Unmarked Format
Question 98	500	Frequency: Popcorn	Frequency Format #2
Question 98a	501	Portion Size: Popcorn	Size Format #1
Question 99	502	Never: Pretzels	Marked / Unmarked Format
Question 99	503	Frequency: Pretzels	Frequency Format #2
Question 99a	504	Portion Size: Pretzels	Size Format #1
Question 100	505	Never: Peanuts, walnuts, seeds or other nuts	Marked / Unmarked Format
Question 100	506	Frequency: Peanuts, walnuts, seeds or other nuts	Frequency Format #2
Question 100a	507	Portion Size: Peanuts, walnuts, seeds, other nuts	Size Format #1
Question 101	508	Never: Breakfast bars, high-energy bars	Marked / Unmarked Format
Question 101	509	Frequency: Breakfast bars, high-energy bars	Frequency Format #2
Question 101a	510	Portion Size: Breakfast bars, high-energy bars	Size Format #1
Question 102	511	Never: Yogurt (not including frozen yogurt)	Marked / Unmarked Format
Question 102	512	Frequency: Yogurt	Frequency Format #2

Questionnaire Page 27

Questionnaire Location	Column	Field	Coding Scheme
Question 102a	513	Portion Size: Yogurt	Size Format #1
Question 103	514	Never: Cottage cheese (including low-fat)	Marked / Unmarked Format
Question 103	515	Frequency: Cottage cheese	Frequency Format #2
Question 103a	516	Portion Size: Cottage cheese	Size Format #1
Question 104	517	Never: Cheese or cheese spreads	Marked / Unmarked
Question 104	518	Frequency: Cheese or cheese spreads	Frequency Format #2
Question 104a	519	Portion Size: Cheese or cheese spreads	Size Format #1
Question 104b	520	How often was the cheese you ate light or low-fat cheese?	Proportion Format
Question 104c	521	How often was the cheese you ate fat-free cheese?	Proportion Format
Question 105	522	Never: Frozen yogurt, sorbet, ices	Marked / Unmarked Format
Question 105	523	Frequency: Frozen yogurt, sorbet, ices	Frequency Format #2
Question 105a	524	Portion Size: Frozen yogurt, sorbet, ices	Size Format #1
Question 106	525	Never: Ice Cream, ice cream bars, or sherbet	Marked / Unmarked
Question 106	526	Frequency: Ice cream, ice cream bars, or sherbet	Frequency Format #2
Question 106a	527	Portion Size: Ice cream, ice cream bars, sherbet	Size Format #1
Question 106b	528	How often was the ice cream light, low-fat or fat-free ice cream or sherbet?	Proportion Format

Questionnaire Page 28

Questionnaire Location	Column	Field	Coding Scheme
Question 107	529	Never: Cake (including low-fat and fat-free)	Marked / Unmarked Format
Question 107	530	Frequency: Cake	Frequency Format #2
Question 107a	531	Portion Size: Cake	Size Format #1
Question 107b	532	How often was the cake light, low-fat or fat-free?	Proportion Format
Question 108	533	Never: Cookies or Brownies	Marked / Unmarked Format
Question 108	534	Frequency: Cookies or brownies	Frequency Format #2
Question 108a	535	Portion Size: Cookies or brownies	Size Format #1
Question 108b	536	How often were the cookies low-fat or fat-free?	Proportion Format
Question 109	537	Never: Doughnuts, sweet rolls, Danish	Marked / Unmarked Format
Question 109	538	Frequency: Doughnuts, sweet rolls, Danish	Frequency Format #2
Question 109a	539	Portion Size: Doughnuts, sweet rolls, Danish	Size Format #1
Question 110	540	Never: Sweet muffins or dessert breads	Marked / Unmarked Format
Question 110	541	Frequency: Sweet muffins or dessert breads	Frequency Format #2
Question 110a	542	Portion Size: Sweet muffins or dessert breads	Size Format #1
Question 110b	543	How often were the sweet muffins or dessert breads light, low-fat, or fat-free?	Proportion Format
Question 111	544	Never: Fruit crisp, cobbler, strudel	Marked / Unmarked Format
Question 111	545	Frequency: Fruit crisp, cobbler, strudel	Frequency Format #2

Questionnaire Page 29

Questionnaire Location	Column	Field	Coding Scheme
Question 111a	546	Portion Size: Fruit crisp, cobbler, strudel	Size Format #1
Question 112	547	Never: Pie	Marked / Unmarked Format
Question 112	548	Frequency: Pie	Frequency Format #2
Question 112a	549	Portion Size: Pie	Size Format #1
Question 112b	550	How often were the pies you ate fruit pies?	Proportion Format
Question 112c	551	How often were they cream…meringue pies?	Proportion Format
Question 112d	552	How often were they pumpkin or sweet potato pies	Proportion Format
Question 112e	553	How often were the pies you ate pecan pie?	Proportion Format
Question 113	554	Never: Chocolate Candy	Marked / Unmarked Format
Question 113	555	Frequency: Chocolate Candy	Frequency Format #2
Question 113a	556	Portion Size: Chocolate Candy	Size Format #1
Question 114	557	Never: Other Candy	Marked / Unmarked Format
Question 114	558	Frequency: Other Candy	Frequency Format #2
Question 114a	559	Portion Size: Other Candy	Size Format #1
Question 115	560	Never: Eggs, egg whites, or egg substitutes.	Marked / Unmarked Format
Question 115	561	Frequency: Eggs, egg whites, or egg substitutes	Frequency Format #2

Questionnaire Page 30

Questionnaire Location	Column	Field	Coding Scheme
Question 115a	562	Portion Size: Eggs	Size Format #1
Question 115b	563	How often were the eggs you ate egg substitutes?	Proportion Format
Question 115c	564	How often were the eggs whites only?	Proportion Format
Question 115d	565	How often were the eggs whole eggs?	Proportion Format
Question 115e	566	How often were the eggs cooked in oil, butter, or margarine?	Proportion Format
Question 115f	567	How often were the eggs part of egg salad?	Proportion Format
Question 116	568	None: Coffee (caffeinated or decaffeinated)	Marked / Unmarked
Question 116	569	Frequency: Coffee	Frequency Format #3
Question 116a	570	How often was the coffee decaffeinated?	Proportion Format
Question 117	571	None: Iced Tea - caffeinated or decaffeinated	Marked / Unmarked Format
Question 117	572	Frequency: Iced Tea	Frequency Format #3
Question 117a	573	How often was the iced tea decaffeinated / herbal?	Proportion Format
Question 118	574	None: Cups of Hot Tea	Marked / Unmarked
Question 118	575	Frequency: Cups of Hot Tea	Frequency Format #3
Question 118a	576	How often was the hot tea decaffeinated or herbal tea?	Proportion Format

Questionnaire Page 31

Questionnaire Location	Column	Field	Coding Scheme
Question 119	577	Never: Sugar or honey in coffee or tea	Marked / Unmarked Format
Question 119	578	Frequency: Sugar or honey in coffee or tea	Frequency Format #3
Question 119a	579	Portion Size: Sugar or honey in coffee or tea	Size Format #1
Question 120	580	Never: Artificial sweetener in coffee/ tea	Marked / Unmarked Format
Question 120	581	Frequency: Artificial sweetener in coffee/ tea	Frequency Format #3
Question 120a	582	What kind of artificial sweetener in coffee or tea?	0 = Equal or aspartame 1 = Sweet-N-Low or saccharin M = Missing E = Error
Question 121	583	Never: Non-dairy creamer in coffee or tea	Marked / Unmarked Format
Question 121	584	Frequency: Non-dairy creamer in coffee or tea	Frequency Format #3
Question 121a	585	Portion Size: Non-dairy creamer in coffee/ tea	Size Format #1
Question 121b	586	What kind of non-dairy creamer did you usually use?	0 = Regular powdered 1 = Low-fat or fat-free powdered 2 = Regular liquid 3 = Low-fat or fat-free liquid M = Missing E = Error
Question 122	587	Never: Cream or half and half in coffee or tea	Marked / Unmarked Format
Question 122	588	Frequency: Cream or half and half in coffee or tea	Frequency Format #3
Question 122a	589	Portion Size: Cream or half and half in coffee or tea	Size Format #1
Question 123	590	Never: Milk in coffee or tea	Marked / Unmarked Format
Question 123	591	Frequency: Milk in coffee or tea	Frequency Format #3
Question 123a	592	Portion Size: Milk in coffee or tea	Size Format #1
Question 123b	593	What kind of milk was usually added to your coffee or tea?	0 = Whole milk 1 = 2% fat milk 2 = 1% fat milk 3 = Skim, non-fat, ½% fat milk 4 = Evaporated or condensed 5 = Soy Milk 6 = Rice Milk 7 = Other M = Missing E = Error

Questionnaire Page 32

Questionnaire Location	Column	Field	Coding Scheme
Question 124	594	Never: Sugar or honey added to foods	Marked / Unmarked Format
Question 124	595	Frequency: Sugar or honey added to foods	Frequency Format #2
Question 124a	596	Portion Size: Sugar or honey added to foods	Size Format #1
Question 125	597	Did you eat margarine (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 125a	598	How often was the margarine regular-fat?	Proportion Format
Question 125b	599	Light or low-fat margarine?	Proportion Format
Question 125c	600	Fat-free margarine?	Proportion Format
Question 126	601	Did you eat butter (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 126a	602	How often was the butter you ate light or low-fat butter?	Proportion Format
Question 127	603	Did you eat mayonnaise or mayonnaise-type dressing (in past 12 mos.)?	0 = No 1 = Yes M =Missing E = Error
Question 127a	604	How often was the mayonnaise regular-fat?	Proportion Format
Question 127b	605	How often was the mayonnaise light or low-fat?	Proportion Format

Questionnaire Page 33

Questionnaire Location	Column	Field	Coding Scheme
Question 127c	606	How often was the mayonnaise fat-free?	Proportion Format
Question 128	607	Did you eat sour cream (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 128a	608	How often was the sour cream regular-fat?	Proportion Format
Question 128b	609	How often was the sour cream light, low-fat or fat-free sour cream?	Proportion Format
Question 129	610	Did you eat cream cheese (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 129a	611	How often was the cream cheese regular-fat?	Proportion Format
Question 129b	612	How often was the cream cheese light, low-fat or fat-free cream cheese?	Proportion Format
Question 130	613	Did you eat salad dressing (in past 12 mos.)?	0 = No 1 = Yes M = Missing; E = Error
Question 130a	614	How often was the dressing you ate regular-fat?	Proportion Format
Question 130b	615	How often light or low-fat salad dressing?	Proportion Format
Question 130c	616	How often fat-free salad dressing?	Proportion Format
Question 131	617	Frequency: Vegetables per week or per day (not including salads or potatoes)	Frequency Format #6

Questionnaire Page 34

Questionnaire Location	Column	Field	Coding Scheme
Question 132	618	Frequency: Fruit per week or per day	Frequency Format #6
Question 133	619	Avocado	Marked / Unmarked Format
Question 133	620	Cheesecake	Marked / Unmarked Format
Question 133	621	Chocolate, fudge or butterscotch toppings	Marked / Unmarked Format
Question 133	622	Chow mein noodles	Marked / Unmarked Format
Question 133	623	Croissants	Marked / Unmarked Format
Question 133	624	Dried apricots	Marked / Unmarked Format
Question 133	625	Egg rolls	Marked / Unmarked Format
Question 133	626	Granola bars	Marked / Unmarked Format
Question 133	627	Hot peppers	Marked / Unmarked Format
Question 133	628	Jello, gelatin	Marked / Unmarked Format
Question 133	629	Milkshakes or ice-cream sodas	Marked / Unmarked Format
Question 133	630	Olives	Marked / Unmarked Format
Question 133	631	Oysters	Marked / Unmarked Format
Question 133	632	Pickles or pickled vegetables or fruit	Marked / Unmarked Format
Question 133	633	Plantains	Marked / Unmarked Format
Question 133	634	Pork neck bones, hock, head, feet	Marked / Unmarked Format
Question 133	635	Pudding or custard	Marked / Unmarked Format
Question 133	636	Veal, venison, or lamb	Marked / Unmarked Format
Question 133	637	Whipped cream, regular	Marked / Unmarked Format
Question 133	638	Whipped cream, substitute	Marked / Unmarked Format
Question 133	639	None	Marked / Unmarked Format
Question 134	640	For all of the past 12 months, have you followed a Vegetarian diet?	0 = No 1 = Yes M = Missing E = Error
Question 134a	641	Did you exclude meat?	Marked / Unmarked Format
Question 134a	642	Did you exclude poultry?	Marked / Unmarked Format
Question 134a	643	Did you exclude fish and seafood?	Marked / Unmarked Format
Question 134a	644	Did you exclude eggs?	Marked / Unmarked Format
Question 134a	645	Did you exclude dairy products?	Marked / Unmarked Format
Question 135	646	No: did not take any fiber supplements	Marked / Unmarked Format
Question 135	647	Yes: Psyllium Products	Marked / Unmarked Format
Question 135	648	Yes: Methylcellulose/Cellulose Products	Marked / Unmarked Format
Question 135	649	Yes: Fibercon	Marked / Unmarked Format
Question 135	650	Yes: Bran	Marked / Unmarked Format
Question 136	651	Did you take multivitamins such as One-a-Day-, Theragran- or Centrum-type multivitamins (in past 12 mos.)?	0 = No 1 = Yes M = Missing E = Error
Question 137	652	How often did you take One-a-Day-, Theragran-, or Centrum-type multivitamins?	Frequency Format #5
Question 137a	653	Does your multivitamin usually contain minerals such as iron, zinc, etc.?	0 = No 1 = Yes 2 = Don't know M = Missing, E = Error
Question 137b	654	How many years have taken multivitamins?	Duration Format

Questionnaire Page 35

Questionnaire Location	Column	Field	Coding Scheme
Question 137c	655	Did you take any vitamins or multivitamins other than your multivitamin (in past 12 mos.)?	0 = No 1 = Yes M = Missing E =Error
Question 138	656	Never: Beta-Carotene	Marked / Unmarked Format
Question 138	657	Frequency: Beta-Carotene	Frequency Format #5
Question 138a	658	Amount: Beta-Carotene	0 = Less than 10,000 IU 1 = 10,000 - 14,999 IU 2 = 15,000 - 19,999 IU 3 = 20,000 - 24,999 IU 4 = 25,000 IU or more 5 = Don't know M = Missing E = Error
Question 138b	659	How many years have you taken Beta-carotene?	Duration Format
Question 139	660	Never: Vitamin A	Marked / Unmarked Format
Question 139	661	Frequency: Vitamin A	Frequency Format #5
Question 139a	662	Amount: Vitamin A	0 = Less than 8,000 IU 1 = 8,000 - 9,999 IU 2 = 10,000 - 14,999 IU 3 = 15,000 - 24,999 IU 4 = 25,000 IU or more 5 = Don't know M = Missing E = Error
Question 139b	663	How many years have you taken Vitamin A?	Duration Format
Question 140	664	Never: Vitamin C	Marked / Unmarked Format
Question 140	665	Frequency: Vitamin C	Frequency Format #5
Question 140a	666	Amount: Vitamin C	0 = Less than 500 mg 1 = 500 - 999 mg 2 = 1000 - 1,499 mg 3 = 1,500 - 1,999 mg 4 = 2,000mg or more 5 = Don't know M = Missing E = Error
Question 140b	667	How many years have you taken Vitamin C?	Duration Format

Questionnaire Page 36

Questionnaire Location	Column	Field	Coding Scheme
Question 141	668	Never: Vitamin E	Marked / Unmarked Format
Question 141	669	Frequency: Vitamin E	Frequency Format #5
Question 141a	670	Amount: Vitamin E	0 = Less than 400 IU 1 = 400 - 799 IU 2 = 800 - 999 IU 3 = 1,000 IU or more 4 = Don't know M = Missing, E = Error
Question 141b	671	How many years have you taken Vitamin E?	Duration Format
Question 142	672	Never: Calcium	Marked / Unmarked Format
Question 142	673	Frequency: Calcium	Frequency Format #5
Question 142a	674	Amount: Calcium	0 = Less than 500 mg 1 = 500 - 599 mg 2 = 600 - 999 mg 3 = 1,000 mg or more 4 = Don't know M = Missing, E = Error
Question 142b	675	How many years have you take Calcium?	Duration Format
Question 143	676	B-6	Marked / Unmarked Format
Question 143	677	B-complex	Marked / Unmarked Format
Question 143	678	Brewer's yeast	Marked / Unmarked Format
Question 143	679	Cod liver oil	Marked / Unmarked Format
Question 143	680	Coenzyme Q	Marked / Unmarked Format
Question 143	681	Fish oil (Omega-3 fatty acids)	Marked / Unmarked Format
Question 143	682	Folic acid / folate	Marked / Unmarked Format
Question 143	683	Glucosamine	Marked / Unmarked Format
Question 143	684	Hydroxytryptophan (HTP)	Marked / Unmarked Format
Question 143	685	Iron	Marked / Unmarked Format
Question 143	686	Niacin	Marked / Unmarked Format
Question 143	687	Selenium	Marked / Unmarked Format
Question 143	688	Zinc	Marked / Unmarked Format
Question 144	689	Aloe vera	Marked / Unmarked Format
Question 144	690	Astragalus	Marked / Unmarked Format
Question 144	691	Bilberry	Marked / Unmarked Format
Question 144	692	Cascara sagrada	Marked / Unmarked Format
Question 144	693	Cat's claw	Marked / Unmarked Format
Question 144	694	Cayenne	Marked / Unmarked Format
Question 144	695	Cranberry	Marked / Unmarked Format
Question 144	696	Dong Kuai (Tangkwei)	Marked / Unmarked Format
Question 144	697	Echinacea	Marked / Unmarked Format
Question 144	698	Evening primrose oil	Marked / Unmarked Format
Question 144	699	Feverfew	Marked / Unmarked Format
Question 144	700	Garlic	Marked / Unmarked Format
Question 144	701	Ginger	Marked / Unmarked Format
Question 144	702	Ginkgo biloba	Marked / Unmarked Format
Question 144	703	Ginseng (American or Asian)	Marked / Unmarked Format
Question 144	704	Goldenseal	Marked / Unmarked Format
Question 144	705	Grapeseed extract	Marked / Unmarked Format
Question 144	706	Kava, kava	Marked / Unmarked Format
Question 144	707	Milk thistle	Marked / Unmarked Format
Question 144	708	Saw palmetto	Marked / Unmarked Format
Question 144	709	Siberian ginseng	Marked / Unmarked Format
Question 144	710	St. John's wort	Marked / Unmarked Format
Question 144	711	Valerian	Marked / Unmarked Format
Question 144	712	Other	Marked / Unmarked Format