

Coding Manual for the 2010 NCI Diet History Questionnaire II
One-Month with 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.

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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?”

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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

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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 $\frac{1}{4}$ of the time
c = About $\frac{1}{2}$ of the time
d = About $\frac{3}{4}$ of the time
e = Almost always or always
. = Missing
* = Error

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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. 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.)

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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.

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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 (3 rd Digit)	0 - 9 . = Missing * = Error	
Page 1	74	Date of Birth: Year (4 th 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	

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Questionnaire Page 2**

Questionnaire Location	Column	Field	Coding Scheme
Question 1	84	Frequency: Carrot juice	Frequency Format #1
Question 1a	85	Portion Size: Carrot juice	Size Format #1
Question 2	86	Frequency: Tomato juice or veg juice	Frequency Format #1
Question 2a	87	Portion Size: Tomato juice or veg juice	Size Format #1
Question 3	88	Frequency: Orange juice or gf juice	Frequency Format #1
Question 3a	89	Portion Size: Orange juice or gf juice	Size Format #1
Question 3b	90	How often were orange or gf juice calcium-fortified?	Proportion Format
Question 4	91	Frequency: Other fruit juice	Frequency Format #1
Question 4a	92	Portion Size: Other fruit juice	Size Format #1
Question 4b	93	How often were other fruit juice calcium-fortified?	Proportion Format
Question 5	94	Frequency: Fruit Drinks: Hi-C, lemonade	Frequency Format #1

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Questionnaire Page 3**

Questionnaire Location	Column	Field	Coding Scheme
Question 5a	95	Portion Size: Fruit Drinks: Hi-C, lemonade	Size Format #1
Question 5b	96	How often were fruit-drinks diet ?	Proportion Format
Question 6	97	Frequency: Milk (as a beverage)	Frequency Format #1
Question 6a	98	Portion Size: Milk (as a beverage)	Size Format #1
Question 6b	99	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
Question 7	100	Frequency: Choc Milk (incl hot choc)	Frequency Format #1
Question 7a	101	Portion Size: Choc Milk (incl hot choc)	Size Format #1
Question 7b	102	How often was choc milk reduced-fat or fat-free ?	Proportion Format
Question 8	103	Frequency: Meal replacement	Frequency Format #1
Question 8a	104	Portion Size: Meal replacement	Size Format #1
Question 9	105	Frequency: Soft drinks	Frequency Format #1
Question 9a	106	Portion Size: Soft drinks	Size Format #1

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 Questionnaire Page 4**

Questionnaire Location	Column	Field	Coding Scheme
Question 9b	107	How often were soft drinks diet or sugar-free	Proportion Format
Question 9c	108	How often were soft drinks caffeine-free	Proportion Format
Question 10	109	Frequency: Sports drinks	Frequency Format #1
Question 10a	110	Portion Size: Sports drinks	Size Format #1
Question 11	111	Frequency: Energy drinks	Frequency Format #1
Question 11a	112	Portion Size: Energy drinks	Size Format #1
Question 12	113	Frequency: Beer	Frequency Format #1
Question 12a	114	Portion Size: Beer	Size Format #1
Question 13	115	Frequency: Water	Frequency Format #1
Question 13a	116	Portion Size: Water	Size Format #1
Question 13b	117	How often was water tap water	Proportion Format

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Questionnaire Page 5**

Questionnaire Location	Column	Field	Coding Scheme
Question 13c	118	How often was water bottled, sweetened	Proportion Format
Question 13d	119	How often was water bottled, unsweetened	Proportion Format
Question 14	120	Frequency: Wine, wine coolers	Frequency Format #1
Question 14a	121	Portion Size: Wine, wine coolers	Size Format #1
Question 15	122	Frequency: Liquor or mixed drinks	Frequency Format #1
Question 15a	123	Portion Size: Liquor or mixed drinks	Size Format #1
Question 16	124	Frequency: Oatmeal	Frequency Format #2
Question 16a	125	Portion size: Oatmeal	Size Format #1
Question 16b	126	How often was butter, margarine added to oatmeal	Proportion Format
Question 17	127	Frequency: Cold cereal	Frequency Format #2
Question 17a	128	Portion size: Cold cereal	Size Format #1
Question 17b	129	How often was it Total, Product 19, etc.	Proportion Format

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Questionnaire Page 6**

Questionnaire Location	Column	Field	Coding Scheme
Question 17c	130	How often was it All Bran, Fiber One, etc.	Proportion Format
Question 17d	131	How often was it some other bran or fiber cereal?	Proportion Format
Question 17e	132	How often was it any other type of cold cereal?	Proportion Format
Question 17f	133	Was milk added to your cereal?	a = No b = Yes . = Missing * = Error
Question 17g	134	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 17h	135	Portion Size: Milk On Cereal	Size Format #1
Question 18	136	Frequency: Applesauce	Frequency Format #2
Question 18a	137	Portion Size: Applesauce	Size Format #1
Question 19	138	Frequency: Apples	Frequency Format #2
Question 19a	139	Portion Size: Apples	Size Format #1
Question 20	140	Frequency: Pears	Frequency Format #2
Question 20a	141	Portion Size: Pears	Size Format #1
Question 21	142	Frequency: Bananas	Frequency Format #2

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 Questionnaire Page 7**

Questionnaire Location	Column	Field	Coding Scheme
Question 21a	143	Portion Size: Bananas	Size Format #1
Question 22	144	Frequency: Dried fruit	Frequency Format #2
Question 22a	145	Portion Size: Dried fruit	Size Format #1
Question 23	146	Frequency: Peaches, nectarines, plums	Frequency Format #2
Question 23a	147	Portion Size: Peaches, nectarines, plums	Size Format #1
Question 24	148	Frequency: Grapes	Frequency Format #2
Question 24a	149	Portion Size: Grapes	Size Format #1
Question 25	150	Frequency: Cantaloupe	Frequency Format #2
Question 25a	151	Portion size: Cantaloupe	Size Format #1
Question 26	152	Frequency: Melon	Frequency Format #2
Question 26a	153	Portion Size: Melon	Size Format #1

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 Questionnaire Page 8**

Questionnaire Location	Column	Field	Coding Scheme
Question 27	154	Frequency: Strawberries	Frequency Format #2
Question 27a	155	Portion: Strawberries	Size Format #1
Question 28	156	Frequency: Oranges	Frequency Format #2
Question 28a	157	Portion Size: Oranges	Size Format #1
Question 29	158	Frequency: Grapefruit	Frequency Format #2
Question 29a	159	Portion Size: Grapefruit	Size Format #1
Question 30	160	Frequency: Pineapple	Frequency Format #2
Question 30a	161	Portion Size: Pineapple	Size Format #1
Question 31	162	Frequency: Other Fruit	Frequency Format #2
Question 31a	163	Portion Size: Other Fruit	Size Format #1
Question 32	164	Frequency: Cooked greens	Frequency Format #2
Question 32a	165	Portion Size: Cooked greens	Size Format #1
Question 33	166	Frequency: Raw greens	Frequency Format #2

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 Questionnaire Page 9**

Questionnaire Location	Column	Field	Coding Scheme
Question 33a	167	Portion Size: Raw greens	Size Format #1
Question 34	168	Frequency: Coleslaw	Frequency Format #2
Question 34a	169	Portion Size: Coleslaw	Size Format #1
Question 35	170	Frequency: Sauerkraut or cabbage	Frequency Format #2
Question 35a	171	Portion Size: Sauerkraut or cabbage	Size Format #1
Question 36	172	Frequency: Carrots	Frequency Format #2
Question 36a	173	Portion Size: Carrots	Size Format #1
Question 37	174	Frequency: String beans or green beans	Frequency Format #2
Question 37a	175	Portion Size: String beans or green beans	Size Format #1
Question 38	176	Frequency: Peas	Frequency Format #2
Question 38a	177	Portion Size: Peas	Size Format #1
Question 39	178	Frequency: Corn	Frequency Format #2
Question 39a	179	Portion Size: Corn	Size Format #1

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 Questionnaire Page 10**

Questionnaire Location	Column	Field	Coding Scheme
Question 40	180	Frequency: Broccoli	Frequency Format #2
Question 40a	181	Portion Size: Broccoli	Size Format #1
Question 41	182	Frequency: Cauliflower or Brussels sprouts	Frequency Format #2
Question 41a	183	Portion Size: Cauliflower or Brussels sprouts	Size Format #1
Question 42	184	Frequency: Asparagus	Frequency Format #2
Question 42a	185	Portion Size: Asparagus	Size Format #1
Question 43	186	Frequency: Winter squash	Frequency Format #2
Question 43a	187	Portion Size: Winter squash	Size Format #1
Question 44	188	Frequency: Mixed vegetables	Frequency Format #2
Question 44a	189	Portion Size: Mixed vegetables	Size Format #1
Question 45	190	Frequency: Onions	Frequency Format #2
Question 45a	191	Portion Size: Onions	Size Format #1

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Questionnaire Page 11**

Questionnaire Location	Column	Field	Coding Scheme
Question 46	192	Frequency: Cooked vegetables with fat	Frequency Format #2
Question 46a	193	Cooking Fat: Margarine	Marked / Unmarked Format
Question 46a	194	Cooking Fat: Butter	Marked / Unmarked Format
Question 46a	195	Cooking Fat: Lard	Marked / Unmarked Format
Question 46a	196	Cooking Fat: Olive Oil	Marked / Unmarked Format
Question 46a	197	Cooking Fat: Corn Oil	Marked / Unmarked Format
Question 46a	198	Cooking Fat: Canola Oil	Marked / Unmarked Format
Question 46a	199	Cooking Fat: Pam	Marked / Unmarked Format
Question 46a	200	Cooking Fat: Other oils	Marked / Unmarked Format
Question 46a	201	Cooking Fat: None of the above	Marked / Unmarked Format
Question 47	202	Frequency: Table fats	Frequency Format #3
Question 47a	203	Table Fats: Margarine	Marked / Unmarked Format
Question 47a	204	Table Fats: Butter	Marked / Unmarked Format
Question 47a	205	Table Fats: Lard	Marked / Unmarked Format
Question 47a	206	Table Fats: Salad Dressing	Marked / Unmarked Format
Question 47a	207	Table Fats: Cheese Sauce	Marked / Unmarked Format
Question 47a	208	Table Fats: White Sauce	Marked / Unmarked Format
Question 47a	209	Table Fats: Other	Marked / Unmarked Format
Question 47b	210	Portion Size: Table fats (margarine, butter, lard, fatback, or bacon fat)	Size Format #2
Question 47c	211	Portion Size: Table fats (salad dressing, cheese sauce, white sauce)	Size Format #2
Question 48	212	Frequency: Sweet Peppers	Frequency Format #2
Question 48a	213	Portion Size: Sweet Peppers	Size Format #1

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 Questionnaire Page 12**

Questionnaire Location	Column	Field	Coding Scheme
Question 49	214	Frequency: Fresh tomatoes	Frequency Format #2
Question 49a	215	Portion Size: Fresh tomatoes	Size Format #1
Question 50	216	Frequency: Lettuce salads	Frequency Format #2
Question 50a	217	Portion Size: Lettuce salads	Size Format #1
Question 50b	218	How often did they include dark green lettuce	Proportion Format
Question 51	219	Frequency: Salad dressing (including low-fat)	Frequency Format #2
Question 51a	220	Portion Size: Salad dressing	Size Format #1
Question 52	221	Frequency: Sweet potatoes and yams	Frequency Format #2
Question 52a	222	Portion Size: Sweet potatoes and yams	Size Format #1
Question 53	223	Frequency: French fries	Frequency Format #2
Question 53a	224	Portion Size: French fries	Size Format #1
Question 54	225	Frequency: Potato Salad	Frequency Format #2
Question 54a	226	Portion Size: Potato Salad	Size Format #1
Question 55	227	Frequency: Potatoes	Frequency Format #2

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 Questionnaire Page 13**

Questionnaire Location	Column	Field	Coding Scheme
Question 55a	228	Portion Size: Potatoes	Size Format #1
Question 55b	229	How often use sour cream w/ potatoes?	Proportion Format
Question 55c	230	Portion Size: Sour cream w/ potatoes	Size Format #1
Question 55d	231	How often add margarine to potatoes?	Proportion Format
Question 55e	232	How often add butter to potatoes?	Proportion Format
Question 55f	233	Portion Size: Margarine or butter w/ potatoes	Size Format #2
Question 55g	234	How often use cheese or cheese sauce w/ potatoes?	Proportion Format
Question 55h	235	Portion Size: Cheese or cheese sauce w/ potatoes	Size Format #1
Question 56	236	Frequency: Salsa	Frequency Format #2
Question 56a	237	Portion Size: Salsa	Size Format #1
Question 57	238	Frequency: Catsup	Frequency Format #2
Question 57a	239	Portion Size: Catsup	Size Format #1
Question 58	240	Frequency: Stuffing, dressing , or dumplings	Frequency Format #2

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Questionnaire Page 14**

Questionnaire Location	Column	Field	Coding Scheme
Question 58a	241	Portion Size: Stuffing, dressing , or dumplings	Size Format #1
Question 59	242	Frequency: Chili	Frequency Format #2
Question 59a	243	Portion Size: Chili	Size Format #1
Question 60	244	Frequency: Mexican Foods	Frequency Format #2
Question 60a	245	Portion Size: Mexican Foods	Size Format #1
Question 61	246	Frequency: Dried, cooked beans	Frequency Format #2
Question 61a	247	Portion Size: Dried, cooked beans	Size Format #1
Question 61b	248	How often were the beans you ate refried beans, beans prepared with any type of fat, or with meat added?	Proportion Format
Question 62	249	Frequency: Other vegetables	Frequency Format #2
Question 62a	250	Portion Size: Other vegetables	Size Format #1
Question 63	251	Frequency: Rice or other cooked grains	Frequency Format #2
Question 63a	252	Portion Size: Rice or other cooked grains	Size Format #1
Question 63b	253	How often was butter, margarine or oil added to your rice in cooking or at the table?	Proportion Format

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Questionnaire Location	Column	Field	Coding Scheme
Question 64	254	Frequency: Pancakes, waffles, or French toast	Frequency Format #2
Question 64a	255	Portion Size: Pancakes, waffles, or French toast	Size Format #1
Question 64b	256	How often was margarine (including low-fat) added to your pancakes, waffles, or French toast after cooking or at the table?	Proportion Format
Question 64c	257	How often was butter added to you pancakes, waffles, or French toast?	Proportion Format
Question 64d	258	Portion Size: Butter or margarine added to pancakes, waffles or French toast?	Size Format #2
Question 64e	259	How often was syrup added to your pancakes, waffles or French Toast?	Proportion Format
Question 64f	260	Portion Size: Syrup	Size Format #1
Question 65	261	Frequency: Lasagna, shells, manicotti, ravioli	Frequency Format #2
Question 65a	262	Portion Size: Lasagna, shells, manicotti, ravioli	Size Format #1
Question 66	263	Frequency: Macaroni and Cheese	Frequency Format #2
Question 66a	264	Portion Size: Macaroni and Cheese	Size Format #1
Question 67	265	Frequency: Pasta Salad or Macaroni Salad	Frequency Format #2

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Questionnaire Location	Column	Field	Coding Scheme
Question 67a	266	Portion Size: Pasta Salad or Macaroni Salad	Size Format #1
Question 68	267	Frequency: Pasta, Spaghetti, or other Noodles	Frequency Format #2
Question 68a	268	Portion Size: Pasta, Spaghetti, or other Noodles	Size Format #1
Question 68b	269	How often did you eat your pasta, spaghetti, or other noodles with tomato sauce or spaghetti sauce made with meat?	Proportion Format
Question 68c	270	With tomato sauce or spaghetti sauce made without meat?	Proportion Format
Question 68d	271	How often did you eat your pasta, spaghetti, or other noodles with margarine, butter, oil, or cream sauce?	Proportion Format
Question 69	272	Frequency: Bagels or English Muffins	Frequency Format #2
Question 69a	273	How often were the bagels or English muffins whole wheat ?	Proportion Format
Question 69b	274	Portion Size: Bagels or English Muffins	Size Format #1
Question 69c	275	How often did you use margarine on bagels or English muffins?	Proportion Format
Question 69d	276	How often did you use butter on bagels or English muffins?	Proportion Format
Question 69e	277	Portion Size: Butter or margarine added to bagels or English muffins	Size Format #2

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Questionnaire Location	Column	Field	Coding Scheme
Question 69f	278	How often was cream cheese spread on your bagels or English muffins?	Proportion Format
Question 69g	279	Portion Size: Cream cheese for bagels/English muffins	Size Format #1
Question 70	280	Frequency: Sandwich bread	Frequency Format #2
Question 70a	281	Portion Size: Sandwich bread	Size Format #1
Question 70b	282	How often was the bread or roll as part of your sandwiches white bread?	Proportion Format
Question 70c	283	How often was Mayonnaise or Mayonnaise-type dressing (including low-fat) added to your sandwich bread or rolls?	Proportion Format
Question 70d	284	Portion Size: Mayonnaise or Mayonnaise type dressing	Size Format #1
Question 70e	285	How often was margarine (including low-fat) added to your sandwich bread or rolls?	Proportion Format
Question 70f	286	How often was butter (including low-fat) added to your sandwich bread or rolls?	Proportion Format
Question 70g	287	Portion Size: Butter or margarine added to sandwich bread	Size Format #2
Question 71	288	Frequency: Bread or rolls not used in sandwiches	Frequency Format #2

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Questionnaire Location	Column	Field	Coding Scheme
Question 71a	289	Portion Size: Bread or rolls not in sandwiches	Size Format #1
Question 71b	290	How often were the bread or rolls white bread?	Proportion Format
Question 71c	291	How often was margarine (including low-fat) added to your bread or rolls?	Proportion Format
Question 71d	292	How often was butter (including low-fat) added to your bread or rolls?	Proportion Format
Question 71e	293	Portion Size: Margarine or butter on bread	Size Format #2
Question 71f	294	Frequency: Cream cheese on bread or rolls	Proportion Format
Question 71g	295	Portion Size: Cream cheese on bread or rolls	Size Format #1
Question 72	296	Frequency: Jam, jelly, or honey	Frequency Format #2
Question 72a	297	Portion Size: Jam, jelly, or honey	Size Format #1
Question 73	298	Frequency: Peanut Butter	Frequency Format #2
Question 73a	299	Portion Size: Peanut Butter	Size Format #1
Question 74	300	Frequency: Roast beef or steak in sandwiches	Frequency Format #2
Question 74a	301	Portion Size: Roast beef or steak in sandwiches	Size Format #1

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Questionnaire Location	Column	Field	Coding Scheme
Question 75	302	Frequency: Turkey or chicken cold cuts	Frequency Format #2
Question 75a	303	Portion Size: Turkey or chicken cold cuts	Size Format #1
Question 76	304	Frequency: Luncheon or deli-style ham	Frequency Format #2
Question 76a	305	Portion Size: Luncheon or deli-style ham	Size Format #1
Question 76b	306	How often was the luncheon or deli-style ham light, low-fat, or fat-free?	Proportion Format
Question 77	307	Frequency: Other cold cuts or luncheon meats	Frequency Format #2
Question 77a	308	Portion Size: Other cold cuts or luncheon meats	Size Format #1
Question 77b	309	How often were the cold cuts or luncheon meats light, low-fat, or fat-free?	Proportion Format
Question 78	310	Frequency: Canned tuna	Frequency Format #2
Question 78a	311	Portion Size: Canned tuna	Size Format #1
Question 78b	312	How often was it water-packed tuna?	Proportion Format
Question 78c	313	How often was the canned tuna prepared with mayonnaise or other dressing (including low-fat)?	Proportion Format

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Questionnaire Location	Column	Field	Coding Scheme
Question 79	314	Frequency: Ground chicken or turkey	Frequency Format #2
Question 79a	315	Portion Size: Ground chicken or turkey	Size Format #1
Question 80	316	Frequency: Beef hamburgers or cheeseburgers from a restaurant	Frequency Format #2
Question 80a	317	Portion Size: Beef hamburgers or cheeseburgers from a restaurant, what size?	Size Format #1
Question 80b	318	Portion Size: Beef hamburgers or cheeseburgers from a restaurant, how much?	Size Format #1
Question 80c	319	How often did you have cheeseburgers rather than hamburgers?	Proportion Format
Question 81	320	Frequency: Beef hamburgers or cheeseburgers not from a restaurant	Frequency Format #2
Question 81a	321	Portion Size: Beef hamburgers or cheeseburgers not from a restaurant, how much?	Size Format #1
Question 81b	322	How often were the beef hamburgers or cheeseburgers made with lean ground beef?	Proportion Format
Question 82	323	Frequency: Ground beef in mixtures	Frequency Format #2
Question 82a	324	Portion Size: Ground beef in mixtures	Size Format #1
Question 83	325	Frequency: Hot dogs or frankfurters	Frequency Format #2

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Questionnaire Location	Column	Field	Coding Scheme
Question 83a	326	Portion Size: Hot dogs or frankfurters	Size Format #1
Question 83b	327	How often were the hot dogs or frankfurters light?	Proportion Format
Question 84	328	Frequency: Beef stew or pot pie with vegetables	Frequency Format #2
Question 84a	329	Portion Size: Beef stew or pot pie with vegetables	Size Format #1
Question 85	330	Frequency: Roast beef, pot roast (not sandwiches)	Frequency Format #2
Question 85a	331	Portion Size: Roast beef (not sandwiches)	Size Format #1
Question 86	332	Frequency: Steak	Frequency Format #2
Question 86a	333	Portion Size: Steak	Size Format #1
Question 86b	334	How often was the steak lean?	Proportion Format
Question 87	335	Frequency: Pork or spareribs	Frequency Format #2
Question 87a	336	Portion Size: Pork or spareribs	Size Format #1
Question 88	337	Frequency: Roast turkey (including sandwiches)	Frequency Format #2
Question 88a	338	Portion Size: Roast turkey	Size Format #1

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Questionnaire Location	Column	Field	Coding Scheme
Question 89	339	Frequency: Chicken in salads, sandwiches, etc.	Frequency Format #2
Question 89a	340	Portion Size: Chicken in salads, sandwiches, etc.	Size Format #1
Question 90	341	Frequency: Baked, broiled or fried chicken	Frequency Format #2
Question 90a	342	Portion Size: Baked, broiled or fried chicken	Size Format #1
Question 90b	343	How often was the chicken you ate fried (including deep fried) or chicken nuggets?	Proportion Format
Question 90c	344	How often was the chicken white meat?	Proportion Format
Question 90d	345	How often did you eat chicken with skin?	Proportion Format
Question 91	346	Frequency: Baked ham or ham steak	Frequency Format #2
Question 91a	347	Portion Size: Baked ham or ham steak	Size Format #1
Question 92	348	Frequency: Pork	Frequency Format #2
Question 92a	349	Portion Size: Pork	Size Format #1
Question 93	350	Frequency: Gravy on meat, chicken, potatoes, etc.	Frequency Format #2
Question 93a	351	Portion Size: Gravy	Size Format #1

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Questionnaire Location	Column	Field	Coding Scheme
Question 94	352	Frequency: Liver (all kinds) or liverwurst	Frequency Format #2
Question 94a	353	Portion Size: Liver or liverwurst	Size Format #1
Question 95	354	Frequency: Bacon	Frequency Format #2
Question 95a	355	Portion Size: Bacon	Size Format #1
Question 95b	356	How often was bacon light, low-fat, or lean	Proportion Format
Question 96	357	Frequency: Sausage	Frequency Format #2
Question 96a	358	Portion Size: Sausage	Size Format #1
Question 96b	359	How often was the sausage light, low-fat, or lean	Proportion Format
Question 97	360	Frequency: Fried shellfish	Frequency Format #2
Question 97a	361	Portion Size: Fried shellfish	Size Format #1
Question 98	362	Frequency: Shellfish - not fried	Frequency Format #2
Question 98a	363	Portion Size: Shellfish - not fried	Size Format #1
Question 99	364	Frequency: Salmon, fresh tuna, trout	Frequency Format #2
Question 99a	365	Portion Size: Salmon, fresh tuna, trout	Size Format #1

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Questionnaire Location	Column	Field	Coding Scheme
Question 100	366	Frequency: Fish sticks or other fried fish	Frequency Format #2
Question 100a	367	Portion Size: Fish sticks or other fried fish	Size Format #1
Question 101	368	Frequency: Other fish or Seafood - not fried	Frequency Format #2
Question 101a	369	Portion Size: Other fish or Seafood - not fried	Size Format #1
Question 102	370	Frequency: Oil, butter, margarine, or other fat used to fry, sauté, baste, or marinate	Frequency Format #2
Question 102a	371	Fat to cook meat: Margarine (including low-fat)	Marked / Unmarked Format
Question 102a	372	Fat to cook meat: Butter	Marked / Unmarked Format
Question 102a	373	Fat to cook meat: Lard, fatback, or bacon fat	Marked / Unmarked Format
Question 102a	374	Fat to cook meat: Olive Oil	Marked / Unmarked Format
Question 102a	375	Fat to cook meat: Corn Oil	Marked / Unmarked Format
Question 102a	376	Fat to cook meat: Canola Oil	Marked / Unmarked Format
Question 102a	377	Fat to cook meat: Oil spray (Pam)	Marked / Unmarked Format
Question 102a	378	Fat to cook meat: Other kinds of oil	Marked / Unmarked Format
Question 102a	379	Fat to cook meat: None of the above	Marked / Unmarked Format
Question 103	380	Frequency: Tofu, soy burgers, etc	Frequency Format #2
Question 103a	381	Portion Size: Tofu, soy burgers, etc	Size Format #1
Question 104	382	Frequency: Soups - rest of year	Frequency Format #2
Question 104a	383	Portion Size: Soup	Size Format #1
Question 104b	384	How often were the soups you ate bean soups?	Proportion Format

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Questionnaire Location	Column	Field	Coding Scheme
Question 104c	385	How often were they cream soups?	Proportion Format
Question 104d	386	How often were they tomato or vegetable soups?	Proportion Format
Question 104e	387	How often were they broth soups?	Proportion Format
Question 105	388	Frequency: Pizza	Frequency Format #2
Question 105a	389	Portion Size: Pizza	Size Format #1
Question 105b	390	How often did you eat pizza with meat toppings?	Proportion Format
Question 106	391	Frequency: Crackers	Frequency Format #2
Question 106a	392	Portion Size: Crackers	Size Format #1
Question 107	393	Frequency: Corn bread or muffins	Frequency Format #2
Question 107a	394	Portion Size: Corn bread or muffins	Size Format #1
Question 108	395	Frequency: Biscuits	Frequency Format #2
Question 108a	396	Portion Size: Biscuits	Size Format #1
Question 109	397	Frequency: Potato chips	Frequency Format #2

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Questionnaire Location	Column	Field	Coding Scheme
Question 109a	398	Portion size: Potato chips	Size Format #1
Question 109b	399	How often were the potato chips fat-free?	Proportion Format
Question 110	400	Frequency: Corn chips, tortilla chips	Frequency Format #2
Question 110a	401	Portion size: Corn chips, tortilla chips	Size Format #1
Question 110b	402	How often were the chips fat-free?	Proportion Format
Question 111	403	Frequency: Popcorn	Frequency Format #2
Question 111a	404	Portion Size: Popcorn	Size Format #1
Question 112	405	Frequency: Pretzels	Frequency Format #2
Question 112a	406	Portion Size: Pretzels	Size Format #1
Question 113	407	Frequency: Peanuts, walnuts, seeds or other nuts	Frequency Format #2
Question 113a	408	Portion Size: Peanuts, walnuts, seeds, other nuts	Size Format #1
Question 114	409	Frequency: Breakfast bars, high-energy bars	Frequency Format #2
Question 114a	410	Portion Size: Breakfast bars, high-energy bars	Size Format #1

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Questionnaire Location	Column	Field	Coding Scheme
Question 115	411	Frequency: Yogurt	Frequency Format #2
Question 115a	412	Portion Size: Yogurt	Size Format #1
Question 115b	413	How often was the yogurt low-fat or fat-free?	Proportion Format
Question 116	414	Frequency: Cottage cheese	Frequency Format #2
Question 116a	415	Portion Size: Cottage cheese	Size Format #1
Question 117	416	Frequency: Cheese	Frequency Format #2
Question 117a	417	Portion Size: Cheese	Size Format #1
Question 117b	418	How often was the cheese you ate low-fat or fat-free?	Proportion Format
Question 118	419	Frequency: Frozen yogurt, sorbet, ices	Frequency Format #2
Question 118a	420	Portion Size: Frozen yogurt, sorbet, ices	Size Format #1
Question 119	421	Frequency: Ice cream, ice cream bars, or sherbet	Frequency Format #2
Question 119a	422	Portion Size: Ice cream, ice cream bars, sherbet	Size Format #1
Question 119b	423	How often was the ice cream light, low-fat or fat-free ice cream or sherbet?	Proportion Format

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Questionnaire Location	Column	Field	Coding Scheme
Question 120	424	Frequency: Cake	Frequency Format #2
Question 120a	425	Portion Size: Cake	Size Format #1
Question 121	426	Frequency: Cookies or brownies	Frequency Format #2
Question 121a	427	Portion Size: Cookies or brownies	Size Format #1
Question 122	428	Frequency: Doughnuts, sweet rolls, Danish	Frequency Format #2
Question 122a	429	Portion Size: Doughnuts, sweet rolls, Danish	Size Format #1
Question 123	430	Frequency: Sweet muffins or dessert breads	Frequency Format #2
Question 123a	431	Portion Size: Sweet muffins or dessert breads	Size Format #1
Question 124	432	Frequency: Fruit crisp, cobbler, strudel	Frequency Format #2
Question 124a	433	Portion Size: Fruit crisp, cobbler, strudel	Size Format #1
Question 125	434	Frequency: Pie	Frequency Format #2
Question 125a	435	Portion Size: Pie	Size Format #1

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Questionnaire Location	Column	Field	Coding Scheme
Question 125b	436	How often were the pies you ate fruit pies?	Proportion Format
Question 125c	437	How often were they cream...meringue pies?	Proportion Format
Question 125d	438	How often were they pumpkin or sweet potato pies	Proportion Format
Question 125e	439	How often were the pies you ate pecan pie?	Proportion Format
Question 126	440	Frequency: Chocolate Candy	Frequency Format #2
Question 126a	441	Portion Size: Chocolate Candy	Size Format #1
Question 127	442	Frequency: Other Candy	Frequency Format #2
Question 127a	443	Portion Size: Other Candy	Size Format #1
Question 128	444	Frequency: Eggs, egg whites, or egg substitutes	Frequency Format #2
Question 128a	445	Portion Size: Eggs	Size Format #1
Question 128b	446	How often were the eggs you ate egg substitutes or eggs whites only?	Proportion Format
Question 128c	447	How often were the eggs whole eggs?	Proportion Format
Question 128d	448	How often were the eggs cooked in oil, butter, or margarine?	Proportion Format

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Questionnaire Location	Column	Field	Coding Scheme
Question 128e	449	How often were the eggs part of egg salad?	Proportion Format
Question 129	450	Frequency: Coffee	Frequency Format #4
Question 129a	451	How often was the coffee decaffeinated?	Proportion Format
Question 130	452	Frequency: Iced Tea	Frequency Format #4
Question 130a	453	How often was the iced tea decaffeinated / herbal?	Proportion Format
Question 130b	454	How often was the iced tea presweetened?	Proportion Format
Question 130c	455	What kind of sweetener in presweetened iced tea?	a = Sugar or honey b = Artificial sweeteners . = Missing * = Error
Question 131	456	Frequency: Cups of Hot Tea	Frequency Format #4
Question 131a	457	How often was the hot tea decaffeinated or herbal tea?	Proportion Format

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Questionnaire Location	Column	Field	Coding Scheme
Question 132	458	Did you add sugar, honey, or other sweeteners to tea or coffee?	a = No b = Yes . = Missing * = Error
Question 132a	459	How often was sugar or honey added to coffee or tea?	Proportion Format
Question 132b	460	Portion Size: Sugar or honey in coffee or tea	Size Format #1
Question 132c	461	How often was artificial sweetener added to coffee or tea?	Proportion Format
Question 132d	462	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 132e	463	Portion Size: Artificial sweetener in coffee or tea	Size Format #1
Question 133	464	Did you add whiteners (cream, milk, etc) to tea or coffee?	a = No b = Yes . = Missing * = Error
Question 133a	465	How often was non-dairy creamer added to coffee or tea?	Proportion Format
Question 133b	466	Portion Size: Non-dairy creamer in coffee/ tea	Size Format #1
Question 133c	467	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 133d	468	How often was cream or half and half added to coffee or tea?	Proportion Format
Question 133e	469	Portion Size: Cream or half and half in coffee or tea	Size Format #1
Question 133f	470	How often was milk added to coffee or tea?	Proportion Format

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Questionnaire Location	Column	Field	Coding Scheme
Question 133g	471	Portion Size: Milk in coffee or tea	Size Format #1
Question 133h	472	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
Question 134	473	Frequency: Sugar or honey added to foods	Frequency Format #2
Question 134a	474	Portion Size: Sugar or honey added to foods	Size Format #1
Question 135	475	Did you eat margarine (in past 12 mos.)?	a = No b = Yes . = Missing * = Error
Question 135a	476	How often was the margarine light, low-fat, or fat-free?	Proportion Format
Question 136	477	Did you eat butter (in past 12 mos.)?	a = No b = Yes . = Missing * = Error
Question 136a	478	How often was the butter you ate light or low-fat butter?	Proportion Format
Question 137	479	Did you eat mayonnaise or mayonnaise-type dressing (in past 12 mos.)?	a = No b = Yes . = Missing * = Error
Question 137a	480	How often was the mayonnaise light, low-fat or fat-free?	Proportion Format
Question 138	481	Did you eat sour cream (in past 12 mos.)?	a = No b = Yes . = Missing * = Error
Question 138a	482	How often was the sour cream light, low-fat or fat-free?	Proportion Format

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Questionnaire Location	Column	Field	Coding Scheme
Question 139	483	Did you eat cream cheese (in past 12 mos)?	a = No b = Yes . = Missing * = Error
Question 139a	484	How often was the cream cheese light, low-fat or fat-free?	Proportion Format
Question 140	485	Did you eat salad dressing (in past 12 mos.)?	a = No b = Yes . = Missing * = Error
Question 140a	486	How often was the dressing you ate light, low-fat or fat-free?	Proportion Format
Question 141	487	Frequency: Vegetables per week or per day (not including salads or potatoes)	Frequency Format #6
Question 142	488	Frequency: Fruit per week or per day	Frequency Format #6
Question 143	489	Avocado, guacamole	Marked / Unmarked Format
Question 143	490	Cheesecake	Marked / Unmarked Format
Question 143	491	Chocolate, fudge or butterscotch toppings	Marked / Unmarked Format
Question 143	492	Chow mein noodles	Marked / Unmarked Format
Question 143	493	Croissants	Marked / Unmarked Format
Question 143	494	Dried apricots	Marked / Unmarked Format
Question 143	495	Egg rolls	Marked / Unmarked Format
Question 143	496	Granola bars	Marked / Unmarked Format
Question 143	497	Hot peppers	Marked / Unmarked Format
Question 143	498	Jell-O, gelatin	Marked / Unmarked Format
Question 143	499	Mangoes	Marked / Unmarked Format
Question 143	500	Milkshakes or ice-cream sodas	Marked / Unmarked Format
Question 143	501	Olives	Marked / Unmarked Format
Question 143	502	Oysters	Marked / Unmarked Format
Question 143	503	Pickles or pickled vegetables or fruit	Marked / Unmarked Format
Question 143	504	Plantains	Marked / Unmarked Format
Question 143	505	Pork neck bones, hock, head, feet	Marked / Unmarked Format
Question 143	506	Pudding or custard	Marked / Unmarked Format
Question 143	507	Veal, venison, or lamb	Marked / Unmarked Format
Question 143	508	Whipped cream, regular	Marked / Unmarked Format
Question 143	509	Whipped cream, substitute	Marked / Unmarked Format
Question 143	510	NONE	Marked / Unmarked Format
Question 144	511	For all of the past 12 months, have you followed a Vegetarian diet?	a = No b = Yes . = Missing * = Error
Question 144a	512	Did you exclude meat?	Marked / Unmarked Format
Question 144a	513	Did you exclude poultry?	Marked / Unmarked Format
Question 144a	514	Did you exclude fish and seafood?	Marked / Unmarked Format
Question 144a	515	Did you exclude eggs?	Marked / Unmarked Format
Question 144a	516	Did you exclude dairy products?	Marked / Unmarked Format

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Questionnaire Location	Column	Field	Coding Scheme
Question 145	517	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	518	How often did you take One-a-Day-, Theragran-, or Centrum- or Prenatal-type multivitamins?	Frequency Format #7
Question 146a	519	Does your multivitamin usually contain minerals such as iron, zinc, etc.?	a = No b = Yes c = Don't know . = Missing * = Error
Question 146b	520	Did you take any vitamins or minerals other than your multivitamin (in past 12 mos.)?	a = No b = Yes . = Missing * =Error
Question 147	521	Frequency: Antacids such as Tums or Rolaids	Frequency Format #5
Question 147a	522	Amount: Antacids such as Tums or Rolaids	a = Less than 1 b = 1 c = 2 d = 3 e = 4 or more f = Don't know . = Missing * = Error
Question 147b	523	Is antacid usually "extra strength"?	a = No b = Yes c = Don't know . = Missing * =Error
Question 148	524	Frequency: Calcium	Frequency Format #5
Question 148a	525	Amount: Calcium	a = Less than 500 mg b = 500 - 599 mg c = 600 - 999 mg d = 1,000 mg or more e = Don't know . = Missing * = Error
Question 148b	526	Does Calcium usually contain Vitamin D?	a = No b = Yes c = Don't know . = Missing * =Error

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Questionnaire Location	Column	Field	Coding Scheme
Question 148c	527	Does your Calcium usually contain Magnesium?	a = No b = Yes c = Don't know . = Missing * =Error
Question 148d	528	Does your Calcium usually contain Zinc?	a = No b = Yes c = Don't know . = Missing * =Error
Question 149	529	Frequency: Iron	Frequency Format #5
Question 150	530	Frequency: Vitamin C	Frequency Format #5
Question 150a	531	Amount: Vitamin C	a = Less than 500 mg b = 500 - 999 mg c = 1,000 - 1,499 mg d = 1,500 - 1,999 mg e = 2,000 mg or more f = Don't know . = Missing * = Error
Question 151	532	Frequency: Vitamin E	Frequency Format #5
Question 151a	533	Amount: Vitamin E	a = Less than 400 IU b = 400 - 799 IU c = 800 - 999 IU d = 1,000 IU or more e = Don't know . = Missing * = Error
Question 152	534	B-6	Marked / Unmarked Format
Question 152	535	B-complex	Marked / Unmarked Format
Question 152	536	B-12	Marked / Unmarked Format
Question 152	537	Beta-carotene	Marked / Unmarked Format
Question 152	538	Folic acid / folate	Marked / Unmarked Format
Question 152	539	Magnesium	Marked / Unmarked Format
Question 152	540	Occu-vite / Eye health	Marked / Unmarked Format
Question 152	541	Potassium	Marked / Unmarked Format
Question 152	542	Selenium	Marked / Unmarked Format
Question 152	543	Vitamin A	Marked / Unmarked Format
Question 152	544	Vitamin D	Marked / Unmarked Format
Question 152	545	Zinc	Marked / Unmarked Format
Question 153	546	Chondroitin	Marked / Unmarked Format
Question 153	547	Coenzyme Q-10	Marked / Unmarked Format
Question 153	548	Echinacea	Marked / Unmarked Format
Question 153	549	Energy supplements	Marked / Unmarked Format
Question 153	550	Fish oil / Omega-3's	Marked / Unmarked Format
Question 153	551	Flaxseed / oil	Marked / Unmarked Format
Question 153	552	Garlic	Marked / Unmarked Format
Question 153	553	Ginger	Marked / Unmarked Format
Question 153	554	Ginkgo biloba	Marked / Unmarked Format
Question 153	555	Ginseng	Marked / Unmarked Format
Question 153	556	Glucosamine / chondroitin	Marked / Unmarked Format

**Coding Manual for the 2010 NCI Diet History Questionnaire II
One-Month with Serving Sizes Version
DHQ2.2010.OSC, DHQ2.2010.Teleform, DHQ2.2010.Keypunch**

Questionnaire Location	Column	Field	Coding Scheme
Question 153	557	Peppermint	Marked / Unmarked Format
Question 153	558	Probiotics	Marked / Unmarked Format
Question 153	559	Saw palmetto	Marked / Unmarked Format
Question 153	560	Soy supplement	Marked / Unmarked Format
Question 153	561	Sports supplements	Marked / Unmarked Format
Question 153	562	St. John's wort	Marked / Unmarked Format
Question 153	563	Other	Marked / Unmarked Format