Coding Manual for the 2010 NCI Diet History Questionnaire II
One-Month without Serving Sizes Version
DHQ2.2010.OSC, DHQ2.2010.Teleform, DHQ2.2010.Keypunch

The 2010 version of the Diet History Questionnaire II (DHQ-II) is distributed on the DHQ-II Web site (www.riskfactor.cancer.gov/dhq2) in multiple formats:

1) a format compatible with Optical Scanning Solutions (OCS) technology (DHQ2.2010.OCS),
2) a format that can be printed and scanned using Cardiff's Teleform software (DHQ2.2010.Teleform),
3) a Word document that can be used by data entry technicians (DHQ2.2010.Keypunch)

This codebook is appropriate for the OCS, Teleform, and data entry (keypunch) versions of the DHQ-II. The DHQ-II is based on the original DHQ-1, but has some additional food questions, and a few modifications to existing food questions.

Use this codebook as a guide when configuring your scanner or data entry system to create data files for DHQ2.2010 questionnaires that use a one-character frequency format. If you add or delete questions from the DHQ2.2010, 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 the type of scanning equipment and software used. The scanner used by the NCI to read the DHQ-II forms creates a 50-character header. Your scanner may create a header of a different length. If so, modify this codebook to reflect that difference.

Coding Manual for the 2010 NCI Diet History Questionnaire II
One-Month without Serving Sizes Version
DHQ2.2010.OSC, DHQ2.2010.Teleform, DHQ2.2010.Keypunch

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 the existing formats using the dictionary editor in Diet*Calc.

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" or Marked/Unmarked format 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 for the 2010 NCI Diet History Questionnaire II
One-Month without Serving Sizes Version
DHQ2.2010.OSC, DHQ2.2010.Teleform, DHQ2.2010.Keypunch

Frequency Format #1 (Beverages other than coffee/tea)	Frequency Format #2 (Used for most foods)	Frequency Format #3 (used for fats added at table)
a = Never	a = Never	a = Never
b = 1 time in past month	b = 1 time in past month	b = 1 time in past month
c = 2-3 times in past month	c = 2-3 times in past month	c = 2-3 times in past month
d = 1-2 times per week	d = 1 time per week	d = 1-2 times per week
e = 3-4 times per week	e = 2 times per week	e = 3-4 times per week
f = 5-6 times per week	f = 3-4 times per week	f = 5-6 times per week
g = 1 time per day	g = 5-6 times per week	g = 1 time per day
h= 2-3 times per day	h = 1 time per day	h = 2 times per day
i = 4-5 times per day	i = 2 or more times per day	i = 3 times per day or more
j = 6 or more times per day	. = Missing	. = Missing
. = Missing	* = Error	* = Error
* = Error		

Frequency Format #4: (Coffee, iced & hot tea, additives)	Frequency Format #5: (Supplements)	Frequency Format #6: (Summary Questions: vegetables, fruits)
a = Never	a = Never	a = Less than 1 per week
b = Less than 1 cup in past month	b = 1-3 days per month	b = 1-2 per week
c = 1-3 cups in past month	c = 1-3 days per week	c = 3-4 per week
d = 1 cup per week	d = 4-6 days per week	d = 5-6 per week
e = 2-4 cups per week	e = Every day	e = 1 per day
f = 5-6 cups per week	. = Missing	f = 2 per day
g = 1 cup per day	* = Error	g = 3 per day
h = 2-3 cups per day		h = 4 per day
i = 4-5 cups per day		i = 5 or more per day
j = 6 or more cups per day		. = Missing
. = Missing		* = Error
* = Error		

Frequency Format #7: (Supplements w/o "Never")
a = 1-3 days per month
b = 1-3 days per week
c = 4-6 days per week
d = Every day
. = Missing
* = Error

Size Format #1: (a to c from top to bottom, M, E)
a = Small
b = Medium
c = Large
. = Missing
* = Error

Size Format #2: (used only in special cases—fats added to foods; see pages 14, 16, 18-21)
a = Did not usually add or never added
b = Small (less than 1 teaspoon or tablespoon)
c = Medium (1 to 3 teaspoons or tablespoons)
d = Large (more than 3 teaspoons or tablespoons)
. = Missing
* = Error

Marked/Unmarked Format:
0 = Unmarked (left blank)
1 = Marked (filled in)

Proportion Format
a = Almost never or never
b = About ¼ of the time
c = About ½ of the time
d = About ¾ of the time
e = Almost always or always
. = Missing
* = Error

Coding Manual for the 2010 NCI Diet History Questionnaire II
One-Month without Serving Sizes Version
DHQ2.2010.OSC, DHQ2.2010.Teleform, DHQ2.2010.Keypunch

<u>Adding Questions to the DHQ</u>

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. This could be a digit, 0 to n-1, where n = the number of possible choices. However, if more than 10 choices are given then letters must be used. For a question with four choices use a,b,c,d or A,B,C,D as the codes (you may opt to use lower or upper case as the codes but within a file the codes must be one case). To change the characters used to code formatted questions, 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 "." to code a missing response, and "*" 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.

   Dates and Respondent ID are not coded as formatted questions. **"Other Questions"** are not analyzed by Diet*Calc and can be coded as formatted or with any other coding scheme. The coding of these variables is described in more detail below.

   - **Dates:** Year is coded as printed on the questionnaire. For example, the year field in Today's Date has 4 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).

   - **Respondent ID:** 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 the missing character in the last 4 (the field would be coded as "12345....", if '.' is the missing code).

   - **"Other Questions" –** are questions not analyzed. You may use any coding scheme to code these questions. For Diet*Calc to check an "Other Question" field when looking for skipped pages, the missing character must be either 1) zero, 2) blank, or 3) the missing character used for formatted questions.

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.)

Coding Manual for the 2010 NCI Diet History Questionnaire II
One-Month without Serving Sizes Version
DHQ2.2010.OSC, DHQ2.2010.Teleform, DHQ2.2010.Keypunch

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 '*', '#', 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.
3. If a multi-oval question has a partial response, code the ovals as they were answered. For example, assume social security number was added to the questionnaire as an "Other Question." 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 the missing character in the last 4 (the field would be coded as "12345....", if '.' is the missing code).

You may not use the same character to represent both the missing and the error characters. In NCI codebooks and data dictionaries, '.' and '*' 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.

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 .. = Missing ** = Error
Page 1	63	Today's Date: Day (1st Digit)	0 - 3 . = Missing * = Error	
Page 1	64	Today's Date: Day (2nd Digit)	0 – 9 . = Missing * = Error	
Page 1	65-68	Today's Date: Year	2010 2011 2012 2013 2014 2015 2016	2017 2018 2019 2020 .... = Missing **** = 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 .. = Missing ** = Error
Page 1	71-72	Date of Birth: Year (century)	19	
Page 1	73	Date of Birth: Year (3rd Digit)	0 - 9 . = Missing * = Error	
Page 1	74	Date of Birth: Year (4th Digit)	0 - 9 . = Missing * = Error	
Page 1	75	Are you male or female?	a = Male b = Female . = Missing * = Error	
Page 1	76-83	ID	0 – 9 for each of the 8 positions . for any missing digit * if more than one numeral selected	

Questionnaire Location	Column	Field	Coding Scheme
Question 1	84	Frequency: Carrot juice	Frequency Format #1
Question 2	85	Frequency: Tomato juice or veg juice	Frequency Format #1
Question 3	86	Frequency: Orange juice or gf juice	Frequency Format #1
Question 3a	87	How often were orange or gf juice **calcium-fortified**?	Proportion Format
Question 4	88	Frequency: Other fruit juice	Frequency Format #1
Question 4a	89	How often were other fruit juice **calcium-fortified**?	Proportion Format
Question 5	90	Frequency: Fruit Drinks: Hi-C, lemonade	Frequency Format #1
Question 5a	91	How often were fruit-drinks **diet**?	Proportion Format
Question 6	92	Frequency: Milk (as a beverage)	Frequency Format #1
Question 6a	93	What kind of milk did you usually drink?	a = Whole milk b = 2% fat milk c = 1% fat milk d = Skim, non-fat, ½% fat milk e = Soy Milk f = Rice Milk g = Other . = Missing * = Error

Questionnaire Location	Column	Field	Coding Scheme
Question 7	94	Frequency: Choc Milk (incl hot choc)	Frequency Format #1
Question 7a	95	How often was choc milk **reduced-fat or fat-free**?	Proportion Format
Question 8	96	Frequency: Meal replacement	Frequency Format #1
Question 9	97	Frequency: Soft drinks	Frequency Format #1
Question 9a	98	How often were soft drinks **diet or sugar-free**	Proportion Format
Question 9b	99	How often were soft drinks **caffeine-free**	Proportion Format
Question 10	100	Frequency: Sports drinks	Frequency Format #1
Question 11	101	Frequency: Energy drinks	Frequency Format #1
Question 12	102	Frequency: Beer	Frequency Format #1

Questionnaire Location	Column	Field	Coding Scheme
Question 13	103	Frequency: Water	Frequency Format #1
Question 13a	104	How often was water **tap water**	Proportion Format
Question 13b	105	How often was water **bottled, sweetened**	Proportion Format
Question 13c	106	How often was water **bottled, unsweetened**	Proportion Format
Question 14	107	Frequency: Wine, wine coolers	Frequency Format #1
Question 15	108	Frequency: Liquor or mixed drinks	Frequency Format #1
Question 16b	109	Frequency: Oatmeal	Frequency Format #2
Question 16c	110	How often was **butter, margarine** added to oatmeal	Proportion Format
Question 17	111	Frequency: Cold cereal	Frequency Format #2
Question 17a	112	How often was it **Total, Product 19, etc.**	Proportion Format
Question 17b	113	How often was it **All Bran, Fiber One, etc.**	Proportion Format

Questionnaire Location	Column	Field	Coding Scheme
Question 17c	114	How often was it **some other bran or fiber cereal**?	Proportion Format
Question 17d	115	How often was it any **other type of cold cereal**?	Proportion Format
Question 17e	116	Was **milk** added to your cereal?	a = No b = Yes . = Missing * = Error
Question 17f	117	What kind of **milk** was usually added to cereal?	a = Whole milk b = 2% fat milk c = 1% fat milk d = Skim, non-fat, ½% fat milk e = Soy Milk f = Rice Milk g = Other . = Missing * = Error
Question 18	118	Frequency: Applesauce	Frequency Format #2
Question 19	119	Frequency: Apples	Frequency Format #2
Question 20	120	Frequency: Pears	Frequency Format #2
Question 21	121	Frequency: Bananas	Frequency Format #2
Question 22	122	Frequency: Dried fruit	Frequency Format #2
Question 23	123	Frequency: Peaches, nectarines, plums in season	Frequency Format #2
Question 24	124	Frequency: Grapes	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 25	125	Frequency: Cantaloupe - in season	Frequency Format #2
Question 26	126	Frequency: Melon - in season	Frequency Format #2
Question 27	127	Frequency: Strawberries - in season	Frequency Format #2
Question 28	128	Frequency: Oranges - in season	Frequency Format #2
Question 29	129	Frequency: Grapefruit - in season	Frequency Format #2
Question 30	130	Frequency: Pineapple	Frequency Format #2
Question 31	131	Frequency: Other Fruit	Frequency Format #2
Question 32	132	Frequency: Cooked greens	Frequency Format #2
Question 33	133	Frequency: Raw greens	Frequency Format #2
Question 34	134	Frequency: Coleslaw	Frequency Format #2
Question 35	135	Frequency: Sauerkraut or cabbage	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 36	136	Frequency: Carrots	Frequency Format #2
Question 37	137	Frequency: String beans or green beans	Frequency Format #2
Question 38	138	Frequency: Peas	Frequency Format #2
Question 39	139	Frequency: Corn - rest of year	Frequency Format #2
Question 40	140	Frequency: Broccoli	Frequency Format #2
Question 41	141	Frequency: Cauliflower or Brussels sprouts	Frequency Format #2
Question 42	142	Frequency: Asparagus	Frequency Format #2
Question 43	143	Frequency: Winter squash	Frequency Format #2
Question 44	144	Frequency: Mixed vegetables	Frequency Format #2
Question 45	145	Frequency: Onions	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 46	146	Frequency: Cooked vegetables with fat	Frequency Format #2
Question 46a	147	Cooking Fat: Margarine	Marked / Unmarked Format
Question 46a	148	Cooking Fat: Butter	Marked / Unmarked Format
Question 46a	149	Cooking Fat: Lard	Marked / Unmarked Format
Question 46a	150	Cooking Fat: Olive Oil	Marked / Unmarked Format
Question 46a	151	Cooking Fat: Corn Oil	Marked / Unmarked Format
Question 46a	152	Cooking Fat: Canola Oil	Marked / Unmarked Format
Question 46a	153	Cooking Fat: Pam	Marked / Unmarked Format
Question 46a	154	Cooking Fat: Other oils	Marked / Unmarked Format
Question 46a	155	Cooking Fat: None of the above	Marked / Unmarked Format
Question 47	156	Frequency: Table fats	Frequency Format #3
Question 47a	157	Table Fats: Margarine	Marked / Unmarked Format
Question 47a	158	Table Fats: Butter	Marked / Unmarked Format
Question 47a	159	Table Fats: Lard	Marked / Unmarked Format
Question 47a	160	Table Fats: Salad Dressing	Marked / Unmarked Format
Question 47a	161	Table Fats: Cheese Sauce	Marked / Unmarked Format
Question 47a	162	Table Fats: White Sauce	Marked / Unmarked Format
Question 47a	163	Table Fats: Other	Marked / Unmarked Format
Question 48	164	Frequency: Sweet Peppers	Frequency Format #2
Question 49	165	Frequency: Fresh tomatoes - rest of year	Frequency Format #2
Question 50	166	Frequency: Lettuce salads	Frequency Format #2
Question 50a	167	How often did they include **dark green lettuce**	Proportion Format
Question 51	168	Frequency: Salad dressing (including low-fat)	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 52	169	Frequency: Sweet potatoes and yams	Frequency Format #2
Question 53	170	Frequency: French fries	Frequency Format #2
Question 54	171	Frequency: Potato Salad	Frequency Format #2
Question 55	172	Frequency: Potatoes	Frequency Format #2
Question 55a	173	How often use sour cream w/ potatoes?	Proportion Format
Question 55b	174	How often add margarine to potatoes?	Proportion Format
Question 55c	175	How often add butter to potatoes?	Proportion Format
Question 55d	176	How often use cheese or cheese sauce w/ potatoes?	Proportion Format
Question 56	177	Frequency: Salsa	Frequency Format #2
Question 57	178	Frequency: Catsup	Frequency Format #2
Question 58	179	Frequency: Stuffing, dressing , or dumplings	Frequency Format #2
Question 59	180	Frequency: Chili	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 60	181	Frequency: Mexican Foods	Frequency Format #2
Question 61	182	Frequency: Dried, cooked beans	Frequency Format #2
Question 61a	183	How often were the beans you ate **refried beans, beans prepared with any type of fat, or with meat added**?	Proportion Format
Question 62	184	Frequency: Other vegetables	Frequency Format #2
Question 63	185	Frequency: Rice or other cooked grains	Frequency Format #2
Question 63a	186	How often was **butter, margarine or oil** added to your rice **in cooking or at the table**?	Proportion Format
Question 64	187	Frequency: Pancakes, waffles, or French toast	Frequency Format #2
Question 64a	188	How often was margarine (including low-fat) added to your pancakes, waffles, or French toast after cooking or at the table?	Proportion Format
Question 64b	189	How often was butter added to you pancakes, waffles, or French toast?	Proportion Format
Question 64c	190	How often was syrup added to your pancakes, waffles or French Toast?	Proportion Format
Question 65	191	Frequency: Lasagna, shells, manicotti, ravioli	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 66	192	Frequency: Macaroni and Cheese	Frequency Format #2
Question 67	193	Frequency: Pasta Salad or Macaroni Salad	Frequency Format #2
Question 68	194	Frequency: Pasta, Spaghetti, or other Noodles	Frequency Format #2
Question 68a	195	How often did you eat your pasta, spaghetti, or other noodles with tomato sauce or spaghetti sauce made with meat?	Proportion Format
Question 68b	196	With tomato sauce or spaghetti sauce made without meat?	Proportion Format
Question 68c	197	How often did you eat your pasta, spaghetti, or other noodles with margarine, butter, oil, or cream sauce?	Proportion Format
Question 69	198	Frequency: Bagels or English Muffins	Frequency Format #2
Question 69a	199	How often were the bagels or English muffins **whole wheat**?	Proportion Format
Question 69b	200	How often did you use margarine on bagels or English muffins?	Proportion Format
Question 69c	201	How often did you use butter on bagels or English muffins?	Proportion Format
Question 69d	202	How often was cream cheese spread on your bagels or English muffins?	Proportion Format

Questionnaire Location	Column	Field	Coding Scheme
Question 70	203	Frequency: Sandwich bread	Frequency Format #2
Question 70a	204	How often was the bread or roll as part of your sandwiches white bread?	Proportion Format
Question 70b	205	How often was Mayonnaise or Mayonnaise-type dressing (including low-fat) added to your sandwich bread or rolls?	Proportion Format
Question 70c	206	How often was margarine (including low-fat) added to your sandwich bread or rolls?	Proportion Format
Question 70d	207	How often was butter (including low-fat) added to your sandwich bread or rolls?	Proportion Format
Question 71	208	Frequency: Bread or rolls not used in sandwiches	Frequency Format #2
Question 71a	209	How often were the bread or rolls white bread?	Proportion Format
Question 71b	210	How often was margarine (including low-fat) added to your bread or rolls?	Proportion Format
Question 71c	211	How often was butter (including low-fat) added to your bread or rolls?	Proportion Format
Question 71d	212	Frequency: Cream cheese on bread or rolls	Proportion Format
Question 72	213	Frequency: Jam, jelly, or honey	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 73	214	Frequency: Peanut Butter	Frequency Format #2
Question 74	215	Frequency: Roast beef or steak in sandwiches	Frequency Format #2
Question 75	216	Frequency: Turkey or chicken cold cuts	Frequency Format #2
Question 76	217	Frequency: Luncheon or deli-style ham	Frequency Format #2
Question 76a	218	How often was the luncheon or deli-style ham light, low-fat, or fat-free?	Proportion Format
Question 77	219	Frequency: Other cold cuts or luncheon meats	Frequency Format #2
Question 77a	220	How often were the cold cuts or luncheon meats light, low-fat, or fat-free?	Proportion Format
Question 78	221	Frequency: Canned tuna	Frequency Format #2
Question 78a	222	How often was it water-packed tuna?	Proportion Format
Question 78b	223	How often was the canned tuna prepared with mayonnaise or other dressing (including low-fat)?	Proportion Format

Questionnaire Location	Column	Field	Coding Scheme
Question 79	224	Frequency: Ground chicken or turkey	Frequency Format #2
Question 80	225	Frequency: Beef hamburgers or cheeseburgers from a restaurant	Frequency Format #2
Question 80a	226	How often did you have cheeseburgers rather than hamburgers?	Proportion Format
Question 81	227	Frequency: Beef hamburgers or cheeseburgers not from a restaurant	Frequency Format #2
Question 81a	228	How often were the beef hamburgers or cheeseburgers made with lean ground beef?	Proportion Format
Question 82	229	Frequency: Ground beef in mixtures	Frequency Format #2
Question 83	230	Frequency: Hot dogs or frankfurters	Frequency Format #2
Question 83a	231	How often were the hot dogs or frankfurters light?	Proportion Format
Question 84	232	Frequency: Beef stew or pot pie with vegetables	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 85	233	Frequency: Roast beef, pot roast (not sandwiches)	Frequency Format #2
Question 86	234	Frequency: Steak	Frequency Format #2
Question 86a	235	How often was the steak lean?	Proportion Format
Question 87	236	Frequency: Pork or spareribs	Frequency Format #2
Question 88	237	Frequency: Roast turkey (including sandwiches)	Frequency Format #2
Question 89	238	Frequency: Chicken in salads, sandwiches, etc.	Frequency Format #2
Question 90	239	Frequency: Baked, broiled or fried chicken	Frequency Format #2
Question 90a	240	How often was the chicken you ate fried (including deep fried) or chicken nuggets?	Proportion Format
Question 90b	241	How often was the chicken white meat?	Proportion Format
Question 90c	242	How often did you eat chicken with skin?	Proportion Format
Question 91	243	Frequency: Baked ham or ham steak	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 92	244	Frequency: Pork	Frequency Format #2
Question 93	245	Frequency: Gravy on meat, chicken, potatoes, etc.	Frequency Format #2
Question 94	246	Frequency: Liver (all kinds) or liverwurst	Frequency Format #2
Question 95	247	Frequency: Bacon	Frequency Format #2
Question 95a	248	How often was bacon light, low-fat, or lean	Proportion Format
Question 96	249	Frequency: Sausage	Frequency Format #2
Question 96a	250	How often was the sausage light, low-fat, or lean	Proportion Format
Question 97	251	Frequency: Fried shellfish	Frequency Format #2
Question 98	252	Frequency: Shellfish - not fried	Frequency Format #2
Question 99	253	Frequency: Salmon, fresh tuna, trout	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 100	254	Frequency: Fish sticks or other fried fish	Frequency Format #2
Question 101	255	Frequency: Other fish or Seafood - not fried	Frequency Format #2
Question 102	256	Frequency: Oil, butter, margarine, or other fat used to fry, sauté, baste, or marinate	Frequency Format #2
Question 102a	257	Fat to cook meat: Margarine (including low-fat)	Marked / Unmarked Format
Question 102a	258	Fat to cook meat: Butter	Marked / Unmarked Format
Question 102a	259	Fat to cook meat: Lard, fatback, or bacon fat	Marked / Unmarked Format
Question 102a	260	Fat to cook meat: Olive Oil	Marked / Unmarked Format
Question 102a	261	Fat to cook meat: Corn Oil	Marked / Unmarked Format
Question 102a	262	Fat to cook meat: Canola Oil	Marked / Unmarked Format
Question 102a	263	Fat to cook meat: Oil spray (Pam)	Marked / Unmarked Format
Question 102a	264	Fat to cook meat: Other kinds of oil	Marked / Unmarked Format
Question 102a	265	Fat to cook meat: None of the above	Marked / Unmarked Format
Question 103	266	Frequency: Tofu, soy burgers, etc	Frequency Format #2
Question 104	267	Frequency: Soups - rest of year	Frequency Format #2
Question 104a	268	How often were the soups you ate bean soups?	Proportion Format
Question 104b	269	How often were they cream soups?	Proportion Format
Question 104c	270	How often were they tomato or vegetable soups?	Proportion Format
Question 104d	271	How often were they broth soups?	Proportion Format

Questionnaire Location	Column	Field	Coding Scheme
Question 105	272	Frequency: Pizza	Frequency Format #2
Question105a	273	How often did you eat pizza with meat toppings?	Proportion Format
Question 106	274	Frequency: Crackers	Frequency Format #2
Question107	275	Frequency: Corn bread or muffins	Frequency Format #2
Question108	276	Frequency: Biscuits	Frequency Format #2
Question 109	277	Frequency: Potato chips	Frequency Format #2
Question 109a	278	How often were the potato chips fat-free?	Proportion Format
Question 110	279	Frequency: Corn chips, tortilla chips	Frequency Format #2
Question 110a	280	How often were the chips fat-free?	Proportion Format
Question 111	281	Frequency: Popcorn	Frequency Format #2
Question 112	282	Frequency: Pretzels	Frequency Format #2
Question 113	283	Frequency: Peanuts, walnuts, seeds or other nuts	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 114	284	Frequency: Breakfast bars, high-energy bars	Frequency Format #2
Question 115	285	Frequency: Yogurt	Frequency Format #2
Question 115a	286	How often was the yogurt low-fat or fat-free?	Proportion Format
Question 116	287	Frequency: Cottage cheese	Frequency Format #2
Question 117	288	Frequency: Cheese	Frequency Format #2
Question 117a	289	How often was the cheese you ate low-fat or fat-free?	Proportion Format
Question 118	290	Frequency: Frozen yogurt, sorbet, ices	Frequency Format #2
Question 119	291	Frequency: Ice cream, ice cream bars, or sherbet	Frequency Format #2
Question 119a	292	How often was the ice cream light, low-fat or fat-free ice cream or sherbet?	Proportion Format
Question 120	293	Frequency: Cake	Frequency Format #2
Question 121	294	Frequency: Cookies or brownies	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 122	295	Frequency: Doughnuts, sweet rolls, Danish	Frequency Format #2
Question 123	296	Frequency: Sweet muffins or dessert breads	Frequency Format #2
Question 124	297	Frequency: Fruit crisp, cobbler, strudel	Frequency Format #2
Question 125	298	Frequency: Pie	Frequency Format #2
Question 125a	299	How often were the pies you ate fruit pies?	Proportion Format
Question 125b	300	How often were they cream…meringue pies?	Proportion Format
Question 125c	301	How often were they pumpkin or sweet potato pies	Proportion Format
Question 125d	302	How often were the pies you ate pecan pie?	Proportion Format
Question 126	303	Frequency: Chocolate Candy	Frequency Format #2
Question 127	304	Frequency: Other Candy	Frequency Format #2
Question 128	305	Frequency: Eggs, egg whites, or egg substitutes	Frequency Format #2

Questionnaire Location	Column	Field	Coding Scheme
Question 128a	306	How often were the eggs you ate egg substitutes or eggs whites only?	Proportion Format
Question 128b	307	How often were the eggs whole eggs?	Proportion Format
Question 128c	308	How often were the eggs cooked in oil, butter, or margarine?	Proportion Format
Question 128d	309	How often were the eggs part of egg salad?	Proportion Format
Question 129	310	Frequency: Coffee	Frequency Format #4
Question 129a	311	How often was the coffee decaffeinated?	Proportion Format
Question 130	312	Frequency: Iced Tea	Frequency Format #4
Question 130a	313	How often was the iced tea decaffeinated / herbal?	Proportion Format
Question 130b	314	How often was the iced tea presweetened?	Proportion Format
Question 130c	315	What kind of sweetener in presweetened iced tea?	a = Sugar or honey b = Artificial sweeteners . = Missing * = Error

Questionnaire Location	Column	Field	Coding Scheme
Question 131	316	Frequency: Cups of Hot Tea	Frequency Format #4
Question 131a	317	How often was the hot tea decaffeinated or herbal tea?	Proportion Format
Question 132	318	Did you add sugar, honey, or other sweeteners to tea or coffee?	a = No b = Yes . = Missing * = Error
Question 132a	319	How often was sugar or honey added to coffee or tea?	Proportion Format
Question 132b	320	How often was artificial sweetener added to coffee or tea?	Proportion Format
Question 132c	321	What kind of artificial sweetener in coffee or tea?	a = Equal or aspartame b = Sweet-N-Low or saccharin c = Splenda or sucralose d = Herbal extracts or other kind . = Missing * = Error
Question 133	322	Did you add whiteners (cream, milk, etc) to tea or coffee?	a = No b = Yes . = Missing * = Error
Question 133a	323	How often was non-dairy creamer added to coffee or tea?	Proportion Format
Question 133b	324	What kind of non-dairy creamer did you usually use?	a = Regular powdered b = Low-fat or fat-free powdered c = Regular liquid d = Low-fat or fat-free liquid . = Missing * = Error
Question 133c	325	How often was cream or half and half added to coffee or tea?	Proportion Format
Question 133d	326	How often was milk added to coffee or tea?	Proportion Format
Question 133e	327	What kind of milk was usually added to your coffee or tea?	a = Whole milk b = 2% fat milk c = 1% fat milk d = Skim, non-fat, ½% fat milk e = Evaporated or condensed f = Soy Milk g = Rice Milk h = Other . = Missing * = Error

Questionnaire Location	Column	Field	Coding Scheme
Question 134	328	Frequency: Sugar or honey added to foods	Frequency Format #2
Question 135	329	Did you eat margarine (in past 12 mos.)?	a = No b = Yes . = Missing * = Error
Question 135a	330	How often was the margarine light, low-fat, or fat-free?	Proportion Format
Question 136	331	Did you eat butter (in past 12 mos.)?	a = No b = Yes . = Missing * = Error
Question 136a	332	How often was the butter you ate light or low-fat butter?	Proportion Format
Question 137	333	Did you eat mayonnaise or mayonnaise-type dressing (in past 12 mos.)?	a = No b = Yes . =Missing * = Error
Question 137a	334	How often was the mayonnaise light, low-fat or fat-free?	Proportion Format
Question 138	335	Did you eat sour cream (in past 12 mos.)?	a = No b = Yes . = Missing * = Error
Question 138a	336	How often was the sour cream light, low-fat or fat-free?	Proportion Format
Question 139	337	Did you eat cream cheese (in past 12 mos)?	a = No b = Yes . = Missing * = Error
Question 139a	338	How often was the cream cheese light, low-fat or fat-free?	Proportion Format

Questionnaire Location	Column	Field	Coding Scheme
Question 140	339	Did you eat salad dressing (in past 12 mos.)?	a = No b = Yes . = Missing * = Error
Question 140a	340	How often was the dressing you ate light, low-fat or fat-free?	Proportion Format
Question 141	341	Frequency: Vegetables per week or per day (not including salads or potatoes)	Frequency Format #6
Question 142	342	Frequency: Fruit per week or per day	Frequency Format #6
Question 143	343	Avocado, guacamole	Marked / Unmarked Format
Question 143	344	Cheesecake	Marked / Unmarked Format
Question 143	345	Chocolate, fudge or butterscotch toppings	Marked / Unmarked Format
Question 143	346	Chow mein noodles	Marked / Unmarked Format
Question 143	347	Croissants	Marked / Unmarked Format
Question 143	348	Dried apricots	Marked / Unmarked Format
Question 143	349	Egg rolls	Marked / Unmarked Format
Question 143	350	Granola bars	Marked / Unmarked Format
Question 143	351	Hot peppers	Marked / Unmarked Format
Question 143	352	Jell-O, gelatin	Marked / Unmarked Format
Question 143	353	Mangoes	Marked / Unmarked Format
Question 143	354	Milkshakes or ice-cream sodas	Marked / Unmarked Format
Question 143	355	Olives	Marked / Unmarked Format
Question 143	356	Oysters	Marked / Unmarked Format
Question 143	357	Pickles or pickled vegetables or fruit	Marked / Unmarked Format
Question 143	358	Plantains	Marked / Unmarked Format
Question 143	359	Pork neck bones, hock, head, feet	Marked / Unmarked Format
Question 143	360	Pudding or custard	Marked / Unmarked Format
Question 143	361	Veal, venison, or lamb	Marked / Unmarked Format
Question 143	362	Whipped cream, regular	Marked / Unmarked Format
Question 143	363	Whipped cream, substitute	Marked / Unmarked Format
Question 143	364	NONE	Marked / Unmarked Format
Question 144	365	For all of the past 12 months, have you followed a Vegetarian diet?	a = No b = Yes . = Missing * = Error
Question 144a	366	Did you exclude meat?	Marked / Unmarked Format
Question 144a	367	Did you exclude poultry?	Marked / Unmarked Format
Question 144a	368	Did you exclude fish and seafood?	Marked / Unmarked Format
Question 144a	369	Did you exclude eggs?	Marked / Unmarked Format
Question 144a	370	Did you exclude dairy products?	Marked / Unmarked Format

Questionnaire Location	Column	Field	Coding Scheme
Question 145	371	Did you take multivitamins such as One-a-Day-, Theragran- Centrum- or Prenatal-type multivitamins (in past 12 mos.)?	a = No b = Yes . = Missing * = Error
Question 146	372	How often did you take One-a-Day-, Theragran-, or Centrum- or Prenatal-type multivitamins?	Frequency Format #7
Question 146a	373	Does your multivitamin usually contain minerals such as iron, zinc, etc.?	a = No b = Yes c = Don't know . = Missing * = Error
Question 146b	374	Did you take any vitamins or minerals other than your multivitamin (in past 12 mos.)?	a = No b = Yes . = Missing * =Error
Question 147	375	Frequency: Antacids such as Tums or Rolaids	Frequency Format #5
Question 147a	376	Is antacid usually "extra strength"?	a = No b = Yes c = Don't know . = Missing * =Error
Question 148	377	Frequency: Calcium	Frequency Format #5
Question 148a	378	Does Calcium usually contain Vitamin D?	a = No b = Yes c = Don't know . = Missing * =Error
Question 148b	379	Does your Calcium usually contain Magnesium?	a = No b = Yes c = Don't know . = Missing * =Error
Question 148c	380	Does your Calcium usually contain Zinc?	a = No b = Yes c = Don't know . = Missing * =Error

Questionnaire Location	Column	Field	Coding Scheme
Question 149	381	Frequency: Iron	Frequency Format #5
Question 150	382	Frequency: Vitamin C	Frequency Format #5
Question 151	383	Frequency: Vitamin E	Frequency Format #5
Question 152	384	B-6	Marked / Unmarked Format
Question 152	385	B-complex	Marked / Unmarked Format
Question 152	386	B-12	Marked / Unmarked Format
Question 152	387	Beta-carotene	Marked / Unmarked Format
Question 152	388	Folic acid / folate	Marked / Unmarked Format
Question 152	389	Magnesium	Marked / Unmarked Format
Question 152	390	Occu-vite / Eye health	Marked / Unmarked Format
Question 152	391	Potassium	Marked / Unmarked Format
Question 152	392	Selenium	Marked / Unmarked Format
Question 152	393	Vitamin A	Marked / Unmarked Format
Question 152	394	Vitamin D	Marked / Unmarked Format
Question 152	395	Zinc	Marked / Unmarked Format
Question 153	396	Chondroitin	Marked / Unmarked Format
Question 153	397	Coenzyme Q-10	Marked / Unmarked Format
Question 153	398	Echinacea	Marked / Unmarked Format
Question 153	399	Energy supplements	Marked / Unmarked Format
Question 153	400	Fish oil / Omega-3's	Marked / Unmarked Format
Question 153	401	Flaxseed / oil	Marked / Unmarked Format
Question 153	402	Garlic	Marked / Unmarked Format
Question 153	403	Ginger	Marked / Unmarked Format
Question 153	404	Ginkgo biloba	Marked / Unmarked Format
Question 153	405	Ginseng	Marked / Unmarked Format
Question 153	406	Glucosamine / chondroitin	Marked / Unmarked Format
Question 153	407	Peppermint	Marked / Unmarked Format
Question 153	408	Probiotics	Marked / Unmarked Format
Question 153	409	Saw palmetto	Marked / Unmarked Format
Question 153	410	Soy supplement	Marked / Unmarked Format
Question 153	411	Sports supplements	Marked / Unmarked Format
Question 153	412	St. John's wort	Marked / Unmarked Format
Question 153	413	Other	Marked / Unmarked Format