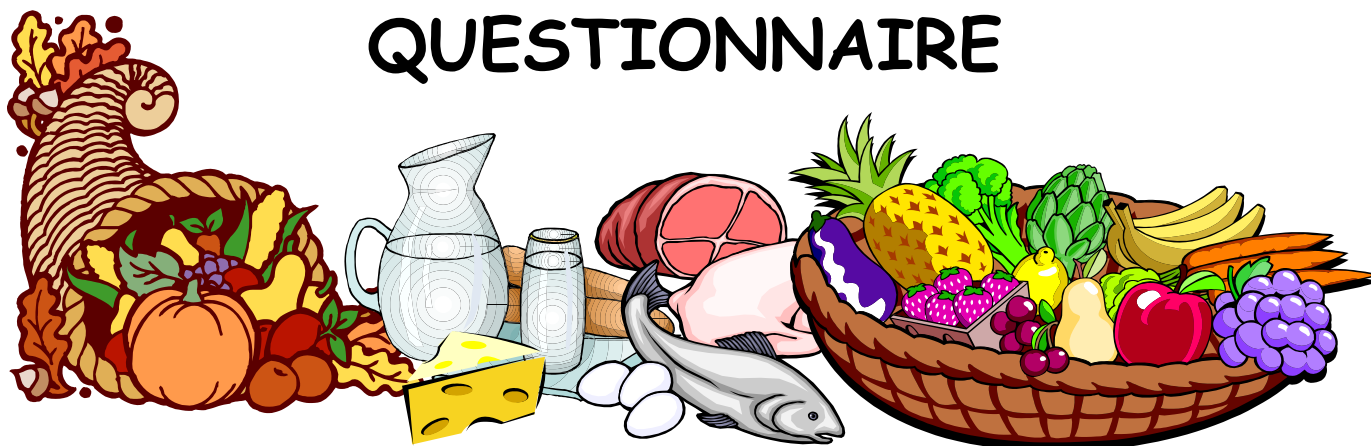


A research initiative of the Alberta Cancer Board  
Adapted from the National Institutes of Health Diet History Questionnaire

# DIET HISTORY QUESTIONNAIRE



## GENERAL INSTRUCTIONS

- Answer each question as best you can. If you are not sure, please estimate. A guess is better than leaving a blank.
- **Shade** bubbles like this: ●
- If you make a mistake, put an X through the incorrect bubble.
- Please use a pencil or ball point pen, not a felt pen.
- If you fill **NEVER** or **NO** for a question, please follow any arrows or instructions that direct you to the next question.

Please fill in the corresponding bubble for your gender below.

Gender 0 ☐ **MALE**

1 ☐ **FEMALE**

The questions in the Diet History Questionnaire use measurements like cups, ounces, tablespoons and teaspoons. Refer below to convert these measurements to their metric equivalents.

1 cup = 240 mL  
1 ounce = 30 mL

1 tablespoon = 15 mL  
1 teaspoon = 5 mL



1. Over the past 12 months, how often did you drink **tomato juice** or **vegetable juice**? **TJ1**

☐ NEVER (GO TO QUESTION 2)

**TJNever1**

- |  |   |
|--|---|
| <input type="radio"/> 1 time per month or less | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 2-3 times per month      | <input type="radio"/> 2-3 times per day       |
| <input type="radio"/> 1-2 times per week       | <input type="radio"/> 4-5 times per day       |
| <input type="radio"/> 3-4 times per week       | <input type="radio"/> 6 or more times per day |
| <input type="radio"/> 5-6 times per week       |   |

1a. Each time you drank **tomato juice** or **vegetable juice**, how much did you usually drink? **TJ1a**

- ☐ Less than 3/4 cup (6 ounces)  
☐ 3/4 to 1 1/4 cups (6 to 10 ounces)  
☐ More than 1 1/4 cups (10 ounces)

2. Over the past 12 months, how often did you drink **orange juice** or **grapefruit juice**? **OJ2**

☐ NEVER (GO TO QUESTION 3)

**OJNever2**

- |  |   |
|--|---|
| <input type="radio"/> 1 time per month or less | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 2-3 times per month      | <input type="radio"/> 2-3 times per day       |
| <input type="radio"/> 1-2 times per week       | <input type="radio"/> 4-5 times per day       |
| <input type="radio"/> 3-4 times per week       | <input type="radio"/> 6 or more times per day |
| <input type="radio"/> 5-6 times per week       |   |

2a. Each time you drank **orange juice** or **grapefruit juice**, how much did you usually drink? **OJ2a**

- ☐ Less than 3/4 cup (6 ounces)  
☐ 3/4 to 1 1/4 cups (6 to 10 ounces)  
☐ More than 1 1/4 cups (10 ounces)

2b. How often was the juice fortified with **Calcium**?

- ☐ Almost never or never **OJ2b**  
☐ About 1/4 of the time  
☐ About 1/2 the time  
☐ About 3/4 of the time  
☐ Almost always or always

3. Over the past 12 months, how often did you drink **other 100% fruit juice** or **100% fruit juice mixtures** (such as apple, grape, pineapple, or others)? **FJ3**

☐ NEVER (GO TO QUESTION 4)

**FJNever3**

- |  |   |
|--|---|
| <input type="radio"/> 1 time per month or less | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 2-3 times per month      | <input type="radio"/> 2-3 times per day       |
| <input type="radio"/> 1-2 times per week       | <input type="radio"/> 4-5 times per day       |
| <input type="radio"/> 3-4 times per week       | <input type="radio"/> 6 or more times per day |
| <input type="radio"/> 5-6 times per week       |   |

Question 4 appears in the next column.

Over the past 12 months...

3a. Each time you drank **other fruit juice** or **fruit juice mixtures**, how much did you usually drink? **FJ3a**

- ☐ Less than 3/4 cup (6 ounces)  
☐ 3/4 to 1 1/2 cups (6 to 12 ounces)  
☐ More than 1 1/2 cups (12 ounces)

4. How often did you drink other **fruit drinks** (such as cranberry cocktail, fruit punch, lemonade, or Kool-Aid, diet or regular)? **FD4**

☐ NEVER (GO TO QUESTION 5)

**FDNever4**

- |  |   |
|--|---|
| <input type="radio"/> 1 time per month or less | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 2-3 times per month      | <input type="radio"/> 2-3 times per day       |
| <input type="radio"/> 1-2 times per week       | <input type="radio"/> 4-5 times per day       |
| <input type="radio"/> 3-4 times per week       | <input type="radio"/> 6 or more times per day |
| <input type="radio"/> 5-6 times per week       |   |

4a. Each time you drank **fruit drinks**, how much did you usually drink? **FD4a**

- ☐ Less than 1 cup (8 ounces)  
☐ 1 to 2 cups (8 to 16 ounces)  
☐ More than 2 cups (16 ounces)

4b. How often were your fruit drinks **diet** or **sugar-free drinks**? **FD4b**

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 the time  
☐ About 3/4 of the time  
☐ Almost always or always

5. How often did you drink **milk as a beverage** NOT in coffee, NOT in cereal? (Please include chocolate milk and hot chocolate.) **MILK5**

☐ NEVER (GO TO QUESTION 6)

**MILKNever5**

- |  |   |
|--|---|
| <input type="radio"/> 1 time per month or less | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 2-3 times per month      | <input type="radio"/> 2-3 times per day       |
| <input type="radio"/> 1-2 times per week       | <input type="radio"/> 4-5 times per day       |
| <input type="radio"/> 3-4 times per week       | <input type="radio"/> 6 or more times per day |
| <input type="radio"/> 5-6 times per week       |   |

5a. Each time you drank **milk as a beverage**, how much did you usually drink? **MILK5a**

- ☐ Less than 1 cup (8 ounces)  
☐ 1 to 1 1/2 cups (8 to 12 ounces)  
☐ More than 1 1/2 cups (12 ounces)

Question 6 appears on the next page.

63017

5b. What kind of **milk** did you usually drink?

- ☐ Whole milk
- ☐ 2% fat milk
- ☐ 1 % fat milk
- ☐ Skim, nonfat, or 1/2 % fat milk
- ☐ Soy milk
- ☐ Rice milk
- ☐ Other

MILK5b

6. How often did you drink **meal replacement, energy, or high-protein beverages** such as Instant Breakfast, Ensure, Slimfast, Boost or others?

MR6

☐ NEVER (GO TO QUESTION 7)

MRNever6

- ☐ 1 time per month or less
- ☐ 2-3 times per month
- ☐ 1-2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2-3 times per day
- ☐ 4-5 times per day
- ☐ 6 or more times per day

6a. Each time you drank **meal replacement beverages**, how much did you usually drink?

MR6a

- ☐ Less than 1 cup (8 ounces)
- ☐ 1 to 1 1/2 cups (8 to 12 ounces)
- ☐ More than 1 1/2 cups (12 ounces)

7. Over the past 12 months, did you drink **soft drinks or pop**?

☐ NO (GO TO QUESTION 8) SDNo7

☐ YES

7a. How often did you drink **soft drinks or pop IN THE SUMMER**?

☐ NEVER SDNever7a

- ☐ 1 time per month or less
- ☐ 2-3 times per month
- ☐ 1-2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2-3 times per day
- ☐ 4-5 times per day
- ☐ 6 or more times per day

SD7a

7b. How often did you drink **soft drinks or pop DURING THE REST OF THE YEAR**?

☐ NEVER SDNever7b

- ☐ 1 time per month or less
- ☐ 2-3 times per month
- ☐ 1-2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2-3 times per day
- ☐ 4-5 times per day
- ☐ 6 or more times per day

SD7b

Question 8 appears in the next column.

7c. Each time you drank **soft drinks or pop**, how much did you usually drink?

- ☐ Less than 12 ounces or less than 1 can or bottle
- ☐ 12 to 16 ounces or 1 can or bottle
- ☐ More than 16 ounces or more than 1 can or bottle

SD7c

7d. How often were these soft drinks or pop **diet or sugar-free**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

SD7d

7e. How often were these soft drinks or pop **caffeine-free**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

SD7e

8. Over the past 12 months, did you drink **beer**? (Please do not include non-alcoholic beer.)

☐ NO (GO TO QUESTION 9) BeerNo8

☐ YES

8a. How often did you drink **beer IN THE SUMMER**?

☐ NEVER BeerNever8a

- ☐ 1 time per month or less
- ☐ 2-3 times per month
- ☐ 1-2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2-3 times per day
- ☐ 4-5 times per day
- ☐ 6 or more times per day

Beer8a

8b. How often did you drink **beer DURING THE REST OF THE YEAR**?

☐ NEVER BeerNever8b

- ☐ 1 time per month or less
- ☐ 2-3 times per month
- ☐ 1-2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2-3 times per day
- ☐ 4-5 times per day
- ☐ 6 or more times per day

Beer8b

Question 9 appears on the next page.

Over the past 12 months...

8c. Each time you drank **beer**, how much did you usually drink?

- ☐ Less than a 12-ounce can or bottle
- ☐ 1 to 3 12-ounce cans or bottles
- ☐ More than 3 12-ounce cans or bottles

**Beer8c**

9. How often did you drink **wine** or **wine coolers**?

☐ NEVER (GO TO QUESTION 10) **WCNever9**

- ☐ 1 time per month or less
- ☐ 2-3 times per month
- ☐ 1-2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2-3 times per day
- ☐ 4-5 times per day
- ☐ 6 or more times per day

**WC9**

9a. Each time you drank **wine** or **wine coolers**, how much did you usually drink?

- ☐ Less than 5 ounces or less than 1 glass
- ☐ 5 to 12 ounces or 1 to 2 glasses
- ☐ More than 12 ounces or more than 2 glasses

**WC9a**

10. How often did you drink **liquor** or **mixed drinks**?

☐ NEVER (GO TO QUESTION 11) **LMDNever10**

- ☐ 1 time per month or less
- ☐ 2-3 times per month
- ☐ 1-2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2-3 times per day
- ☐ 4-5 times per day
- ☐ 6 or more times per day

**LMD10**

10a. Each time you drank **liquor** or **mixed drinks**, how much did you usually drink?

- ☐ Less than 1 shot of liquor
- ☐ 1 to 3 shots of liquor
- ☐ More than 3 shots of liquor

**LMD10a**

11. Over the past 12 months, did you eat **oatmeal**, **cream of wheat** or **other cooked cereal**?

☐ NO (GO TO QUESTION 12) **OMNo11**

☐ YES

**Question 11a appears at top of the next column.**

**Question 12 appears in the next column.**

11a. How often did you eat **oatmeal**, **cream of wheat** or **other cooked cereal** **IN THE WINTER**?

☐ NEVER **OMNever11a**

- ☐ 1-6 times per winter
- ☐ 7-11 times per winter
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

11b. How often did you eat oatmeal, **cream of wheat** or **other cooked cereal** **DURING THE REST OF THE YEAR**?

☐ NEVER **OMNever11b**

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

**OM11b**

11c. Each time you ate **oatmeal**, **cream of wheat** or **other cooked cereal** how much did you usually eat?

- ☐ Less than 3/4 cups
- ☐ 3/4 to 1 1/4 cups
- ☐ More than 1 1/4 cups

**OM11c**

12. How often did you eat **cold cereal**?

☐ NEVER (GO TO QUESTION 13) **CCnever12**

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

**CC12**

12a. Each time you ate **cold cereal**, how much did you usually eat?

- ☐ Less than 1 cup
- ☐ 1 to 2 1/2 cups
- ☐ More than 2 1/2 cups

**CC12a**

12b. How often was the cold cereal you ate **All Bran**, **Fiber One**, **100% Bran**, or **Bran Buds**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

**CC12b**

**Question 13 appears on the next page.**



Over the past 12 months...

- 12c. How often was the cold cereal you ate **some other bran or fiber cereal** (such as Cheerios, Shredded Wheat, Raisin Bran, Bran Flakes, Grape Nuts, Granola or Mini-Wheats)?

☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

CC12c

- 12d. How often was the cold cereal you ate any **other type of cold cereal** (such as Corn Flakes, Rice Krispies, Frosted Flakes, Special K, Froot Loops, Cap'n Crunch, or others)?

☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

CC12d

- 12e. Was **milk** added to your cold cereal?

☐ NO (GO TO QUESTION 13) CCNo12e

☐ YES

- 12f. What kind of **milk** was usually added?

☐ Whole milk  
☐ 2% fat milk  
☐ 1% fat milk  
☐ Skim, nonfat, or 1/2 % fat milk  
☐ Soy milk  
☐ Rice milk  
☐ Other

CC12f

- 12g. Each time **milk was added to your cold cereal**, how much was usually added?

☐ Less than 1/2 cup  
☐ 1/2 to 1 cup  
☐ More than 1 cup

CC12g

13. How often did you eat **applesauce**?

☐ NEVER (GO TO QUESTION 14) ASNever13

☐ 1-6 times per year      ☐ 2 times per week  
☐ 7-11 times per year      ☐ 3-4 times per week  
☐ 1 time per month      ☐ 5-6 times per week  
☐ 2-3 times per month      ☐ 1 time per day  
☐ 1 time per week      ☐ 2 or more times per day

AS13

Question 14 appears in the next column.

- 13a. Each time you ate **applesauce**, how much did you usually eat?

☐ Less than 1/2 cup  
☐ 1/2 to 1 cup  
☐ More than 1 cup

AS13a

14. How often did you eat **apples**?

☐ NEVER (GO TO QUESTION 15) APNever14

☐ 1-6 times per year      ☐ 2 times per week  
☐ 7-11 times per year      ☐ 3-4 times per week  
☐ 1 time per month      ☐ 5-6 times per week  
☐ 2-3 times per month      ☐ 1 time per day  
☐ 1 time per week      ☐ 2 or more times per day

AP14

- 14a. Each time you ate **apples**, how many did you usually eat?

☐ Less than 1 apple  
☐ 1 apple  
☐ More than 1 apple

AP14a

15. How often did you eat **pears** (fresh, canned, or frozen)?

☐ NEVER (GO TO QUESTION 16) PENever15

☐ 1-6 times per year      ☐ 2 times per week  
☐ 7-11 times per year      ☐ 3-4 times per week  
☐ 1 time per month      ☐ 5-6 times per week  
☐ 2-3 times per month      ☐ 1 time per day  
☐ 1 time per week      ☐ 2 or more times per day

PE15

- 15a. Each time you ate **pears**, how many did you usually eat?

☐ Less than 1 pear  
☐ 1 pear  
☐ More than 1 pear

PE15a

16. How often did you eat **bananas**?

☐ NEVER (GO TO QUESTION 17) BANever16

☐ 1-6 times per year      ☐ 2 times per week  
☐ 7-11 times per year      ☐ 3-4 times per week  
☐ 1 time per month      ☐ 5-6 times per week  
☐ 2-3 times per month      ☐ 1 time per day  
☐ 1 time per week      ☐ 2 or more times per day

BA16

Question 17 appears on the next page.

Over the past 12 months...

16a. Each time you ate **bananas**, how many did you usually eat?

- ☐ Less than 1 banana
- ☐ 1 banana
- ☐ More than 1 banana

**BA16a**

17. How often did you eat **dried fruit**, such as prunes or raisins (not including dried apricots)?

☐ NEVER (GO TO QUESTION 18) **DFNever17**

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

**DF17**

17a. Each time you ate **dried fruit**, how much did you usually eat (not including dried apricots)?

- ☐ Less than 2 tablespoons
- ☐ 2 to 5 tablespoons
- ☐ More than 5 tablespoons

**DF17a**

18. Over the past 12 months, did you eat **peaches, nectarines or plums**?

☐ NO (GO TO QUESTION 19) **PNNNo18**

☐ YES

18a. How often did you eat **fresh peaches, nectarines, or plums** WHEN IN SEASON?

- ☐ NEVER **PNNNever18a**
- ☐ 1-6 times per season
- ☐ 7-11 times per season
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

**PN18a**

18b. How often did you eat **peaches, nectarines, or plums** (fresh, canned or frozen) **DURING THE REST OF THE YEAR**?

- ☐ NEVER **PNNNever18b**
- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

**PN18b**

Question 19 appears in the next column.

18c. Each time you ate **peaches, nectarines, or plums**, how much did you usually eat?

- ☐ Less than 1 fruit or less than 1/2 cup
- ☐ 1 to 2 fruits or 1/2 to 3/4 cup
- ☐ More than 2 fruits or more than 3/4 cup

**PN18c**

19. How often did you eat **grapes**?

☐ NEVER (GO TO QUESTION 20) **GRNever19**

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

**GR19**

19a. Each time you ate **grapes**, how much did you usually eat?

- ☐ Less than 1/2 cup or less than 10 grapes
- ☐ 1/2 to 1 cup or 10 to 30 grapes
- ☐ More than 1 cup or more than 30 grapes

**GR19a**

20. Over the past 12 months, did you eat **cantaloupe**?

☐ NO (GO TO QUESTION 21) **CANo20**

☐ YES

20a. How often did you eat **fresh cantaloupe** **WHEN IN SEASON**?

- ☐ NEVER **CANever20a**
- ☐ 1-6 times per season
- ☐ 7-11 times per season
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

**CA20a**

20b. How often did you eat **fresh or frozen cantaloupe** **DURING THE REST OF THE YEAR**?

- ☐ NEVER **CANever20b**
- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

**CA20b**

Question 21 appears on the next page.



**Over the past 12 months...**

20c. Each time you ate **cantaloupe**, how much did you usually eat?

- ☐ Less than 1/4 melon or less than 1/2 cup
- ☐ 1/4 melon or 1/2 to 1 cup
- ☐ More than 1/4 melon or more than 1 cup

**CA20c**

21. Over the past 12 months, did you eat **melon, other than cantaloupe** (such as watermelon or honeydew)?

☐ NO (GO TO QUESTION 22) **MENo21**

☐ YES

21a. How often did you eat **fresh melon, other than cantaloupe** (such as watermelon or honeydew) **WHEN IN SEASON?**

- ☐ NEVER **MENever21a**
- ☐ 1-6 times per season    ☐ 2 times per week
- ☐ 7-11 times per season    ☐ 3-4 times per week
- ☐ 1 time per month        ☐ 5-6 times per week
- ☐ 2-3 times per month    ☐ 1 time per day
- ☐ 1 time per week        ☐ 2 or more times per day

**ME21a**

21b. How often did you eat **fresh or frozen melon, other than cantaloupe, DURING THE REST OF THE YEAR ?**

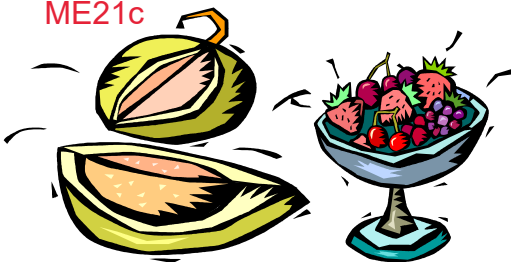
- ☐ NEVER **MENever21b**
- ☐ 1-6 times per year        ☐ 2 times per week
- ☐ 7-11 times per year    ☐ 3-4 times per week
- ☐ 1 time per month        ☐ 5-6 times per week
- ☐ 2-3 times per month    ☐ 1 time per day
- ☐ 1 time per week        ☐ 2 or more times per day

**ME21b**

21c. Each time you ate **melon other than cantaloupe**, how much did you usually eat?

- ☐ Less than 1/2 cup or 1 small wedge
- ☐ 1/2 to 2 cups or 1 medium wedge
- ☐ More than 2 cups or 1 large wedge

**ME21c**



**Question 22 appears in the next column.**

22. Over the past 12 months, did you eat **strawberries**?

☐ NO (GO TO QUESTION 23) **SBNNo22**

☐ YES

22a. How often did you eat **fresh strawberries WHEN IN SEASON?**

- ☐ NEVER **SBNever22a**
- ☐ 1-6 times per season    ☐ 2 times per week
- ☐ 7-11 times per season    ☐ 3-4 times per week
- ☐ 1 time per month        ☐ 5-6 times per week
- ☐ 2-3 times per month    ☐ 1 time per day
- ☐ 1 time per week        ☐ 2 or more times per day

22b. How often did you eat **fresh or frozen strawberries, DURING THE REST OF THE YEAR ?**

- ☐ NEVER **SBNever22b**
- ☐ 1-6 times per year        ☐ 2 times per week
- ☐ 7-11 times per year    ☐ 3-4 times per week
- ☐ 1 time per month        ☐ 5-6 times per week
- ☐ 2-3 times per month    ☐ 1 time per day
- ☐ 1 time per week        ☐ 2 or more times per day

**SB22b**

22c. Each time you ate **strawberries**, how much did you usually eat?

- ☐ Less than 1/4 cup or less than 3 berries
- ☐ 1/4 to 3/4 cup or 3 to 8 berries
- ☐ More than 3/4 cup or more than 8 berries

**SB22c**

23. Over the past 12 months, did you eat **oranges, tangerines, or tangelos**?

☐ NO (GO TO QUESTION 24) **ORNo23**

☐ YES

23a. How often did you eat **oranges, tangerines, or tangelos WHEN IN SEASON?**

- ☐ NEVER **ORNever23a**
- ☐ 1-6 times per season    ☐ 2 times per week
- ☐ 7-11 times per season    ☐ 3-4 times per week
- ☐ 1 time per month        ☐ 5-6 times per week
- ☐ 2-3 times per month    ☐ 1 time per day
- ☐ 1 time per week        ☐ 2 or more times per day

**OR23a**

**Question 24 appears on the next page.**

63017

Over the past 12 months...

23b. How often did you eat **oranges, tangerines, or tangelos** (fresh or canned) **DURING THE REST OF THE YEAR** ?

☐ NEVER **ORNever23b**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |
- OR23b**

23c. Each time you ate **oranges, tangerines, or tangelos**, how many did you usually eat?

- ☐ Less than 1 fruit **OR23c**
- ☐ 1 fruit
- ☐ More than 1 fruit

24. Over the past 12 months, did you eat **grapefruit**?

☐ NO (GO TO QUESTION 25) **GFNo24**

☐ YES

24a. How often did you eat **fresh grapefruit WHEN IN SEASON**?

☐ NEVER **GFNever24a**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per season  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per season | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month      | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month   | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week       | <input type="radio"/> 2 or more times per day |
- GF24a**

24b. How often did you eat **grapefruit** (fresh or canned) **DURING THE REST OF THE YEAR**?

☐ NEVER **GFNever24b**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |
- GF24b**

24c. Each time you ate **grapefruit**, how much did you usually eat?

- ☐ Less than 1/2 grapefruit
- ☐ 1/2 grapefruit
- ☐ More than 1/2 grapefruit
- GF24c**

**Question 25 appears in the next column.**

25. How often did you eat **other kinds of fruit**?

☐ NEVER (GO TO QUESTION 26) **KFNever25**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |
- KF25**

25a. Each time you ate **other kinds of fruit**, how much did you usually eat?

- ☐ Less than 1/4 cup
- ☐ 1/4 to 3/4 cup
- ☐ More than 3/4 cup
- KF25a**

26. How often did you eat **COOKED greens** (such as spinach, chard, or kale)?

☐ NEVER (GO TO QUESTION 27) **CGNever26**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

26a. Each time you ate **COOKED greens**, how much did you usually eat?

- ☐ Less than 1/2 cup
- ☐ 1/2 to 1 cup
- ☐ More than 1 cup
- CG26a**

27. How often did you eat **RAW greens** (such as spinach, chard, or kale)? *(We will ask about lettuce later.)*

☐ NEVER (GO TO QUESTION 28) **RGNever27**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

27a. Each time you ate **RAW greens**, how much did you usually eat?

- ☐ Less than 1/2 cup
- ☐ 1/2 to 1 cup
- ☐ More than 1 cup
- RG27a**

**Question 28 appears on the next page.**



Over the past 12 months...

28. How often did you eat **coleslaw**?

☐ NEVER (GO TO QUESTION 29) **CSNever28**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**CS28**

28a. Each time you ate **coleslaw**, how much did you usually eat?

- ☐ Less than 1/4 cup
- ☐ 1/4 to 3/4 cup
- ☐ More than 3/4 cup

**CS28a**

29. How often did you eat **sauerkraut** or **cabbage** (other than coleslaw)?

☐ NEVER (GO TO QUESTION 30) **SCNever29**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**SC29**

29a. Each time you ate **cabbage** or **sauerkraut**, how much did you usually eat?

- ☐ Less than 1/4 cup
- ☐ 1/4 to 1 cup
- ☐ More than 1 cup

**SC29a**

30. How often did you eat **carrots** (fresh, canned, or frozen)?

☐ NEVER (GO TO QUESTION 31) **CTNever30**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**CT30**

30a. Each time you ate **carrots**, how much did you usually eat?

- ☐ Less than 1/4 cup or less than 2 baby carrots
- ☐ 1/4 to 1/2 cup or 2 to 5 baby carrots
- ☐ More than 1/2 cup or more than 5 baby carrots

**CT30a**

Question 31 appears in the next column.

31. How often did you eat **string beans** or **green beans** (fresh, canned, or frozen)?

☐ NEVER (GO TO QUESTION 32) **SGNever31**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**SG31**

31a. Each time you ate **string beans** or **green beans**, how much did you usually eat?

- ☐ Less than 1/2 cup
- ☐ 1/2 to 1 cup
- ☐ More than 1 cup **SG31a**

32. How often did you eat **peas** (fresh, canned or frozen)?

☐ NEVER (GO TO QUESTION 33) **PSNever32**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**PS32**

32a. Each time you ate **peas**, how much did you usually eat?

- ☐ Less than 1/4 cup
- ☐ 1/4 to 3/4 cup
- ☐ More than 3/4 cup

**PS32a**

33. Over the past 12 months, did you eat **corn**?

☐ NO (GO TO QUESTION 34) **CNNo33**

☐ YES

33a. How often did you eat **fresh corn** **WHEN IN SEASON**?

☐ NEVER **CNNever33a**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per season  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per season | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month      | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month   | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week       | <input type="radio"/> 2 or more times per day |

**CN33a**

Question 34 appears on the next page.



Over the past 12 months...

33b. How often did you eat **corn** (fresh, canned, or frozen) **DURING THE REST OF THE YEAR?**

☐ NEVER **CNNever33b**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**CN33b**

33c. Each time you ate **corn**, how much did you usually eat?

- ☐ Less than 1 ear or less than 1/2 cup
- ☐ 1 ear or 1/2 to 1 cup
- ☐ More than 1 ear or more than 1 cup

**CN33c**

34. Over the past 12 months how often did you eat **broccoli** (fresh or frozen)?

☐ NEVER (GO TO QUESTION 35) **BINever34**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**BI34**

34a. Each time you ate **broccoli**, how much did you usually eat?

- ☐ Less than 1/4 cup
- ☐ 1/4 to 1 cup
- ☐ More than 1 cup

**BI34a**

35. How often did you eat **cauliflower** or **brussels sprouts** (fresh or frozen)?

☐ NEVER (GO TO QUESTION 36) **CBNever35**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**CB35**

35a. Each time you ate **cauliflower** or **brussels sprouts**, how much did you usually eat?

- ☐ Less than 1/4 cup
- ☐ 1/4 to 1/2 cup
- ☐ More than 1/2 cup **CB35a**

Question 36 appears in the next column.

36. How often did you eat **mixed vegetables**?

☐ NEVER (GO TO QUESTION 37) **VGNever36**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**VG36**

36a. Each time you ate **mixed vegetables**, how much did you usually eat?

- ☐ Less than 1/2 cup
- ☐ 1/2 to 1 cup
- ☐ More than 1 cup

**VG36a**

37. How often did you eat **onions**?

☐ NEVER (GO TO QUESTION 38) **ONNever37**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**ON37**

37a. Each time you ate **onions**, how much did you usually eat?

- ☐ Less than 1 slice or less than 1 tablespoon
- ☐ 1 slice or 1 to 4 tablespoons
- ☐ More than 1 slice or more than 4 tablespoons

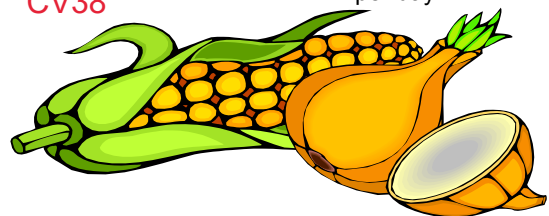
**ON37a**

38. Now think about all the **cooked vegetables** you ate in the past 12 months and how they were prepared. How often were your vegetables **COOKED WITH** some sort of **fat**, including oil spray? (*Please do not include potatoes.*)

☐ NEVER (GO TO QUESTION 39) **CVNever38**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**CV38**



Question 39 appears on the next page.

Over the past 12 months...

38a. Which fats were usually added to your vegetables **DURING COOKING**? (Please do not include potatoes. Mark as many as apply.)

- |   |  |
|---|--|
| <input type="radio"/> Margarine (including low-fat) | <input type="radio"/> Corn oil                         |
| <input type="radio"/> Butter (including low-fat)    | <input type="radio"/> Canola or rapeseed oil           |
| <input type="radio"/> Lard, or bacon fat            | <input type="radio"/> Oil spray, such as Pam or others |
| <input type="radio"/> Olive oil                     | <input type="radio"/> Other kinds of oils              |
|   | <input type="radio"/> None of the above                |

CV38a

39. Now, thinking again about all the **cooked vegetables** you ate in the past 12 months, how often was some sort of fat, sauce, or dressing added **AFTER COOKING OR AT THE TABLE**? (Please do not include potatoes.)

- ☐ NEVER (GO TO QUESTION 40) ACNever39
- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 2 times per day         |
| <input type="radio"/> 1-2 times per week  | <input type="radio"/> 3 or more times per day |

AC39

39a. Which fats, sauces, or dressings were usually added **AFTER COOKING OR AT THE TABLE**? (Please do not include potatoes. Mark as many as apply.)

- |   |                                      |
|---|--------------------------------------|
| <input type="radio"/> Margarine (including low-fat) | <input type="radio"/> Salad dressing |
| <input type="radio"/> Butter (including low-fat)    | <input type="radio"/> Cheese sauce   |
| <input type="radio"/> Lard, or bacon fat            | <input type="radio"/> White sauce    |
|   | <input type="radio"/> Other          |

AC39a

39b. If margarine, butter, lard, fatback, or bacon fat was added to your cooked vegetables **AFTER COOKING OR AT THE TABLE**, how much did you usually add?

- ☐ Did not usually add these
- ☐ Less than 1 teaspoon
- ☐ 1 to 3 teaspoons
- ☐ More than 3 teaspoons

AC39b

39c. If salad dressing, cheese sauce, or white sauce was added to your cooked vegetables **AFTER COOKING OR AT THE TABLE**, how much did you usually add?

- ☐ Did not usually add these
- ☐ Less than 1 tablespoon
- ☐ 1 to 3 tablespoons
- ☐ More than 3 tablespoons

AC39c

Question 40 appears in the next column.

40. Over the past 12 months how often did you eat **sweet peppers** (green, red, or yellow)?

☐ NEVER (GO TO QUESTION 41) SPNever40

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

SP40

40a. Each time you ate **sweet peppers**, how much did you usually eat?

- ☐ Less than 1/8 pepper
- ☐ 1/8 to 1/4 pepper
- ☐ More than 1/4 pepper

SP40a

41. Over the past 12 months did you eat **fresh tomatoes** (including those in salads)?

☐ NO (GO TO QUESTION 42) FTNo41

☐ YES

41a. How often did you eat **fresh tomatoes** (including those in salads) **WHEN IN SEASON**?

- ☐ NEVER FTNever41a
- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per season  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per season | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month      | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month   | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week       | <input type="radio"/> 2 or more times per day |

FT41a

41b. How often did you eat **fresh tomatoes** (including those in salads) **DURING THE REST OF THE YEAR**?

- ☐ NEVER FTNever41b
- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

FT41b

41c. Each time you ate **fresh tomatoes**, how much did you usually eat?

- ☐ Less than 1/4 tomato
- ☐ 1/4 to 1/2 tomato
- ☐ More than 1/2 tomato

FT41c

Question 42 appears on the next page.



**Over the past 12 months...**

42. How often did you eat **lettuce salads** (with or without other vegetables)?

☐ NEVER (GO TO QUESTION 43) LSNever42

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

LS42

- 42a. Each time you ate **lettuce salads**, how much did you usually eat?

- ☐ Less than 1/4 cup  
☐ 1/4 to 1 1/4 cups  
☐ More than 1 1/4 cups

LS42a

43. How often did you eat **salad dressing** (including low-fat) on salads?

☐ NEVER (GO TO QUESTION 44) SANever43

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

SA43

- 43a. Each time you ate **salad dressing** on salads, how much did you usually eat?

- ☐ Less than 2 tablespoons  
☐ 2 to 4 tablespoons  
☐ More than 4 tablespoons

SA43a

44. How often did you eat **sweet potatoes** or **yams**?

☐ NEVER (GO TO QUESTION 45) SYNever44

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

SY44

- 44a. Each time you ate **sweet potatoes** or **yams**, how much did you usually eat?

- ☐ 1 small potato or less than 1/4 cup  
☐ 1 medium potato or 1/4 to 3/4 cup  
☐ 1 large potato or more than 3/4 cup

SY44a

Question 45 appears in the next column.

45. How often did you eat **French fries, home fries, hash browned potatoes, or tater tots**?

☐ NEVER (GO TO QUESTION 46) FFNever45

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

FF45

- 45a. Each time you ate **French fries, home fries, hash browned potatoes, or tater tots** how much did you usually eat?

- ☐ Less than 10 fries or less than 1/2 cup  
☐ 10 to 25 fries or 1/2 to 1 cup  
☐ More than 25 fries or more than 1 cup

FF45a

46. How often did you eat **potato salad**?

☐ NEVER (GO TO QUESTION 47) PONever46

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

PO46

- 46a. Each time you ate **potato salad**, how much did you usually eat?

- ☐ Less than 1/2 cup  
☐ 1/2 to 1 cup  
☐ More than 1 cup

PO46a

47. How often did you eat **baked, boiled, or mashed potatoes**?

☐ NEVER (GO TO QUESTION 48) BBNever47

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

BB47

- 47a. Each time you ate **baked, boiled, or mashed potatoes**, how much did you usually eat?

- ☐ 1 small potato or less than 1/2 cup  
☐ 1 medium potato or 1/2 to 1 cup  
☐ 1 large potato or more than 1 cup

BB47a

Question 48 appears on the next page.



Over the past 12 months...

- 47b. How often was **sour cream** (including low-fat) added to your potatoes, **EITHER IN COOKING OR AT THE TABLE**?

☐ Almost never or never (GO TO QUESTION 47d)  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

BB47b

- 47c. Each time **sour cream** was added to your potatoes, how much was usually added?

☐ Less than 1 tablespoon  
☐ 1 to 3 tablespoons  
☐ More than 3 tablespoons

BB47c

- 47d. How often was **margarine** (including low-fat) added to your potatoes, **EITHER IN COOKING OR AT THE TABLE**?

☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

BB47d

- 47e. How often was **butter** (including low-fat) added to your potatoes, **EITHER IN COOKING OR AT THE TABLE**?

☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

BB47e

- 47f. Each time **margarine** or **butter** was added to your potatoes, how much was usually added?

☐ Never added  
☐ Less than 1 teaspoon  
☐ 1 to 3 teaspoons  
☐ More than 3 teaspoons

BB47f

- 47g. How often was **cheese** or **cheese sauce** added to your potatoes, **EITHER IN COOKING OR AT THE TABLE**?

☐ Almost never or never (GO TO QUESTION 48)  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

BB47g

Question 48 appears in the next column.

- 47h. Each time **cheese** or **cheese sauce** was added to your potatoes, how much was usually added?

☐ Less than 1 tablespoon  
☐ 1 to 3 tablespoons  
☐ More than 3 tablespoons

BB47h

48. How often did you eat **salsa**?

☐ NEVER (GO TO QUESTION 49) SLNever48  
☐ 1-6 times per year ☐ 2 times per week  
☐ 7-11 times per year ☐ 3-4 times per week  
☐ 1 time per month ☐ 5-6 times per week  
☐ 2-3 times per month ☐ 1 time per day  
☐ 1 time per week ☐ 2 or more times per day

SL48

- 48a. Each time you ate **salsa**, how much did you usually eat?

☐ Less than 1 tablespoon  
☐ 1 to 5 tablespoons  
☐ More than 5 tablespoons

SL48a

49. How often did you eat **ketchup**?

☐ NEVER (GO TO QUESTION 50) KPNever49  
☐ 1-6 times per year ☐ 2 times per week  
☐ 7-11 times per year ☐ 3-4 times per week  
☐ 1 time per month ☐ 5-6 times per week  
☐ 2-3 times per month ☐ 1 time per day  
☐ 1 time per week ☐ 2 or more times per day

KP39

- 49a. Each time you ate **ketchup**, how much did you usually eat?

☐ Less than 1 teaspoon  
☐ 1 to 6 teaspoons  
☐ More than 6 teaspoons

KP49a

50. How often did you eat **stuffing, dressing, or dumplings**?

☐ NEVER (GO TO QUESTION 51) DPNever50  
☐ 1-6 times per year ☐ 2 times per week  
☐ 7-11 times per year ☐ 3-4 times per week  
☐ 1 time per month ☐ 5-6 times per week  
☐ 2-3 times per month ☐ 1 time per day  
☐ 1 time per week ☐ 2 or more times per day

DP50

- 50a. Each time you ate **stuffing, dressing, or dumplings**, how much did you usually eat?

☐ Less than 1/2 cup  
☐ 1/2 to 1 cup  
☐ More than 1 cup

DP50a

Question 51 appears on the next page.

**Over the past 12 months...**

51. How often did you eat **chili**?

☐ NEVER (GO TO QUESTION 52) **CI**Never51

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**CI51**

51a. Each time you ate **chili**, how much did you usually eat?

- ☐ Less than 1/2 cup  
☐ 1/2 to 1 3/4 cups  
☐ More than 1 3/4 cups

**CI51a**

52. How often did you eat **Mexican foods** (such as tacos, tostados, burritos, tamales, fajitas, enchiladas, quesadillas, and chimichangas)?

☐ NEVER (GO TO QUESTION 53) **MX**Never52

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**MX52**

52a. Each time you ate **Mexican foods**, how much did you usually eat?

- ☐ Less than 1 taco, burrito, etc.  
☐ 1 to 2 tacos, burritos, etc.  
☐ More than 2 tacos, burritos, etc.

**MX52a**

53. How often did you eat **cooked dried beans** (such as baked beans, pintos, kidney, blackeyed peas, lima, lentils, soybeans, or refried beans)?  
*(Please don't include bean soups or chili.)*

☐ NEVER (GO TO QUESTION 54) **DB**Never53

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

53a. Each time you ate **beans**, how much did you usually eat?

- ☐ Less than 1/2 cup  
☐ 1/2 to 1 cup  
☐ More than 1 cup

**DB53a**

*Question 54 appears in the next column.*

53b. How often were the beans you ate **refried beans, beans prepared with any type of fat, or with meat added**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

**DB53b**

54. How often did you eat **other kinds of vegetables**?

☐ NEVER (GO TO QUESTION 55) **KV**Never54

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**KV54**

54a. Each time you ate **other kinds of vegetables**, how much did you usually eat?

- ☐ Less than 1/4 cup  
☐ 1/4 to 1/2 cup  
☐ More than 1/2 cup

**KV54a**

55. How often did you eat **rice or other cooked grains** (such as bulgur, cracked wheat, or millet)?

☐ NEVER (GO TO QUESTION 56) **CG**Never55

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**CG55**

55a. Each time you ate **rice or other cooked grains**, how much did you usually eat?

- ☐ Less than 1/2 cup  
☐ 1/2 to 1 1/2 cups  
☐ More than 1 1/2 cups

**CG55a**

55b. How often was **butter, margarine, or oil** added to your rice **IN COOKING OR AT THE TABLE**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

**CG55b**



*Question 56 appears on the next page.*





Over the past 12 months...

56. How often did you eat **pancakes, waffles, or French toast**?

☐ NEVER (GO TO QUESTION 57) **PWNever56**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**PW56**

56a. Each time you ate **pancakes, waffles, or French toast**, how much did you usually eat?

- ☐ Less than 1 medium piece  
☐ 1 to 3 medium pieces  
☐ More than 3 medium pieces

**PW56a**

56b. How often was **margarine** (including low-fat) added to your pancakes, waffles, or French toast, **AFTER COOKING OR AT THE TABLE**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

**PW56b**

56c. How often was **butter** (including low-fat) added to your pancakes, waffles, or French toast, **AFTER COOKING OR AT THE TABLE**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

**PW56c**

56d. Each time **margarine** or **butter** was added to your pancakes, waffles or French toast, how much was usually added?

- ☐ Never added  
☐ Less than 1 teaspoon  
☐ 1 to 3 teaspoons  
☐ More than 3 teaspoons

**PW56d**

56e. How often was **syrup** added to your pancakes, waffles, or French toast?

- ☐ Almost never or never (GO TO QUESTION 57)  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

**PW56e**

Question 57 appears in the next column.

56f. Each time **syrup** was added to your pancakes, waffles, or French toast, how much was usually added?

- ☐ Less than 1 tablespoon  
☐ 1 to 4 tablespoons  
☐ More than 4 tablespoons

**PW56f**

57. How often did you eat **lasagna, stuffed shells, stuffed manicotti, ravioli, or tortellini**? (Please do not include spaghetti or other pasta.)

☐ NEVER (GO TO QUESTION 58) **LTNever57**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**LT57**

57a. Each time you ate **lasagna, stuffed shells, stuffed manicotti, ravioli, or tortellini**, how much did you usually eat?

- ☐ Less than 1 cup  
☐ 1 to 2 cups  
☐ More than 2 cups

**LT57a**

58. How often did you eat **macaroni and cheese**?

☐ NEVER (GO TO QUESTION 59) **MCNever58**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**MC58**

58a. Each time you ate **macaroni and cheese**, how much did you usually eat?

- ☐ Less than 1 cup  
☐ 1 to 1 1/2 cups  
☐ More than 1 1/2 cups

**MC58a**

59. How often did you eat **pasta salad** or **macaroni salad**?

☐ NEVER (GO TO QUESTION 60) **PMNever59**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**PM59**

Question 60 appears on the next page.

Over the past 12 months...

59a. Each time you ate **pasta salad** or **macaroni salad**, how much did you usually eat?

- ☐ Less than 1/2 cup
- ☐ 1/2 to 1 cup
- ☐ More than 1 cup

PM59a

60. Other than the pastas listed in Questions 57, 58, and 59, how often did you eat **pasta, spaghetti, or other noodles**?

☐ NEVER (GO TO QUESTION 61) ONNever60

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

ON60

60a. Each time you ate **pasta, spaghetti, or other noodles**, how much did you usually eat?

- ☐ Less than 1 cup
- ☐ 1 to 3 cups
- ☐ More than 3 cups

ON60a

60b. How often did you eat your pasta, spaghetti, or other noodles with **tomato sauce** or **spaghetti sauce made WITH meat**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

ON60b

60c. How often did you eat your pasta, spaghetti, or other noodles with **tomato sauce** or **spaghetti sauce made WITHOUT meat**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

ON60c

60d. How often did you eat your pasta, spaghetti, or other noodles with **margarine, butter, oil, or cream sauce**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

ON60d

Question 61 appears in the next column.

61. How often did you eat **bagels** or **English muffins**?

☐ NEVER (GO TO INTRODUCTION TO QUESTION 62)

EMNever61

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

EM61

61a. Each time you ate **bagels** or **English muffins**, how much did you usually eat?

- ☐ Less than 1 bagel or English muffin
- ☐ 1 bagel or English muffin
- ☐ More than 1 bagel or English muffin

EM61a

61b. How often was **margarine** (including low-fat) added to your bagels or English muffins?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

EM61b

61c. How often was **butter** (including low-fat) added to your bagels or English muffins?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

EM61c

61d. Each time **margarine** or **butter** was added to your bagels or English muffins, how much was usually added?

- ☐ Never added
- ☐ Less than 1 teaspoon
- ☐ 1 to 2 teaspoons
- ☐ More than 2 teaspoons

EM61d

61e. How often was **cream cheese** (including low-fat) added to your bagels or English muffins?

- ☐ Almost never or never (GO TO INTRODUCTION TO QUESTION 62)
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

EM61e

Question 62 appears on the next page.



Over the past 12 months...

- 61f. Each time **cream cheese** was added to your bagels or English muffins, how much was usually added?

☐ Less than 1 tablespoon  
☐ 1 to 2 tablespoons  
☐ More than 2 tablespoons

EM61f

The next questions ask about your intake of breads other than bagels or English muffins. First, we will ask about bread you ate as part of sandwiches only. Then we will ask about all other bread you ate.

62. How often did you eat **breads** or **rolls AS PART OF SANDWICHES** (including burger and hot dog rolls)?

☐ NEVER (GO TO QUESTION 63) BRNever62  
☐ 1-6 times per year      ☐ 2 times per week  
☐ 7-11 times per year      ☐ 3-4 times per week  
☐ 1 time per month      ☐ 5-6 times per week  
☐ 2-3 times per month      ☐ 1 time per day  
☐ 1 time per week      ☐ 2 or more times per day

BR62

- 62a. Each time you ate **breads** or **rolls AS PART OF SANDWICHES**, how much did you usually eat?

☐ 1 slice or 1/2 roll  
☐ 2 slices or 1 roll  
☐ More than 2 slices or more than 1 roll

BR62a

- 62b. How often were the breads or rolls that you used for your sandwiches **white bread** (including burger and hot dog rolls)?

☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

BR62b

- 62c. How often was **mayonnaise** or **mayonnaise-type dressing** (including low-fat) added to your sandwich breads or rolls?

☐ Almost never or never (GO TO QUESTION 62e)  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

BR62c

Question 62e appears in the next column.

Question 63 appears in the next column.

- 62d. Each time **mayonnaise** or **mayonnaise-type dressing** was added to your sandwich breads or rolls, how much was usually added?

☐ Less than 1 teaspoon  
☐ 1 to 3 teaspoons  
☐ More than 3 teaspoons

BR62d

- 62e. How often was **margarine** (including low-fat) added to your sandwich bread or rolls?

☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

BR62e

- 62f. How often was **butter** (including low-fat) added to your sandwich breads or rolls?

☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

BR62f

- 62g. Each time **margarine** or **butter** was added to your sandwich breads or rolls, how much was usually added?

☐ Never added  
☐ Less than 1 teaspoon  
☐ 1 to 2 teaspoons  
☐ More than 2 teaspoons

BR62g

63. How often did you eat **breads** or **dinner rolls NOT AS PART OF SANDWICHES** ?

☐ NEVER (GO TO QUESTION 64) BDNever63

☐ 1-6 times per year      ☐ 2 times per week  
☐ 7-11 times per year      ☐ 3-4 times per week  
☐ 1 time per month      ☐ 5-6 times per week  
☐ 2-3 times per month      ☐ 1 time per day  
☐ 1 time per week      ☐ 2 or more times per day

BD63

- 63a. Each time you ate **breads** or **dinner rolls NOT AS PART OF SANDWICHES**, how much did you usually eat?

☐ 1 slice or 1 dinner roll  
☐ 2 slices or 2 dinner rolls  
☐ More than 2 slices or 2 dinner rolls

BD63a

Question 64 appears on the next page.

Over the past 12 months...

- 63b. How often were the breads or rolls you ate **white bread**?

**BD63b**

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

- 63c. How often was **margarine** (including low-fat) added to your breads or rolls?

**BD63c**

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

- 63d. How often was **butter** (including low-fat) added to your breads or rolls?

**BD63d**

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

- 63e. Each time **margarine** or **butter** was added to your breads or rolls, how much was usually added?

**BD63e**

- ☐ Never added
- ☐ Less than 1 teaspoon
- ☐ 1 to 2 teaspoons
- ☐ More than 2 teaspoons

- 63f. How often was **cream cheese** (including low-fat) added to your breads or rolls?

**BD63f**

- ☐ Almost never or never (GO TO QUESTION 64)
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

- 63g. Each time **cream cheese** was added to your breads or rolls, how much was usually added?

**BD63g**

- ☐ Less than 1 tablespoon
- ☐ 1 to 2 tablespoons
- ☐ More than 2 tablespoons

Question 64 appears in the next column.

64. How often did you eat **jam, jelly, or honey** on bagels, muffins, bread, rolls, or crackers?

☐ NEVER (GO TO QUESTION 65) **JJNever64**

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

**JJ64**

- 64a. Each time you ate **jam, jelly or honey**, how much did you usually eat?

- ☐ Less than 1 teaspoon
- ☐ 1 to 3 teaspoons
- ☐ More than 3 teaspoons

**JJ64a**

65. How often did you eat **peanut butter or other nut butter**?

☐ NEVER (GO TO QUESTION 66) **PNNever65**

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

- 65a. Each time you ate **peanut butter or other nut butter**, how much did you usually eat?

- ☐ Less than 1 tablespoon
- ☐ 1 to 2 tablespoons
- ☐ More than 2 tablespoons

**PN65a**

66. How often did you eat **roast beef or steak IN SANDWICHES**?

☐ NEVER (GO TO QUESTION 67) **RBNever66**

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

- 66a. Each time you ate **roast beef or steak IN SANDWICHES**, how much did you usually eat?

- ☐ Less than 1 slice or less than 2 ounces
- ☐ 1 to 2 slices or 2 to 4 ounces
- ☐ More than 2 slices or more than 4 ounces

**RB66a**

Question 67 appears on the next page.



Over the past 12 months...

67. How often did you eat **turkey** or **chicken COLD CUTS** (such as loaf, luncheon meat, turkey ham, turkey salami, or turkey pastrami)? *(We will ask about other turkey or chicken later.)*

☐ NEVER (GO TO QUESTION 68) **TCNever67**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**TC67**

67a. Each time you ate **turkey**, or **chicken COLD CUTS**, how much did you usually eat?

- ☐ Less than 1 slice  
☐ 1 to 3 slices  
☐ More than 3 slices

**TC67a**

68. How often did you eat **luncheon** or **deli-style ham**? *(We will ask about other ham later.)*

☐ NEVER (GO TO QUESTION 69) **LDNever68**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**LD68**

68a. Each time you ate **luncheon** or **deli-style ham**, how much did you usually eat?

- ☐ Less than 1 slice  
☐ 1 to 3 slices  
☐ More than 3 slices

**LD68a**

68b. How often was the luncheon or deli-style ham you ate **light**, **low-fat**, or **fat-free**?

**LD68b**

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always



Question 69 appears in the next column.

69. How often did you eat **other cold cuts** or **luncheon meats** (such as bologna, salami, corned beef, pastrami, or others, including low-fat)? *(Please do not include ham, turkey, or chicken cold cuts.)*

☐ NEVER (GO TO QUESTION 70) **OLNever69**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**OL69**

69a. Each time you ate **other cold cuts** or **luncheon meats**, how much did you usually eat?

- ☐ Less than 1 slice  
☐ 1 to 3 slices  
☐ More than 3 slices

**OL69a**

69b. How often were the other cold cuts or luncheon meats you ate **light**, **low-fat**, or **fat-free**? *(Please do not include ham, turkey, or chicken cold cuts.)*

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

**OL69a**

70. How often did you eat **canned tuna** *(including in salads, sandwiches, or casseroles)*?

☐ NEVER (GO TO QUESTION 71) **TUNever70**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**TU70**

70a. Each time you ate **canned tuna**, how much did you usually eat?

- ☐ Less than 1/4 cup or less than 2 ounces  
☐ 1/4 to 1/2 cup or 2 to 3 ounces  
☐ More than 1/2 cup or more than 3 ounces

**TU70a**

70b. How often was the canned tuna you ate **water-packed tuna**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

**TU70b**

Question 71 appears on the next page.





Over the past 12 months...

70c. How often was the canned tuna you ate **prepared with mayonnaise or other dressing** (including low-fat)?

TU70c

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

71. How often did you eat **GROUND chicken or turkey?** (We will ask about other chicken and turkey later.)

☐ NEVER (GO TO QUESTION 72) GTNever71

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

GT71

71a. Each time you ate **GROUND chicken or turkey**, how much did you usually eat?

- ☐ Less than 2 ounces or less than 1/2 cup
- ☐ 2 to 4 ounces or 1/2 to 1 cup
- ☐ More than 4 ounces or more than 1 cup

GT71a

72. How often did you eat **beef hamburgers or cheeseburgers?**

☐ NEVER (GO TO QUESTION 73) BHNever72

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

BH72

72a. Each time you ate **beef hamburgers or cheeseburgers**, how much did you usually eat?

- ☐ Less than 1 patty or less than 2 ounces
- ☐ 1 patty or 2 to 4 ounces
- ☐ More than 1 patty or more than 4 ounces

BH72a

72b. How often were the beef hamburgers or cheeseburgers you ate made with **lean ground beef?**

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

BH72b

Question 73 appears in the next column.

73. How often did you eat **ground beef in mixtures** (such as meatballs, casseroles, chili, or meatloaf)?

☐ NEVER (GO TO QUESTION 74) GMNever73

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

GM73

73a. Each time you ate **ground beef in mixtures**, how much did you usually eat?

- ☐ Less than 3 ounces or less than 1/2 cup
- ☐ 3 to 8 ounces or 1/2 to 1 cup
- ☐ More than 8 ounces or more than 1 cup

GM73a

74. How often did you eat **hot dogs or frankfurters?** (Please do not include sausages or vegetarian hot dogs.)

☐ NEVER (GO TO QUESTION 75) HFNever74

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

HF74

74a. Each time you ate **hot dogs or frankfurters**, how many did you usually eat?

- ☐ Less than 1 hot dog
- ☐ 1 to 2 hot dogs
- ☐ More than 2 hot dogs

HF74a

74b. How often were the hot dogs or frankfurters you ate **light or low-fat hot dogs?**

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

HF74b



Question 75 appears on the next page.



Over the past 12 months...

75. How often did you eat beef mixtures such as **beef stew, beef pot pie, beef and noodles, or beef and vegetables**?

☐ NEVER (GO TO QUESTION 76) **BVNever75**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**BV75**

- 75a. Each time you ate **beef stew, beef pot pie, beef and noodles, or beef and vegetables**, how much did you usually eat?

- ☐ Less than 1 cup  
☐ 1 to 2 cups  
☐ More than 2 cups

**BV75a**

76. How often did you eat **roast beef or pot roast**? *(Please do not include roast beef or pot roast in sandwiches.)*

☐ NEVER (GO TO QUESTION 77) **RRNever76**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**RR76**

- 76a. Each time you ate **roast beef or pot roast**, (including in mixtures) how much did you usually eat?

- ☐ Less than 2 ounces  
☐ 2 to 5 ounces  
☐ More than 5 ounces

**RR76a**

77. How often did you eat **steak** (beef)? *(Do not include steak in sandwiches.)*

☐ NEVER (GO TO QUESTION 78) **SKNever77**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**SK77**

- 77a. Each time you ate **steak** (beef), how much did you usually eat?

- ☐ Less than 3 ounces  
☐ 3 to 7 ounces  
☐ More than 7 ounces

**SK77a**

Question 78 appears in the next column.

- 77b. How often was the steak you ate **lean steak**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

**SK77b**

78. How often did you eat **pork or beef spareribs**?

☐ NEVER (GO TO QUESTION 79) **SPNever78**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**SP78**

- 78a. Each time you ate **pork or beef spareribs**, how much did you usually eat?

- ☐ Less than 4 ribs  
☐ 4 to 12 ribs  
☐ More than 12 ribs

**SP78a**

79. How often did you eat **roast turkey, turkey cutlets, or turkey nuggets** (including in sandwiches)?

☐ NEVER (GO TO QUESTION 80) **TTNever79**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**TT79**

- 79a. Each time you ate **roast turkey, turkey cutlets, or turkey nuggets**, how much did you usually eat? *(Please note: 4-8 turkey nuggets=3 ounces.)*

- ☐ Less than 2 ounces  
☐ 2 to 4 ounces  
☐ More than 4 ounces

**TT79a**

80. How often did you eat **chicken** as part of **salads, sandwiches, casseroles, stews, or other mixtures**?

☐ NEVER (GO TO QUESTION 81) **SMNever80**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**SM80**

Question 81 appears on the next page.



Over the past 12 months...

80a. Each time you ate **chicken** as part of **salads, sandwiches, casseroles, stews, or other mixtures**, how much did you usually eat?

- ☐ Less than 1/2 cup
- ☐ 1/2 to 1 1/2 cups
- ☐ More than 1 1/2 cups

**SM80a**

81. How often did you eat **baked, broiled, roasted, stewed, or fried chicken** (including nuggets)? *(Please do not include chicken in mixtures.)*

- ☐ NEVER (GO TO QUESTION 82) **CNever81**
- ☐ 1-6 times per year      ☐ 2 times per week
- ☐ 7-11 times per year      ☐ 3-4 times per week
- ☐ 1 time per month      ☐ 5-6 times per week
- ☐ 2-3 times per month      ☐ 1 time per day
- ☐ 1 time per week      ☐ 2 or more times per day

**C81**

81a. Each time you ate **baked, broiled, roasted, stewed, or fried chicken** (including nuggets), how much did you usually eat?

- ☐ Less than 2 drumsticks or wings, 1 breast or thigh, or less than 4 nuggets
- ☐ 2 drumsticks or wings, 1 breast or thigh, or 4 to 8 nuggets
- ☐ More than 2 drumsticks or wings, 1 breast or thigh, or more than 8 nuggets

**C81a**

81b. How often was the chicken you ate **fried chicken** (including deep fried) or **chicken nuggets**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

**C81b**

81c. How often was the chicken you ate **WHITE meat**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

**C81c**

81d. How often did you eat chicken **WITH skin**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

**C81d**

*Question 82 appears in the next column.*

82. How often did you eat **baked ham or ham steak**?

- ☐ NEVER (GO TO QUESTION 83) **HSNever82**
- ☐ 1-6 times per year      ☐ 2 times per week
- ☐ 7-11 times per year      ☐ 3-4 times per week
- ☐ 1 time per month      ☐ 5-6 times per week
- ☐ 2-3 times per month      ☐ 1 time per day
- ☐ 1 time per week      ☐ 2 or more times per day

**HS82**

82a. Each time you ate **baked ham or ham steak**, how much did you usually eat?

- ☐ Less than 1 ounce
- ☐ 1 to 3 ounces
- ☐ More than 3 ounces

**HS82a**

83. How often did you eat **pork** (including chops, roasts, and in mixed dishes)? *(Please do not include ham, ham steak, or sausage.)*

- ☐ NEVER (GO TO QUESTION 84) **PNever83**
- ☐ 1-6 times per year      ☐ 2 times per week
- ☐ 7-11 times per year      ☐ 3-4 times per week
- ☐ 1 time per month      ☐ 5-6 times per week
- ☐ 2-3 times per month      ☐ 1 time per day
- ☐ 1 time per week      ☐ 2 or more times per day

**P83**

83a. Each time you ate **pork**, how much did you usually eat?

- ☐ Less than 2 ounces or less than 1 chop
- ☐ 2 or 5 ounces or 1 chop
- ☐ More than 5 ounces or more than 1 chop

**P83a**

84. How often did you eat **gravy** on meat, chicken, potatoes, rice, etc?

- ☐ NEVER (GO TO QUESTION 85) **GMNever84**
- ☐ 1-6 times per year      ☐ 2 times per week
- ☐ 7-11 times per year      ☐ 3-4 times per week
- ☐ 1 time per month      ☐ 5-6 times per week
- ☐ 2-3 times per month      ☐ 1 time per day
- ☐ 1 time per week      ☐ 2 or more times per day

**GM84**

84a. Each time you ate **gravy** on meat, chicken, potatoes, or rice, etc., how much did you usually eat?

- ☐ Less than 1/8 cup
- ☐ 1/8 to 1/2 cup
- ☐ More than 1/2 cup

**GM84a**

*Question 85 appears on the next page.*



Over the past 12 months...

85. How often did you eat **liver** (all kinds) or **liverwurst**?

☐ NEVER (GO TO QUESTION 86) **LNever85**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**L85**

85a. Each time you ate **liver** or **liverwurst**, how much did you usually eat?

- ☐ Less than 1 ounce  
☐ 1 to 4 ounces  
☐ More than 4 ounces

**L85a**

86. How often did you eat **bacon** (including low-fat)?

☐ NEVER (GO TO QUESTION 87) **BNever86**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**B86**

86a. Each time you ate **bacon**, how much did you usually eat?

- ☐ Fewer than 2 slices  
☐ 2 to 3 slices  
☐ More than 3 slices

**B86a**

86b. How often was the bacon you ate **light**, **low-fat**, or **lean bacon**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

**B86b**

87. How often did you eat **sausage** (including low-fat)?

☐ NEVER (GO TO QUESTION 88) **SNever87**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**S87**

Question 88 appears in the next column.

87a. Each time you ate **sausage**, how much did you usually eat? **S87a**

- ☐ Fewer than 1 patty or 2 links  
☐ 1 to 3 patties or 2 to 5 links  
☐ More than 3 patties or 5 links

87b. How often was the sausage you ate **light**, **low-fat**, or **lean sausage**? **S87b**

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

88. How often did you eat **fish sticks** or **fried fish** (including fried seafood or shellfish)?

☐ NEVER (GO TO QUESTION 89) **FNever88**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**F88**

88a. Each time you ate **fish sticks** or **fried fish**, how much did you usually eat?

- ☐ Less than 2 ounces or less than 1 fillet  
☐ 2 to 7 ounces or 1 fillet  
☐ More than 7 ounces or more than 1 fillet

**F88a**

89. How often did you eat **fish** or **seafood that was NOT FRIED** (including shellfish)? **FSNever89**

☐ NEVER (GO TO THE INTRODUCTION TO QUESTION 90)

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**FS89**

89a. Each time you ate **fish** or **seafood that was not fried**, how much did you usually eat?

- ☐ Less than 2 ounces or less than 1 fillet  
☐ 2 to 5 ounces or 1 fillet  
☐ More than 5 ounces or more than 1 fillet

**FS89a**



Question 90 appears on the next page



Over the past 12 months...

Now think about all the meat, poultry, and fish you ate in the past 12 months and how they were prepared.

90. How often was **oil, butter, margarine, or other fat** used to **FRY, SAUTE, BASTE, OR MARINATE** any meat, poultry, or fish you ate?  
(Please do not include deep frying.)

☐ NEVER (GO TO QUESTION 91) **ONever90**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**O90**

- 90a. Which of the following **fats** were regularly used to prepare your meat, poultry, or fish?  
(Mark all that apply.)

- |   |  |
|---|--|
| <input type="radio"/> Margarine (including low-fat) | <input type="radio"/> Corn oil                         |
| <input type="radio"/> Butter (including low-fat)    | <input type="radio"/> Canola or rapeseed oil           |
| <input type="radio"/> Lard, fatback, or bacon fat   | <input type="radio"/> Oil spray, such as Pam or others |
| <input type="radio"/> Olive oil                     | <input type="radio"/> Other kinds of oils              |
|   | <input type="radio"/> None of the above                |

**O90a**

91. How often did you eat **tofu, soya burgers, or soy meat-substitutes**?

☐ NEVER (GO TO QUESTION 92) **TNever91**

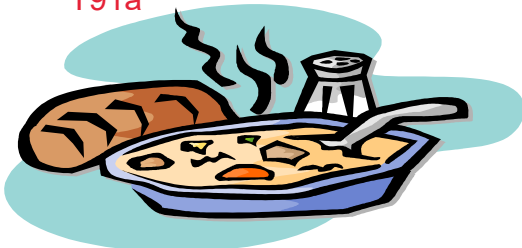
- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**T91**

- 91a. Each time you ate **tofu, soy burgers, or soy meat-substitutes**, how much did you usually eat?

- ☐ Less than 1/4 cup or less than 2 ounces  
☐ 1/4 to 1/2 cup or 2 to 4 ounces  
☐ More than 1/2 cup or more than 4 ounces

**T91a**



Question 92 appears in the next column.

92. Over the past 12 months, did you eat **soups**?

☐ NO (GO TO QUESTION 93) **SONO92**

☐ YES

- 92a. How often did you eat **soup DURING THE WINTER**?

☐ NEVER **SONever92**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per winter  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per winter | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month      | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month   | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week       | <input type="radio"/> 2 or more times per day |

**SO92a**

- 92b. How often did you eat **soup DURING THE REST OF THE YEAR**?

☐ NEVER **SONever92b**

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

**SO92b**

- 92c. Each time you ate **soup**, how much did you usually eat?

- ☐ Less than 1 cup  
☐ 1 to 2 cups  
☐ More than 2 cups

**SO92c**

- 92d. How often were the soups you ate **bean soups**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

**SO92d**

- 92e. How often were the soups you ate **cream soups** (including chowders)?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

**SO92e**

Question 93 appears on the next page.





Over the past 12 months...

92f. How often were the soups you ate **tomato** or **vegetable soups**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

SO92f

92g. How often were the soups you ate **broth soups** (including chicken) **with** or **without** **noodles** or **rice**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

SO92g

93. How often did you eat **pizza**?

☐ NEVER (GO TO QUESTION 94) PNever93

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

P93

93a. Each time you ate **pizza**, how much did you usually eat?

- ☐ Less than 1 slice or less than 1 mini pizza
- ☐ 1 to 3 slices or 1 mini pizza
- ☐ More than 3 slices or more than 1 mini pizza

P93a

93b. How often did you eat pizza with **pepperoni**, **sausage**, or **other meat**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

94. How often did you eat **crackers**?

☐ NEVER (GO TO QUESTION 95)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

Question 95 appears in the next column.

94a. Each time you ate **crackers**, how much did you usually eat?

- ☐ Fewer than 4 crackers
- ☐ 4 to 10 crackers
- ☐ More than 10 crackers

95. How often did you eat **corn bread** or **corn muffins**?

☐ NEVER (GO TO QUESTION 96)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

95a. Each time you ate **corn bread** or **corn muffins**, how much did you usually eat?

- ☐ Less than 1 piece or muffin
- ☐ 1 to 2 pieces or muffins
- ☐ More than 2 pieces or muffins

96. How often did you eat **baking powder biscuits**?

☐ NEVER (GO TO QUESTION 97)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

96a. Each time you ate **baking powder biscuits**, how many did you usually eat?

- ☐ Fewer than 1 biscuit
- ☐ 1 to 2 biscuits
- ☐ More than 2 biscuits

97. How often did you eat **potato chips**, **tortilla chips**, or **corn chips** (including low-fat, fat-free, or low-salt)?

☐ NEVER (GO TO QUESTION 98)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

Question 98 appears on the next page

63017

Over the past 12 months...

97a. Each time you ate **potato chips, tortilla chips, or corn chips**, how much did you usually eat?

- ☐ Fewer than 10 chips or less than 1 cup
- ☐ 10 to 25 chips or 1 to 2 cups
- ☐ More than 25 chips or more than 2 cups

97b. How often were the chips you ate **low-fat, or fat-free chips**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

98. How often did you eat **popcorn** (including low-fat)?

☐ NEVER (GO TO QUESTION 99)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

98a. Each time you ate **popcorn**, how much did you usually eat?

- ☐ Less than 2 cups, popped
- ☐ 2 to 5 cups, popped
- ☐ More than 5 cups, popped

99. How often did you eat **pretzels**?

☐ NEVER (GO TO QUESTION 100)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

99a. Each time you ate **pretzels**, how many did you usually eat?

- ☐ Fewer than 5 average twists
- ☐ 5 to 20 average twists
- ☐ More than 20 average twists

Question 100 appears in the next column.

100. How often did you eat **peanuts, walnuts, seeds, or other nuts**?

☐ NEVER (GO TO QUESTION 101)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

100a. Each time you ate **peanuts, walnuts, seeds, or other nuts**, how much did you usually eat?

- ☐ Less than 1/4 cup
- ☐ 1/4 to 1/2 cup
- ☐ More than 1/2 cup

101. How often did you eat **energy, high-protein, or breakfast bars** such as **Power Bars, Balance, Clif, Boost** or **others**?

☐ NEVER (GO TO QUESTION 102)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

101a. Each time you ate **energy, high-protein, or breakfast bars**, how much did you usually eat?

- ☐ Less than 1 bar
- ☐ 1 bar
- ☐ More than 1 bar

102. How often did you eat **yogurt** (NOT including frozen yogurt)?

☐ NEVER (GO TO QUESTION 103)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

102a. Each time you ate **yogurt**, how much did you usually eat?

- ☐ Less than 1/2 cup or less than 1 container
- ☐ 1/2 to 1 cup or 1 container
- ☐ More than 1 cup or more than 1 container

Question 103 appears on the next page.



**Over the past 12 months...**

103. How often did you eat **cottage cheese** (including low-fat)?

☐ NEVER (GO TO QUESTION 104)

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

103a. Each time you ate **cottage cheese**, how much did you usually eat?

- ☐ Less than 1/4 cup  
☐ 1/4 to 1 cup  
☐ More than 1 cup

104. How often did you eat **cheese** (including low-fat; including on cheeseburgers or in sandwiches or subs)?

☐ NEVER (GO TO QUESTION 105)

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

104a. Each time you ate **cheese**, how much did you usually eat?

- ☐ Less than 1/2 ounce or less than 1 slice  
☐ 1/2 to 1 1/2 ounces or 1 slice  
☐ More than 1 1/2 ounces or more than 1 slice

104b. How often was the cheese you ate **light** or **low-fat cheese**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

104c. How often was the **cheese** you ate **fat-free cheese**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

*Question 105 appears in the next column.*

105. How often did you eat **frozen yogurt, sorbet, or ices** (including low-fat or fat-free)?

☐ NEVER (GO TO QUESTION 106)

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

105a. Each time you ate **frozen yogurt, sorbet, or ices**, how much did you usually eat?

- ☐ Less than 1/2 cup or less than 1 scoop  
☐ 1/2 to 1 cup or 1 to 2 scoops  
☐ More than 1 cup or more than 2 scoops

106. How often did you eat **ice cream, ice cream bars, or sherbet** (including low-fat or fat-free)?

☐ NEVER (GO TO QUESTION 107)

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

106a. Each time you ate **ice cream, ice cream bars, or sherbet**, how much did you usually eat?

- ☐ Less than 1/2 cup or less than 1 scoop  
☐ 1/2 to 1 1/2 cups or 1 to 2 scoops  
☐ More than 1 1/2 cups or more than 2 scoops

106b. How often was the ice cream you ate **light, low-fat, or fat-free ice cream** or **sherbet**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

107. How often did you eat **cake** (including low-fat or fat-free)?

☐ NEVER (GO TO QUESTION 108)

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

*Question 108 appears on the next page.*

63017

Over the past 12 months...

107a. Each time you ate **cake**, how much did you usually eat?

- ☐ Less than 1 medium piece
- ☐ 1 medium piece
- ☐ More than 1 medium piece

107b. How often was the cake you ate **light, low-fat, or fat-free cake**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

108. How often did you eat **cookies or brownies** (including low-fat or fat-free)?

☐ NEVER (GO TO QUESTION 109)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

108a. Each time you ate **cookies or brownies**, how much did you usually eat?

- ☐ Less than 2 cookies or 1 small brownie
- ☐ 2 to 4 cookies or 1 medium brownie
- ☐ More than 4 cookies or 1 large brownie

108b. How often were the cookies or brownies you ate **light, low-fat, or fat-free cookies or brownies**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

109. How often did you eat **doughnuts, sweet rolls, Danish, or pop tarts**?

☐ NEVER (GO TO QUESTION 110)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

Question 110 appears in the next column.

109a. Each time you ate **doughnuts, sweet rolls, Danish, or pop tarts**, how much did you usually eat?

- ☐ Less than 1 piece
- ☐ 1 to 2 pieces
- ☐ More than 2 pieces

110. How often did you eat **sweet muffins or dessert breads** (including low-fat or fat-free)?

☐ NEVER (GO TO QUESTION 111)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

110a. Each time you ate **sweet muffins or dessert breads**, how much did you usually eat?

- ☐ Less than 1 medium piece
- ☐ 1 medium piece
- ☐ More than 1 medium piece

110b. How often were the sweet muffins or dessert breads you ate **light, low-fat, or fat-free sweet muffins or dessert breads**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

111. How often did you eat **fruit crisp, cobbler, or strudel**?

☐ NEVER (GO TO QUESTION 112)

- ☐ 1-6 times per year
- ☐ 7-11 times per year
- ☐ 1 time per month
- ☐ 2-3 times per month
- ☐ 1 time per week
- ☐ 2 times per week
- ☐ 3-4 times per week
- ☐ 5-6 times per week
- ☐ 1 time per day
- ☐ 2 or more times per day

111a. Each time you ate **fruit crisp, cobbler, or strudel**, how much did you usually eat?

- ☐ Less than 1/2 cup
- ☐ 1/2 to 1 cup
- ☐ More than 1 cup

Question 112 appears on the next page.

112. How often did you eat **pie**?

☐ NEVER (GO TO QUESTION 113)

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

112a. Each time you ate **pie**, how much did you usually eat?

- ☐ Less than 1/8 of a pie  
☐ About 1/8 of a pie  
☐ More than 1/8 of a pie

**The next four questions ask about the kinds of pie you ate. Please read all four questions before answering.**

112b. How often were the pies you ate **fruit pie** (such as apple, blueberry, others)?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

112c. How often were the pies you ate **cream, pudding, custard, or meringue pie**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

112d. How often was the pie you ate **pumpkin pie**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

112e. How often was the pie you ate **pecan pie**?

- ☐ Almost never or never  
☐ About 1/4 of the time  
☐ About 1/2 of the time  
☐ About 3/4 of the time  
☐ Almost always or always

Question 113 appears in the next column.

113. How often did you eat **chocolate**?

☐ NEVER (GO TO QUESTION 114)

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

113a. Each time you ate **chocolate**, how much did you usually eat?

- ☐ Less than 1 average bar or less than 1 ounce  
☐ 1 average bar or 1 to 2 ounces  
☐ More than 1 average bar or more than 2 ounces

114. How often did you eat **other candy**?

☐ NEVER (GO TO QUESTION 115)

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

114a. Each time you ate **other candy**, how much did you usually eat?

- ☐ Fewer than 2 pieces  
☐ 2 to 9 pieces  
☐ More than 9 pieces

115. How often did you eat **eggs, egg whites, or egg substitutes** (NOT including eggs in baked goods and desserts)? *(Please include eggs in salads, quiche, and souffles.)*

☐ NEVER (GO TO QUESTION 116)

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

115a. Each time you ate **eggs**, how many did you usually eat?

- ☐ 1 egg  
☐ 2 eggs  
☐ 3 or more eggs

Question 116 appears on the next page.



Over the past 12 months...

115b. How often were the eggs you ate **egg substitutes**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

115c. How often were the eggs you ate **egg whites only**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

115d. How often were the eggs you ate **regular whole eggs**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

115e. How often were the eggs you ate **cooked in oil, butter, or margarine**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

115f. How often were the eggs you ate part of **egg salad**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

116. How many cups of **coffee**, caffeinated or decaffeinated, did you drink?

☐ **NONE (GO TO QUESTION 117)**

- |   |  |
|---|--|
| <input type="radio"/> Less than 1 cup per month | <input type="radio"/> 5-6 cups per week      |
| <input type="radio"/> 1-3 cups per month        | <input type="radio"/> 1 cup per day          |
| <input type="radio"/> 1 cup per week            | <input type="radio"/> 2-3 cups per day       |
| <input type="radio"/> 2-4 cups per week         | <input type="radio"/> 4-5 cups per day       |
|   | <input type="radio"/> 6 or more cups per day |

116a. How often was the coffee you drank **decaffeinated**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

*Question 117 appears in the next column.*

117. How many glasses of **ICED tea**, caffeinated or decaffeinated, did you drink?

☐ **NONE (GO TO QUESTION 118)**

- |   |  |
|---|--|
| <input type="radio"/> Less than 1 cup per month | <input type="radio"/> 5-6 cups per week      |
| <input type="radio"/> 1-3 cups per month        | <input type="radio"/> 1 cup per day          |
| <input type="radio"/> 1 cup per week            | <input type="radio"/> 2-3 cups per day       |
| <input type="radio"/> 2-4 cups per week         | <input type="radio"/> 4-5 cups per day       |
|   | <input type="radio"/> 6 or more cups per day |

117a. How often was the iced tea you drank **decaffeinated or herbal tea**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

118. How many cups of **HOT tea**, caffeinated or decaffeinated, did you drink?

☐ **NONE (GO TO QUESTION 119)**

- |   |  |
|---|--|
| <input type="radio"/> Less than 1 cup per month | <input type="radio"/> 5-6 cups per week      |
| <input type="radio"/> 1-3 cups per month        | <input type="radio"/> 1 cup per day          |
| <input type="radio"/> 1 cup per week            | <input type="radio"/> 2-3 cups per day       |
| <input type="radio"/> 2-4 cups per week         | <input type="radio"/> 4-5 cups per day       |
|   | <input type="radio"/> 6 or more cups per day |

118a. How often was the hot tea you drank **decaffeinated or herbal tea**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

119. How often did you add **sugar or honey** to your coffee or tea?

☐ **NEVER (GO TO QUESTION 120)**

- |  |   |
|--|---|
| <input type="radio"/> Less than 1 time per month | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 1-3 times per month        | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week            | <input type="radio"/> 2-3 times per day       |
| <input type="radio"/> 2-4 times per week         | <input type="radio"/> 4-5 times per day       |
|  | <input type="radio"/> 6 or more times per day |

119a. Each time **sugar or honey** was added to your coffee or tea, how much was usually added?

- ☐ Less than 1 teaspoon
- ☐ 1 to 3 teaspoons
- ☐ More than 3 teaspoons

*Question 120 appears on the next page.*

Over the past 12 months...

120. How often did you add **artificial sweetener** to your coffee or tea?

☐ NEVER (GO TO QUESTION 121)

- |  |   |
|--|---|
| <input type="radio"/> Less than 1 time per month | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 1-3 times per month        | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week            | <input type="radio"/> 2-3 times per day       |
| <input type="radio"/> 2-4 times per week         | <input type="radio"/> 4-5 times per day       |
|  | <input type="radio"/> 6 or more times per day |

120a. What kind of **artificial sweetener** do you usually use?

- ☐ Equal or aspartame  
☐ Sweet N Low or saccharin  
☐ Splenda

121. How often was **non-dairy creamer** added to your coffee or tea?

☐ NEVER (GO TO QUESTION 122)

- |  |   |
|--|---|
| <input type="radio"/> Less than 1 time per month | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 1-3 times per month        | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week            | <input type="radio"/> 2-3 times per day       |
| <input type="radio"/> 2-4 times per week         | <input type="radio"/> 4-5 times per day       |
|  | <input type="radio"/> 6 or more times per day |

121a. Each time **non-dairy creamer** was added to your coffee or tea, how much was usually added?

- ☐ Less than 1 teaspoon  
☐ 1 to 3 teaspoons  
☐ More than 3 teaspoons

121b. What kind of **non-dairy creamer** did you usually use?

- ☐ Regular powdered  
☐ Low-fat or fat-free powdered  
☐ Regular liquid  
☐ Low-fat or fat-free liquid

122. How often was **cream** or **half and half** added to your coffee or tea?

☐ NEVER (GO TO QUESTION 123)

- |  |   |
|--|---|
| <input type="radio"/> Less than 1 time per month | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 1-3 times per month        | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week            | <input type="radio"/> 2-3 times per day       |
| <input type="radio"/> 2-4 times per week         | <input type="radio"/> 4-5 times per day       |
|  | <input type="radio"/> 6 or more times per day |

Question 123 appears in the next column.

122a. Each time **cream** or **half and half** was added to your coffee or tea, how much was usually added?

- ☐ Less than 1 tablespoon  
☐ 1 to 2 tablespoons  
☐ More than 2 tablespoons

123. How often was **milk** added to your coffee or tea?

☐ NEVER (GO TO QUESTION 124)

- |  |   |
|--|---|
| <input type="radio"/> Less than 1 time per month | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 1-3 times per month        | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week            | <input type="radio"/> 2-3 times per day       |
| <input type="radio"/> 2-4 times per week         | <input type="radio"/> 4-5 times per day       |
|  | <input type="radio"/> 6 or more times per day |

123a. Each time **milk** was added to your coffee or tea, how much was usually added?

- ☐ Less than 1 tablespoon  
☐ 1 to 3 tablespoons  
☐ More than 3 tablespoons

123b. What kind of **milk** was usually added to your coffee or tea?

- ☐ Whole milk  
☐ 2% fat milk  
☐ 1 % fat milk  
☐ Skim, nonfat, or 1/2% milk  
☐ Evaporated or condensed (canned) milk  
☐ Soy milk  
☐ Rice milk  
☐ Other

124. How often was **sugar** or **honey** added to foods you ate? (Please do not include sugar in coffee, tea, other beverages, or baked goods).

☐ NEVER (GO TO INTRODUCTION TO QUESTION 125)

- |   |   |
|---|---|
| <input type="radio"/> 1-6 times per year  | <input type="radio"/> 2 times per week        |
| <input type="radio"/> 7-11 times per year | <input type="radio"/> 3-4 times per week      |
| <input type="radio"/> 1 time per month    | <input type="radio"/> 5-6 times per week      |
| <input type="radio"/> 2-3 times per month | <input type="radio"/> 1 time per day          |
| <input type="radio"/> 1 time per week     | <input type="radio"/> 2 or more times per day |

124a. Each time **sugar** or **honey** was added to foods you ate, how much was usually added?

- ☐ Less than 1 teaspoon  
☐ 1 to 3 teaspoons  
☐ More than 3 teaspoons

Question 125 appears on the next page.

The following questions are about the kinds of margarine, mayonnaise, sour cream, cream cheese, and salad dressing that you eat. If possible, please check the labels of these foods to help you answer.

125. Over the past 12 months, did you eat **margarine**?

☐ NO (GO TO QUESTION 126)

☐ YES

125a. How often was the margarine you ate **regular-fat margarine** (stick or tub)?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

125b. How often was the margarine you ate **light or low-fat margarine** (stick or tub)?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

125c. How often was the margarine you ate **fat-free margarine**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

126. Over the past 12 months, did you eat **butter**?

☐ NO (GO TO QUESTION 127)

☐ YES

126a. How often was the butter you ate **light or low-fat butter**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

*Question 127 appears in the next column.*

127. Over the past 12 months, did you eat **mayonnaise** or **mayonnaise-type dressing**?

☐ NO (GO TO QUESTION 128)

☐ YES

127a. How often was the mayonnaise you ate **regular-fat mayonnaise**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

127b. How often was the mayonnaise you ate **light or low-fat mayonnaise**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

127c. How often was the mayonnaise you ate **fat-free mayonnaise**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

128. Over the past 12 months, did you eat **sour cream**?

☐ NO (GO TO QUESTION 129)

☐ YES

128a. How often was the sour cream you ate **regular-fat sour cream**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

128b. How often was the sour cream you ate **light, low-fat or fat-free sour cream**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

*Question 129 appears on the next page.*

Over the past 12 months...

129. Over the past 12 months, did you eat **cream cheese**?

☐ NO (GO TO QUESTION 130)

☐ YES

129a. How often was the cream cheese you ate **regular-fat cream cheese**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

129b. How often was the cream cheese you ate **light, low-fat or fat-free cream cheese**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

130. Over the past 12 months, did you eat **salad dressing**?

☐ NO (GO TO INTRODUCTION TO QUESTION 131)

☐ YES

130a. How often was the salad dressing you ate **regular-fat salad dressing** (including oil and vinegar dressing)?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

130b. How often was the salad dressing you ate **light or low-fat salad dressing**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

130c. How often was the salad dressing you ate **fat-free salad dressing**?

- ☐ Almost never or never
- ☐ About 1/4 of the time
- ☐ About 1/2 of the time
- ☐ About 3/4 of the time
- ☐ Almost always or always

Question 131 appears in the next column.

The following two questions ask you to summarize your usual intake of vegetables and fruits. Please do not include salads, potatoes, or juices.

131. Over the past 12 months, how many servings of **vegetables** (not including salad or potatoes) did you eat per week or per day?

- ☐ Less than 1 per week
- ☐ 1-2 per week
- ☐ 3-4 per week
- ☐ 5-6 per week
- ☐ 1 per day
- ☐ 2 per day
- ☐ 3 per day
- ☐ 4 per day
- ☐ 5 or more per day

132. Over the past 12 months, how many servings of **fruit** (not including juices) did you eat per week or per day?

- ☐ Less than 1 per week
- ☐ 1-2 per week
- ☐ 3-4 per week
- ☐ 5-6 per week
- ☐ 1 per day
- ☐ 2 per day
- ☐ 3 per day
- ☐ 4 per day
- ☐ 5 or more per day

133. Over the past month, which of the following foods did you eat **AT LEAST THREE TIMES**? (Mark as many as apply.)

- |  |  |
|--|--|
| <input type="radio"/> Avocado, guacamole                                   | <input type="radio"/> Olives                                 |
| <input type="radio"/> Cheesecake   | <input type="radio"/> Oysters                                |
| <input type="radio"/> Chocolate, fudge, or butterscotch toppings or syrups | <input type="radio"/> Pickles or pickled vegetables or fruit |
| <input type="radio"/> Chow mein noodles                                    | <input type="radio"/> Plantains                              |
| <input type="radio"/> Croissants   | <input type="radio"/> Pork neckbones, hock, head, feet       |
| <input type="radio"/> Dried apricots                                       | <input type="radio"/> Pudding or custard                     |
| <input type="radio"/> Egg rolls  | <input type="radio"/> Veal, venison, lamb                    |
| <input type="radio"/> Granola bars   | <input type="radio"/> Whipped cream, regular                 |
| <input type="radio"/> Hot peppers  | <input type="radio"/> Whipped cream, substitute              |
| <input type="radio"/> Jello, gelatin                                       | <input type="radio"/> NONE                                   |
| <input type="radio"/> Milkshakes or ice-cream sodas                        |  |

134. For all of the past 12 months, have you followed any type of **vegetarian diet**?

☐ NO (GO TO INTRODUCTION TO QUESTION 135)

☐ YES

134a. Which of the following food did you **TOTALLY EXCLUDE** from your diet? (Mark all that apply.)

- ☐ Meat (beef, pork, lamb, etc.)
- ☐ Poultry (chicken, turkey, duck)
- ☐ Fish and seafood
- ☐ Eggs
- ☐ Dairy products (milk, cheese, etc.)

Question 135 appears in the next column.

63017

The next questions are about your use of fiber supplements or vitamin pills.

135. Over the past 12 months, did you take any of the following types of **fiber** or **fiber supplements** on a regular basis (more than once per week for at least 6 of the last 12 months)? *(Mark all that apply.)*

- ☐ NO, didn't take any fiber supplements on a regular basis *(GO TO QUESTION 136)*
- ☐ YES, psyllium products (such as Metamucil, Prodiem, Correctol)
- ☐ YES, Bran (such as wheat bran, oat bran, or bran wafers)

136. Over the past 12 months, did you take any **multivitamins**, such as One-a-Day-, or Centrum-type multivitamins (as pills, liquids, or packets)?

- ☐ NO *(GO TO INTRODUCTION TO QUESTION 138)*
- ☐ YES

137. How often did you take **One-a-Day-, or Centrum-type** multivitamins?

- ☐ Less than 1 day per month
- ☐ 1-3 days per month
- ☐ 1-3 days per week
- ☐ 4-6 days per week
- ☐ Every day

137a. Does your **multivitamin** usually contain **minerals** (such as iron, zinc, etc.)?

- ☐ NO
- ☐ YES
- ☐ Don't know

137b. For how many years have you taken **multivitamins**?

- ☐ Less than 1 year
- ☐ 1-4 years
- ☐ 5-9 years
- ☐ 10 or more years

*Question 138 appears in the next column.*

These last questions are about the vitamins, minerals, or herbal supplements you took that are **NOT** part of a One-a-Day- or Centrum-type of multivitamin. Please include vitamins taken as part of an antioxidant supplement.

138. How often did you take **Beta-carotene** (NOT as part of a multivitamin in Question 137)?

- ☐ NEVER *(GO TO QUESTION 139)*
- ☐ Less than 1 day per month
- ☐ 1-3 days per month
- ☐ 1-3 days per week
- ☐ 4-6 days per week
- ☐ Every day

138a. When you took **Beta-carotene**, about how much did you take in one day?

- ☐ Less than 10,000 IU
- ☐ 10,000 - 14,999 IU
- ☐ 15,000 - 19,999 IU
- ☐ 20,000 - 24,999 IU
- ☐ 25,000 IU or more
- ☐ Don't know

138b. For how many years have you taken **Beta-carotene**?

- ☐ Less than 1 year
- ☐ 1-4 years
- ☐ 5-9 years
- ☐ 10 or more years

139. How often did you take **Vitamin A** (NOT as part of a multivitamin in Question 137)?

- ☐ NEVER *(GO TO QUESTION 140)*
- ☐ Less than 1 day per month
- ☐ 1-3 days per month
- ☐ 1-3 days per week
- ☐ 4-6 days per week
- ☐ Every day

139a. When you took **Vitamin A**, about how much did you take in one day?

- ☐ Less than 8,000 IU
- ☐ 8,000 - 9,999 IU
- ☐ 10,000 - 14,999 IU
- ☐ 15,000 - 24,999 IU
- ☐ 25,000 IU or more
- ☐ Don't know

*Question 140 appears on the next page.*



139b. For how many years have you taken **Vitamin A**?

- ☐ Less than 1 year
- ☐ 1-4 years
- ☐ 5-9 years
- ☐ 10 or more years

140. How often did you take **Vitamin C** (NOT as part of a multivitamin in Question 137)?

☐ NEVER (GO TO QUESTION 141)

- ☐ Less than 1 day per month
- ☐ 1-3 days per month
- ☐ 1-3 days per week
- ☐ 4-6 days per week
- ☐ Every day

140a. When you took **Vitamin C**, about how much did you take in one day?

- ☐ Less than 500 mg
- ☐ 500-999 mg
- ☐ 1,000-1,499 mg
- ☐ 1,500-1,999 mg
- ☐ 2,000 mg or more
- ☐ Don't know

140b. For how many years have you taken **Vitamin C**?

- ☐ Less than 1 year
- ☐ 1-4 years
- ☐ 5-9 years
- ☐ 10 or more years

141. How often did you take **Vitamin E** (NOT as part of a multivitamin in Question 137)?

☐ NEVER (GO TO QUESTION 142)

- ☐ Less than 1 day per month
- ☐ 1-3 days per month
- ☐ 1-3 days per week
- ☐ 4-6 days per week
- ☐ Every day

Question 142 appears in the next column.

141a. When you took **Vitamin E**, about how much did you take in one day?

- ☐ Less than 400 IU
- ☐ 400-799 IU
- ☐ 800-999 IU
- ☐ 1,000 IU or more
- ☐ Don't know

141b. For how many years have you taken **Vitamin E**?

- ☐ Less than 1 year
- ☐ 1 - 4 years
- ☐ 5 - 9 years
- ☐ 10 or more years

142. How often did you take **Calcium supplements** or **Calcium containing antacids** (NOT as part of a multi vitamin in Question 137)?

☐ NEVER (GO TO QUESTION 143)

- ☐ Less than 1 day per month
- ☐ 1-3 days per month
- ☐ 1-3 days per week
- ☐ 4-6 days per week
- ☐ Every day

142a. When you took **Calcium supplements** or **Calcium containing antacids**, about how much elemental calcium did you take in one day? (If possible, please check label for elemental calcium.)

- ☐ Less than 500 mg
- ☐ 500-599 mg
- ☐ 600-999mg
- ☐ 1,000 mg or more
- ☐ Don't know

142b. For how many years have you taken **Calcium supplements** or **calcium-containing antacids** ?

- ☐ Less than 1 year
- ☐ 1 - 4 years
- ☐ 5 - 9 years
- ☐ 10 or more years

Question 143 appears on the next page.

11

1

- 

**These last two questions ask about other supplements you took more than once per week.**

A colorful illustration of a traditional Chinese market stall. The stall has a large, curved, light brown roof with a green awning hanging from it. The awning has vertical stripes. Under the awning, there are several wooden tables or counters. On the left, there are two small bowls or containers, one with green food and one with red food. On the right, there is a larger wooden box or tray filled with yellow food, possibly dumplings or buns. The background is a solid light blue color.

[illegible]

63017