Source: NCI DHQ (with added questions for pregnancy)
Visits: Within X days of P1 visit
Mode: Self-administered Estimated Time: $\mathbf{3 0}$ minutes

BAR CODE LABEL OR SUBJECT ID HERE


## NATIONAL CHILDREN'S STUDY

## DIET HISTORY QUESTIONNAIRE P1



PROTECTION OF PRIVACY STATEMENT INSERTED HERE

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## GENERAL INSTRUCTIONS

- This questionnaire asks you about the foods you ate over the past 3 months.
- Answer each question as best you can. Estimate if you are not sure. A guess is better than leaving a blank.
- Use only a black ball-point pen. Do not use a pencil or felt-tip pen. Do not fold, staple, or tear the pages.
- Put an $X$ in the box next to your answer.
- If you make any changes, cross out the incorrect answer and put an X in the box next to the correct answer. Also draw a circle around the correct answer.
- If you mark NEVER, NO, or DON'T KNOW for a question, please follow any arrows or instructions that direct you to the next question.

PLEASE COMPLETE THE FOLLOWING QUESTIONS FIRST.

Today's date:

| MONTH | DAY |  | YEAR |
| :---: | :---: | :---: | :---: |
|  |  |  | $\square 2007$ |
| $\square \mathrm{Feb}$ | 0 | 0 | $\square 2008$ |
| Mar | $\square$ | $\square$ | $\square 2009$ |
| Apr | 2 | ${ }_{\square}$ | $\square 2010$ |
| May | $\square$ |  | $\square 2011$ |
| Jun |  |  | $\square 2012$ |
| Jul |  | $\square 4$ | $\square 2013$ |
| Aug |  | $\square 5$ | 2014 |
| Sep |  | 6 |  |
| Oct |  | $\square 7$ |  |
| Nov |  | $\square 8$ |  |
| Dec |  | $\square 9$ |  |

In what month were you born?


In what year were you born?


1. Over the past 3 months, how often did you drink tomato juice or vegetable juice?

NEVER (GO TO QUESTION 2)1 time per month 2-3 times per month 1-2 times per week 3-4 times per week

1 time per day 2-3 times per day 4-5 times per day 6 or more times per day
5-6 times per week
1a. Each time you drank tomato juice or vegetable juice, how much did you usually drink?Less than $3 / 4$ cup ( 6 ounces)
$3 / 4$ to $1 \frac{11 / 4}{}$ cups ( 6 to 10 ounces)
More than $1 \frac{1}{4}$ cups ( 10 ounces)
2. Over the past 3 months, how often did you drink orange juice or grapefruit juice?
$\square \square$ NEVER (GO TO QUESTION 3)

| $\square 1$ time per month | $\square 1$ time per day |
| :--- | :--- |
| $\square 2-3$ times per month | $\square 2-3$ times per day |
| $\square 1-2$ times per week | $\square 4-5$ times per day |
| $\square 3-4$ times per week | $\square 6$ or more times per day |
| $\square 5-6$ times per week |  |

2a. Each time you drank orange juice or grapefruit juice, how much did you usually drink?Less than $3 / 4$ cup ( 6 ounces) $3 / 4$ to $1^{11 / 4}$ cups ( 6 to 10 ounces) More than $1^{1 / 1 / 4}$ cups ( 10 ounces)
3. Over the past 3 months, how often did you drink other 100\% fruit juice or 100\% fruit juice mixtures (such as apple, grape, pineapple, or others)?
$\square$ NEVER (GO TO QUESTION 4)

| $\square 1$ time per month | $\square 1$ time per day |
| :--- | :--- |
| $\square 2-3$ times per month | $\square 2-3$ times per day |
| $\square 1-2$ times per week | $\square 4-5$ times per day |
| $\square 3-4$ times per week | $\square 6$ or more times per day |
| $\square 5-6$ times per week |  |

3a. Each time you drank other fruit juice or fruit juice mixtures, how much did you usually drink?Less than $3 / 4$ cup ( 6 ounces) $3 / 4$ to $1 \frac{1}{2}$ cups ( 6 to 12 ounces) More than $1^{11 / 2}$ cups ( 12 ounces)
4. Over the past 3 months, how often did you drink other fruit drinks (such as cranberry cocktail, $\mathrm{Hi}-\mathrm{C}$, lemonade, or Kool-Aid, diet or regular)?

## $\square$ NEVER (GO TO QUESTION 5)

| $\square$ 1 time per month | $\square 1$ time per day |
| :--- | :--- |
| $\square$ | $\square-3$ times per month |
| $\square$ | $\square-3$ times per day |
| $\square$ | $1-2$ times per week |
| $\square$ | $\square-5$ times per day |
| $\square$ | $\square-4$ times per week |
| $\square$ | $\square$ or more times per day |

4a. Each time you drank fruit drinks, how much did you usually drink?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?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
5. How often did you drink milk as a beverage (NOT in coffee, NOT in cereal)? (Please include chocolate milk, hot chocolate made with milk, soy milk, rice milk, and other types of milk.)
$\square$ NEVER (GO TO QUESTION 6)

| 1 time per month | 1 time per day |
| :---: | :---: |
| 2-3 times per month | 2-3 times per day |
| 1-2 times per week | 4-5 times per day |
| 3-4 times per week | $\square 6$ or more times per day |
| 5-6 times per week |  |

5a. Each time you drank milk as a beverage, how much did you usually drink?Less than 1 cup (8 ounces)
1 to $11 / 2$ cups ( 8 to 12 ounces)
More than $11 / 2$ cups (12 ounces)
5b. What kind of milk did you usually drink?


Question 4 appears in the next column.

## Over the past 3 months...

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


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

6a. Each time you drank meal replacement beverages, how much did you usually drink?
$\square$ Less than 1 cup (8 ounces)1 to $1 \frac{1}{2}$ cups ( 8 to 12 ounces) More than $1 \frac{1}{2}$ cups ( 12 ounces)
7. How often did you drink soft drinks, soda, or pop?

NEVER (GO TO QUESTION 8)
1 time per month
2-3 times per month
1 time per day
1-2 times per week 2-3 times per day
3-4 times per week 4-5 times per day 6 or more times per day
5-6 times per week

7a. Each time you drank soft drinks, soda, or pop, how much did you usually drink?
$\square$ Less than 12 ounces or less than 1 can or bottle12 to 16 ounces or 1 can or bottle More than 16 ounces or more than 1 can or bottle

7b. How often were these soft drinks, soda, 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
7c. How often were these soft drinks, soda, 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
Question 8 appears in the next column.
8. How often did you drink beer?
$\square$ NEVER (GO TO QUESTION 9)


8a. 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
9. How often did you drink wine or wine coolers?
$\square \square$ NEVER (GO TO QUESTION 10)

| 1 time per month | 1 time per day |
| :---: | :---: |
| 2-3 times per month | 2-3 times per day |
| 1-2 times per week | 4-5 times per day |
| 3-4 times per week | 6 or more times per day |
| 5-6 times per week |  |

9a. Each time you drank wine or wine coolers, how much did you usually drink?
$\square$ Less than 5 ounces or less than 1 glass
$\square 5$ to 12 ounces or 1 to 2 glasses
$\square$ More than 12 ounces or more than 2 glasses
10. How often did you drink liquor or mixed drinks?

NEVER (GO TO QUESTION 11)


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


Question 11 appears on the next page.

## Over the past 3 months...

11. How often did you eat oatmeal, grits, or other cooked cereal?


NEVER (GO TO QUESTION 12)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

11a. Each time you ate oatmeal, grits, or other cooked cereal, how much did you usually eat?
$\square$ Less than $3 / 4$ cup
$\square 3 / 4$ to $1 \frac{1}{4}$ cups
$\square$ More than $1 \frac{114}{4}$ cups
12. How often did you eat cold cereal?
$\square$ NEVER (GO TO QUESTION 13)1 time per month 2-3 times per month 1 time per week 2 times per week3-4 times per week 5-6 times per week 1 time per day 2 or more times per day

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 $2 ½$ cups
12b. How often was the cold cereal you ate Total, Product 19, or Right Start?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

12c. 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

12d. 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, Wheaties, or Healthy Choice)?
$\square$ Almost never or never
$\square$ About $1 / 4$ of the time
About $1 / 2$ of the time
$\square$ About $3 / 4$ of the time
Almost always or always
12e. 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

12f. Was milk added to your cold cereal? (Please include soy milk, rice milk, and other kinds of milk)?


12 g . 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
Raw, unpasteurized milk
Other kind of milk
12h. 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
13. How often did you eat applesauce?


## Over the past 3 months...

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
14. How often did you eat apples?
$\square \square$ NEVER (GO TO QUESTION 15)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

14a. Each time you ate apples, how many did you usually eat?Less than 1 apple 1 apple
$\square$ More than 1 apple
15. How often did you eat pears (fresh, canned, or frozen)?
$\square \square$ NEVER (GO TO QUESTION 16)1 time per month
2-3 times per month
1 time per week3-4 times per week 5-6 times per week 2 times per week 1 time per day 2 or more times per day

15a. Each time you ate pears, how many did you usually eat?Less than 1 pear
1 pear
More than 1 pear
16. How often did you eat bananas?


Question 17 appears in the next column.

16a. Each time you ate bananas, how many did you usually eat?
$\square$ Less than 1 banana
$\square 1$ banana
$\square$ More than 1 banana
17. How often did you eat dried fruit, such as prunes or raisins (not including dried apricots)?
$\square$ NEVER (GO TO QUESTION 18)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

17a. Each time you ate dried fruit, how much did you usually eat (not including dried apricots)?Less than 2 tablespoons
$\square 2$ to 5 tablespoons More than 5 tablespoons
18. How often did you eat peaches, nectarines, or plums (fresh, canned, or frozen)?

NEVER (GO TO QUESTION 19)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

18a. 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
19. How often did you eat grapes?
$\square$ NEVER (GO TO QUESTION 20)
$\begin{array}{ll}\square 1 \text { time per month } & \square 3-4 \text { times per week } \\ \square 12-3 \text { times per month } & \square 5-6 \text { times per week } \\ \square 1 \text { time per week } & \square 1 \text { time per day } \\ \square 2 \text { times per week } & \square 2 \text { or more times per day }\end{array}$
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

## Over the past 3 months...

20. How often did you eat fresh or frozen cantaloupe?

## $\square$ NEVER (GO TO QUESTION 21)

1 time per month2-3 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

20a. 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
21. How often did you eat fresh or frozen melon, other than cantaloupe (such as watermelon or honeydew)?
$\square$ NEVER (GO TO QUESTION 22)1 time per month 3-4 times per week
2-3 times per month 5-6 times per week
1 time per week 1 time per day 2 or more times per day

21a. 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
22. How often did you eat fresh or frozen strawberries?NEVER (GO TO QUESTION 23)
1 time per mont
2-3 times per month 3-4 times per week

1 time per week 5-6 times per week 1 time per day 2 or more times per day

22a. 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
23. How often did you eat oranges, tangerines, or tangelos (fresh or canned)?

## NEVER (GO TO QUESTION 24)

1 time per month 2-3 times per month 1 time per week 2 times per week5-6 times per week1 time per day 2 or more times per day23a. Each time you ate oranges, tangerines, or tangelos, how many did you usually eat?

Less than 1 fruit 1 fruit
More than 1 fruit
24. How often did you eat grapefruit (fresh or canned)?
$\square$ NEVER (GO TO QUESTION 25)
$\left.\begin{array}{ll}\square 1 \text { time per month } & \square 3-4 \text { times per week } \\ \square \square & \text { 2-3 times per month }\end{array}\right) \quad \square 5-6$ times per week

24a. Each time you ate grapefruit, how much did you usually eat?Less than $1 / 2$ grapefruit
$1 / 2$ grapefruit
$\square$ More than $1 / 2$ grapefruit
25. How often did you eat other kinds of fruit?
$\square$ NEVER (GO TO QUESTION 26)
$\begin{array}{ll}\square \text { 1 time per month } & \square \text { 3-4 times per week } \\ \square \text { 2-3 times per month } & \square 5-6 \text { times per week } \\ \square 1 \text { time per week } & \square 1 \text { time per day } \\ \square 2 \text { times per week } & \square 2 \text { or more times per day }\end{array}$
25a. Each time you ate other kinds of fruit, how much did you usually eat?
$\square$ Less than $1 / 4$ cup
$1 / 4$ to $3 / 4$ cup
More than $3 / 4$ cup


Question 26 appears on the next page.

## Over the past 3 months...

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

## $\square$ NEVER (GO TO QUESTION 27)

| $\square$ 1 time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ 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
27. How often did you eat RAW greens (such as spinach, turnip, collard, mustard, chard, or kale)? (We will ask about lettuce later.)
$\square \square$ NEVER (GO TO QUESTION 28)1 time per month 2-3 times per month 3-4 times per week 5-6 times per week 1 time per week 2 times per week 1 time per day 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
28. How often did you eat coleslaw?NEVER (GO TO QUESTION 29)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square 12-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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

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

## $\square$ NEVER (GO TO QUESTION 30)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square$ 5-6 times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

29a. Each time you ate cabbage, how much did you usually eat?Less than $1 / 4$ cup
$1 / 4$ to 1 cup
$\square$ More than 1 cup
30. How often did you eat carrots (fresh, canned, or frozen)?NEVER (GO TO QUESTION 31)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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

NEVER (GO TO QUESTION 32)
$\square 1$ time per month 3-4 times per week
$\square$ 2-3 times per month 1 time per week 2 times per week 5-6 times per week 1 time per day $\square 2$ or more times per day

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


Question 32 appears on the next page.

## Over the past 3 months...

32. How often did you eat peas (fresh, canned, or frozen)?
$\square \square$ NEVER (GO TO QUESTION 33)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 week2 or more times per day

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
33. How often did you eat corn (fresh, canned, or frozen)?
$\qquad$ NEVER (GO TO QUESTION 34)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square 1-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

33a. 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
34. How often did you eat broccoli (fresh or frozen)?
$\square$ NEVER (GO TO QUESTION 35)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square 5-6$ times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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


Question 35 appears in the next column
35. How often did you eat cauliflower or Brussels sprouts (fresh or frozen)?
$\square$ NEVER (GO TO QUESTION 36)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ | 2-3 times per month |
| $\square$ | $\square$ 5-6 times per week |
| $\square$ | 1 time per week |
| $\square$ | times per week |

35a. Each time you ate cauliflower or Brussels sprouts, how much did you usually eat?
$\square$ Less than $1 / 4$ cup
$1 / 4$ to $1 / 2$ cup
More than $1 / 2$ cup
36. How often did you eat mixed vegetables?
$\square \square$ NEVER (GO TO QUESTION 37)1 time per month
2-3 times per month
1 time per week
2 times per week3-4 times per week 5-6 times per week $\square 1$ time per day $\square 2$ or more times per day

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
37. How often did you eat onions?

## NEVER (GO TO QUESTION 38)

| $\square 1$ time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square$ 5-6 times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 12$ times per week | $\square 2$ or more times per day |

37a. Each time you ate onions, how much did you usually eat?
$\square$ Less than 1 slice or less than 1 tablespoon
$\square 1$ slice or 1 to 4 tablespoons
More than 1 slice or more than 4 tablespoons


Question 38 appears on the next page.

## Over the past 3 months...

38. Now think about all the cooked vegetables you ate in the past 3 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.)
$\square \square$ NEVER (GO TO QUESTION 39)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square$ 5-6 times per week |
| $\square 1$ itme per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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

```
    Margarine (including
        low-fat)
        \square \text { Butter (including}
        low-fat)
    \square \text { Lard, fatback, or} bacon fat
```

```Olive oil
```

Corn oil $\square$ Canola or rapeseed oil Oil spray, such as Pam or others
$\square$ Other kinds of oils $\square$ None of the above
39. Now, thinking again about all the cooked vegetables you ate in the past 3 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)
1 time per month 2-3 times per month 1 time per week 2 times per week
$\square$ 3-4 times per week
$\square$ 5-6 times per week
$\square 1$ time per day
$\square 2$ or more times per day

39a. Which fats, sauces, or dressings were usually added AFTER COOKING OR AT THE TABLE? (Please do not include potatoes. Mark all that apply.)Margarine
Salad dressing (including low-fat) Butter (including low-fat)Cheese sauce White sauce
$\square$ Lard, fatback, or bacon fat

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

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 tablespoon1 to 3 tablespoons More than 3 tablespoons
40. Over the past 3 months, how often did you eat sweet peppers (green, red, or yellow)?
$\square$ NEVER (GO TO QUESTION 41)


40a. Each time you ate sweet peppers, how much did you usually eat?Less than $1 / 8$ pepper
$1 / 8$ to $1 / 4$ pepper
$\square$ More than $1 / 4$ pepper
41. How often did you eat fresh tomatoes (including those in salads)?
$\square$ NEVER (GO TO QUESTION 42)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

41a. Each time you ate fresh tomatoes, how much did you usually eat?Less than $1 / 4$ tomato
$1 / 4$ to $1 / 2$ tomato
$\square$ More than $1 / 2$ tomato

## Over the past 3 months...

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


NEVER (GO TO QUESTION 43)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

42a. Each time you ate lettuce salads, how much did you usually eat?Less than $1 / 4$ cup
$1 / 4$ to $1 \frac{1}{4}$ cups
More than $1 \frac{114}{4}$ cups
43. How often did you eat salad dressing (including low-fat) on salads?
$\qquad$ NEVER (GO TO QUESTION 44)

| $\square 1$ time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square$ 5-6 times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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

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

## NEVER (GO TO QUESTION 46)

1 time per month 3-4 times per week 2-3 times per month 1 time per week 2 times per week 5-6 times per week 1 time per day45a. 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
$\square 10$ to 25 fries or $1 / 2$ to 1 cup
More than 25 fries or more than 1 cup
45b. How often were the French fries, home fries, hash browned potatoes, or tater tots you ate prepared at restaurants including fastfood restaurants?Almost never or never
About $1 / 4$ of the time
About $1 / 2$ of the time
$\square$ About $3 / 4$ of the time
Almost always or always
46. How often did you eat potato salad?
$\square$ NEVER (GO TO QUESTION 47)1 time per month3-4 times per week 2-3 times per month 5-6 times per week
$\square 1$ time per week 2 times per week1 time per day $\square 2$ or more times per day

46a. Each time you ate potato salad, how much did you usually eat?
$\square$ Less than $1 / 2$ cup
$\square 1 / 2$ to 1 cup
$\square$ More than 1 cup
47. How often did you eat baked, boiled, or mashed potatoes?

$$
\begin{aligned}
& \square \text { NEVER (GO TO QUESTION 48) } \\
& \begin{array}{ll}
\square 1 \text { time per month } & \square 3-4 \text { times per week } \\
\square & \text { 2-3 times per month } \\
\hline \square & \text { 1 time per week } \\
\square & \square 1 \text { times per week } \\
\square 2 \text { times per week } & \square 2 \text { or more times per day }
\end{array}
\end{aligned}
$$

## Over the past 3 months...

47a. Each time you ate baked, boiled, or mashed Question 48 pappetas on the hexthache. 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

47b. How often were these potatoes baked?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

47c. How often was sour cream (including lowfat) added to your potatoes, EITHER IN COOKING OR AT THE TABLE?
$\square$ Almost never or never (GO TO QUESTION 47e) About $1 / 4$ of the time
About $1 / 2$ of the time
About $3 / 4$ of the time
Almost always or always
47d. Each time sour cream was added to your potatoes, how much was usually added?
$\square$ Less than 1 tablespoon
1 to 3 tablespoons
More than 3 tablespoons
47e. 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
47f. 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


47g. Each time margarine or butter was added to your potatoes, how much was usually added?
$\square$ Never added
$\square$ Less than 1 teaspoon
$\square 1$ to 3 teaspoons
$\square$ More than 3 teaspoons

47h. 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
47i. 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
48. How often did you eat salsa?
$\square$ NEVER (GO TO QUESTION 49)

| $\square 1$ time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square \quad 2-3$ times per month | $\square$ 5-6 times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

48a. Each time you ate salsa, how much did you usually eat?Less than 1 tablespoon
1 to 5 tablespoons
$\square$ More than 5 tablespoons
49. How often did you eat catsup?

$$
\begin{aligned}
& \square \text { NEVER (GO TO QUESTION 50) } \\
& \begin{array}{ll}
\square & \text { itime per month } \\
\square & \square \text { 3-4 times per week } \\
\square \text { 2-3 times per month } & \square 5-6 \text { times per week } \\
\square & \text { time per week }
\end{array} \\
& \square 2 \text { times per week }
\end{aligned}
$$

49a. Each time you ate catsup, how much did you usually eat?Less than 1 teaspoon
1 to 6 teaspoons More than 6 teaspoons

Question 50 appears on the next page.

## Over the past 3 months...

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

| $\square$ | $\square$ NEVER (GO TO QUESTION 51) |
| :--- | :--- |
| $\square$ time per month <br> $\square$ $\square$ 3-4 times per week <br> $\square$ $\square$ time per week | $\square$ 5-6 times per week |
| $\square$ | $\square 1$ times per week |

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
51. How often did you eat chili?NEVER (GO TO QUESTION 52)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square 12-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

51a. Each time you ate chili, how much did you usually eat?
$\square$ Less than $1 / 2$ cup
$1 / 2$ to $1^{3 / 4}$ cups
More than $1^{3} / 4$ cups
52. How often did you eat Mexican foods (such as tacos, tostados, burritos, tamales, fajitas, enchiladas, quesadillas, and chimichangas)?
$\square$ NEVER (GO TO QUESTION 53)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square 5-6$ times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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.


Question 53 appears in the next column.
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)

| $\square 1$ time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ 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

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

## $\square$ NEVER (GO TO QUESTION 55)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square$ 5-6 times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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


## Over the past 3 months...

55a. Each time you ate rice or other cooked grains, how much did you usually eat?
$\square$ Less than $1 / 2$ cup$1 / 2$ to $11 / 2$ cups
More than $11 / 2$ cups
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
56. How often did you eat pancakes, waffles, or French toast?

NEVER (GO TO QUESTION 57)

| 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| 2-3 times per month | $\square 5-6$ times per week |
| 1 time per week | $\square 1$ time per day |
| 2 times per week | $\square 2$ or more times per day |

56a. Each time you ate pancakes, waffles, or French toast, how much did you usually eat?
$\square$ Less than 1 medium piece1 to 3 medium pieces More than 3 medium pieces

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

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

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
56e. How often was syrup added to your pancakes, waffles, or French toast?
$\square \square$
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
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
$\square$ More than 4 tablespoons
57. How often did you eat lasagna, stuffed shells, stuffed manicotti, ravioli, or tortellini?
(Please do not include spaghetti or other pasta.)
$\square$ NEVER (GO TO QUESTION 58)
$\begin{array}{ll}\square 1 \text { time per month } & \square \text { 3-4 times per week } \\ \square \square 2-3 \text { times per month } & \square 5-6 \text { times per week } \\ \square 1 \text { 1 time per week } & \square 1 \text { time per day } \\ \square 2 \text { times per week } & \square 2 \text { or more times per day }\end{array}$
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
58. How often did you eat macaroni and cheese?


## Over the past 3 months...

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

Less than 1 cup1 to $11 / 2$ cups More than $11 / 2$ cups
59. How often did you eat pasta salad or macaroni salad?
$\qquad$ NEVER (GO TO QUESTION 60)

| $\square 1$ time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square$ 5-6 times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

59a. Each time you ate pasta salad or macaroni salad, how much did you usually eat?
$\square$ Less than $1 / 2$ cup
$\square 1 / 2$ to 1 cup
$\square$ More than 1 cup
60. Other than the pastas listed in Questions 57, 58, and 59 , how often did you eat pasta, spaghetti, or other noodles?
$\square \square$ NEVER (GO TO QUESTION 61)1 time per month 2-3 times per month
1 time per week
2 times per week3-4 times per week 5-6 times per week 1 time per day 2 or more times per day

60a. Each time you ate pasta, spaghetti, or other noodles, how much did you usually eat?Less than 1 cup1 to 3 cups
More than 3 cups
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

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

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

## NEVER (GO TO INTRODUCTION TO QUESTION 62)

1 time per month 3-4 times per week 2-3 times per month 1 time per week 2 times per week $\square$ 5-6 times per week $\square 1$ time per day $\square 2$ or more times per day

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

Less than 1 bagel or English muffin
1 bagel or English muffin
More than 1 bagel or English muffin
61b. How often were the bagels or English muffins you ate whole grain?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

61c. How often were your bagels or English muffins toasted?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

## Over the past 3 months...

61d. 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

61e. How often was butter (including low-fat) added to your bagels or English muffins?
$\square$ Almost never or never
$\square$ About $1 / 4$ of the time
$\square$ About $1 / 2$ of the time
About $3 / 4$ of the time
Almost always or always
61f. Each time margarine or butter was added to your bagels or English muffins, how much was usually added?Never addedLess than 1 teaspoon 1 to 2 teaspoonsMore than 2 teaspoons
61g. How often was cream cheese (including lowfat) spread on your bagels or English muffins?

```
\square \mp@code { A l m o s t ~ n e v e r ~ o r ~ n e v e r ~ ( G O ~ T O ~ I N T R O D U C T I O N } TO QUESTION 62)
\(\square\) About \(1 / 4\) of the time
About \(1 / 2\) of the time
About \(3 / 4\) of the time
Almost always or always
```

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

Less than 1 tablespoon1 to 2 tablespoons
More than 2 tablespoons


Introduction to question 62 appears in the next column.

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.

## Over the past 3 months...

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

## NEVER (GO TO QUESTION 63)



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

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
$\square$ About $1 / 2$ of the timeAbout $3 / 4$ of the time
Almost always or always
62c. How often were your sandwich breads or rolls toasted?Almost never or neverAbout $1 / 4$ of the time
$\square$ About $1 / 2$ of the time
About $3 / 4$ of the time
$\square$ Almost always or always
62d. How often was mayonnaise or mayonnaisetype dressing (including low-fat) added to your sandwich bread or rolls?Almost never or never (GO TO QUESTION 62f)
About $1 / 4$ of the time
About $1 / 2$ of the time
About $3 / 4$ of the time
Almost always or always

Question $62 f$ appears on the next page. Question 63 appears on the next page.

## Over the past 3 months...

62e. Each time mayonnaise or mayonnaise-type dressing was added to your sandwich breads or rolls, how much was usually added?Less than 1 teaspoon1 to 3 teaspoons
$\square$ More than 3 teaspoons
62f. 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
62g. How often was butter (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
62h. Each time margarine or butter was added to your sandwich breads or rolls, how much was usually added?Never addedLess than 1 teaspoon
1 to 2 teaspoonsMore than 2 teaspoons
63. How often did you eat breads or dinner rolls, NOT AS PART OF SANDWICHES?


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


Question 64 appears on the next page.

63b. How often were the breads or rolls you ate white bread?
$\square$ 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 were your breads or rolls toasted?
$\square$ Almost never or never
$\square$ About $1 / 4$ of the time
$\square$ About $1 / 2$ of the time
$\square$ About $3 / 4$ of the time
$\square$ Almost always or always

63d. How often was margarine (including low-fat) added to your 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
63e. How often was butter (including low-fat) added to your 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
63f. Each time margarine or butter was added to your breads or rolls, how much was usually added?

Never added
Less than 1 teaspoon
1 to 2 teaspoons
More than 2 teaspoons
63 g . How often was cream cheese (including lowfat) added to your breads or rolls?

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

63h. Each time cream cheese was added to your breads or rolls, how much was usually added?
$\square$ Less than 1 tablespoon1 to 2 tablespoons
$\square$ More than 2 tablespoons

Question 64 appears on the next page.

## Over the past 3 months...

64. How often did you eat jam, jelly, or honey on bagels, muffins, bread, rolls, or crackers?
$\square \square$
NEVER (GO TO QUESTION 65)1 time per month 2-3 times per month
1 time per week
2 times per week


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
65. How often did you eat peanut butter or other nut butter?
$\square \square$
NEVER (GO TO QUESTION 66)

| $\square$ 1 time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ 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
66. How often did you eat roast beef or steak IN SANDWICHES?NEVER (GO TO QUESTION 67)

| $\square 1$ time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square$ 5-6 times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 1$ times per week | $\square 2$ 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
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.)
$\square \square$
NEVER (GO TO QUESTION 68)

| $\square 1$ time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

67a. Each time you ate turkey or chicken COLD CUTS, how much did you usually eat?
$\square$ Less than 1 slice
1 to 3 slices
$\square$ More than 3 slices
68. How often did you eat luncheon or deli-style ham? (We will ask about other ham later.)
$\qquad$ NEVER (GO TO QUESTION 69)1 time per month
2-3 times per month3-4 times per week
1 time per week
2 times per week 5-6 times per week2 or more times per day

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
```

68b. How often was the luncheon or deli-style ham you ate light, low-fat, or fat-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
69. How often did you eat other cold cuts or luncheon meats (such as bologna, salami, corned beef, pastrami, or others, including lowfat)? (Please do not include ham, turkey, or chicken cold cuts.)


NEVER (GO TO QUESTION 70)


## Over the past 3 months...

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 $\square$ More than 3 slices

69b. How often were the other cold cuts or luncheon meats you ate light, low-fat, or fatfree cold cuts or luncheon meats? (Please do not include ham, turkey, or chicken cold cuts.)
$\square$ Almost never or never
$\square$ About $1 / 4$ of the time About $1 / 2$ of the time
About $3 / 4$ of the time
Almost always or always
70. How often did you eat canned tuna or tuna in foil pouches (including in salads, sandwiches, or casseroles)?


NEVER (GO TO QUESTION 71)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square$ 5-6 times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

70a. Each time you ate canned tuna or tuna in foil pouches, 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
70b. How often was the canned tuna or tuna in foil pouches 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
70c. How often was the canned tuna or tuna in foil pouches you ate white "meat" tuna including albacore?
$\square$ Almost never or never
$\square$ About $1 / 4$ of the time
About $1 / 2$ of the time
About $3 / 4$ of the time
Almost always or always

70d. How often was the canned tuna or tuna in foil pouches you ate prepared with mayonnaise or other dressing (including low-fat)?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)


71a. Each time you ate GROUND chicken or turkey, how much did you usually eat?
$\square$ Less than 2 ounces or less than $1 / 2$ cup
$\square 2$ to 4 ounces or $1 / 2$ to 1 cup More than 4 ounces or more than 1 cup
72. How often did you eat beef hamburgers or cheeseburgers?NEVER (GO TO QUESTION 73)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square 2-3$ times per month | $\square 5-6$ times per week |
| $\square \quad 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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

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

## Over the past 3 months...

73. How often did you eat ground beef in mixtures (such as meatballs, casseroles, chili, or meatloaf)?
$\square \square$
NEVER (GO TO QUESTION 74)

| $\square$ 1 time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

73a. Each time you ate ground beef in mixtures, how much did you usually eat?
$\square$ Less than 3 ounces or less than $1 / 2$ cup3 to 8 ounces or $1 / 2$ to 1 cup More than 8 ounces or more than 1 cup
74. How often did you eat hot dogs or frankfurters? (Please do not include sausages or vegetarian hot dogs.)
$\square \square$ NEVER (GO TO QUESTION 75)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

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


75a. Each time you ate beef stew, beef pot pie, beef and noodles, or beef and vegetables, how much did you usually eat?
76. How often did you eat roast beef or pot roast? (Please do not include roast beef or pot roast in sandwiches.)
$\square$ NEVER (GO TO QUESTION 77)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square$ 5-6 times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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
77. How often did you eat steak (beef)? (Do not include steak in sandwiches)
$\square$ NEVER (GO TO QUESTION 78)
$\begin{array}{ll}\square 1 \text { time per month } & \square \text { 3-4 times per week } \\ \square \square 2-3 \text { times per month } & \square 5-6 \text { times per week } \\ \square 1 \text { 1 time per week } & \square 1 \text { time per day } \\ \square 2 \text { times per week } & \square 2 \text { or more times per day }\end{array}$
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
77b. How often was the steak you ate lean steak?
$\square$ Almost never or never
$\square$ About $1 / 4$ of the time
$\square$ About $1 / 2$ of the time
$\square$ About $1 / 4$ of the time
$\square$ Almost always or always


Question 78 appears on the next page.

## Over the past 3 months...

78. How often did you eat pork or beef spareribs?
$\square \square$ NEVER (GO TO QUESTION 79)

| $\square 1$ time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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
79. How often did you eat roast turkey, turkey cutlets, or turkey nuggets (including in sandwiches)?
$\square \square$ NEVER (GO TO QUESTION 80)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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

Less than 2 ounces2 to 4 ounces
More than 4 ounces
80. How often did you eat chicken as part of salads, sandwiches, casseroles, stews, or other mixtures?
$\square \square$ NEVER (GO TO QUESTION 81)

| $\square$ 1 time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square 5-6$ times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

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 $11 / 2$ cups
More than $11 / 2$ cups
81. How often did you eat baked, broiled, roasted, stewed, or fried chicken (including nuggets)? (Please do not include chicken in mixtures.)
$\square$ NEVER (GO TO QUESTION 82)
1 time per month
3-4 times per week
2-3 times per month
1 time per week
2 times per week 5-6 times per week 1 time per day 2 or more times per day

81a. Each time you ate baked, broiled, roasted, stewed, or fried chicken (including nuggets), how much did you usually eat?
$\square$ Less than 2 drumsticks or wings, less than 1 breast or thigh, or less than 4 nuggets
$\square 2$ drumsticks or wings, 1 breast or thigh, or 4 to 8 nuggets
$\square$ More than 2 drumsticks or wings, more than 1 breast or thigh, or more than 8 nuggets

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
$\square$ About $1 / 2$ of the time
$\square$ About $3 / 4$ of the time
Almost always or always
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

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
82. How often did you eat baked ham or ham steak?
$\square$ NEVER (GO TO QUESTION 83)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square$ 5-6 times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

Question 83 appears on the next page.

## Over the past 3 months...

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

Less than 1 ounce1 to 3 ouncesMore than 3 ounces
83. How often did you eat pork (including chops, roasts, and in mixed dishes)? (Please do not include ham, ham steak, bacon, or sausage.)
$\square \square$ NEVER (GO TO QUESTION 84)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

83a. Each time you ate pork, how much did you usually eat?Less than 2 ounces or less than 1 chop 2 to 5 ounces or 1 chop More than 5 ounces or more than 1 chop
84. How often did you eat gravy on meat, chicken, potatoes, rice, etc.?
$\square \square$ NEVER (GO TO QUESTION 85)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 $\square 1$ time per day 2 or more times per day

84a. Each time you ate gravy on meat, chicken, potatoes, rice, etc., how much did you usually eat?Less than $1 / 8$ cup
$1 / 8$ to $1 / 2$ cup
More than $1 / 2$ cup
85. How often did you eat liver (all kinds) or liverwurst?


Question 86 appears in the next column.

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

Less than 1 ounce1 to 4 ounces More than 4 ounces
86. How often did you eat bacon (including low-fat)?

NEVER (GO TO QUESTION 87)

| $\square$ 1 time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

86a. Each time you ate bacon, how much did you usually eat?Fewer than 2 slices
$\square 2$ to 3 slices
$\square$ More than 3 slices
86b. How often was the bacon you ate light, lowfat, 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
87. How often did you eat sausage (including lowfat)?

$\square$ 3-4 times per week $\square$ 5-6 times per week1 time per day $\square 2$ or more times per day

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

Less 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?
$\square$ 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

## Over the past 3 months...

88. How often did you eat shellfish such as shrimp oysters, clams, crab, crayfish, or lobsters?
$\square \square$
NEVER (GO TO QUESTION 89)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
$\square 1$ time per day 2 or more times per day

88a. Each time you ate shellfish, how much did you usually eat?Less than 2 ounces
2 to 5 ounces
More than 5 ounces

88b. How often was the shellfish you ate shrimp?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

88c. How often was the shellfish you ate fried?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
89. How often did you eat fish sticks or fried fish? (NOT including shrimp or other shellfish)


89a. Each time you ate fish sticks or fried fish, how much did you usually eat?

Less than 2 ounces or less than 2 fish sticks 2 to 7 ounces or 2 to 3 fish sticks More than 7 ounces or more than 3 fish sticks


Question 90 appears in the next column.
90. How often did you eat fish that was NOT FRIED? (not including shrimp or other shellfish and not including canned tuna or tuna in foil pouches)

## $\square$ NEVER (GO TO INTRODUCTION TO QUESTION 91)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

90a. Each time you ate fish 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

Now think about all the meat, poultry, and fish you ate in the past 3 months and how they were prepared.
91. 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.)
$\square$ NEVER (GO TO QUESTION 92)1 time per month 2-3 times per month3-4 times per week 1 time per week 2 times per week5-6 times per week $\square 1$ time per day $\square 2$ or more times per day

91a. Which of the following fats were regularly used to prepare your meat, poultry, or fish?
(Mark all that apply.)
Margarine (including low-fat)
Butter (including low-fat)Lard, fatback, or bacon fatOlive oil
92. How often did you eat tofu, soy burgers, or soy meat-substitutes?
$\square \square$ NEVER (GO TO QUESTION 93)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square 5-6$ times per week |
| $\square 1$ itme per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

Question 93 appears on the next page.

## Over the past 3 months...

92a. 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
93. How often did you eat soup?


NEVER (GO TO QUESTION 94)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

93a. Each time you ate soup, how much did you usually eat?Less than 1 cup
1 to 2 cups
More than 2 cups
93b. 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
93c. 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
93d. 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


Question 94 appears in the next column.

93e. 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
94. How often did you eat pizza?
$\square$ NEVER (GO TO QUESTION 95)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

94a. Each time you ate pizza, how much did you usually eat?
$\square$ Less than 1 slice or less than 1 mini pizza1 to 3 slices or 1 mini pizza
$\square$ More than 3 slices or more than 1 mini pizza
94b. How often did you eat pizza with pepperoni, sausage, or other meat?
$\square$ Almost never or never About $1 / 4$ of the time About $1 / 2$ of the timeAbout $3 / 4$ of the time
Almost always or always
95. How often did you eat crackers?
$\square$ NEVER (GO TO QUESTION 96)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

95a. Each time you ate crackers, how many did you usually eat?Fewer than 4 crackers
4 to 10 crackers
More than 10 crackers
96. How often did you eat corn bread or corn muffins?


## Over the past 3 months...

96a. Each time you ate corn bread or corn muffins, how much did you usually eat?
$\square$ Less than 1 piece or muffin1 to 2 pieces or muffins
More than 2 pieces or muffins
97. How often did you eat biscuits?
$\square$ NEVER (GO TO QUESTION 98)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square$ 5-6 times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

97a. Each time you ate biscuits, how many did you usually eat?Fewer than 1 biscuit
1 to 2 biscuits
More than 2 biscuits
98. How often did you eat potato chips, tortilla chips, or corn chips (including low-fat, fat-free, or low-salt)?
$\square \square$ NEVER (GO TO QUESTION 99)

| $\square$ 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

98a. 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

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


NEVER (GO TO QUESTION 100)
1 time per month
2-3 times per month
1 time per week
2 times per week3-4 times per week5-6 times per week 1 time per day 2 or more times per day

99a. Each time you ate popcorn, how much did you usually eat?Less than 2 cups, popped2 to 5 cups, popped
More than 5 cups, popped
100. How often did you eat pretzels?
$\square$ NEVER (GO TO QUESTION 101)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

100a. Each time you ate pretzels, how many did you usually eat?Fewer than 5 average twists
to 20 average twists
More than 20 average twists
101. How often did you eat peanuts, walnuts, seeds, or other nuts?

## NEVER (GO TO QUESTION 102)



3-4 times per week 5-6 times per week $\square 1$ time per day $\square 2$ or more times per day

101a. Each time you ate peanuts, walnuts, seeds, or other nuts, how much did you usually eat?
$\square$ Less than $1 / 4$ cup
$1 / 4$ to $1 / 2$ cup
More than $1 / 2$ cup
101b. How often were the nuts or seeds you ate almonds that were toasted or roasted?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
102. How often did you eat energy, high-protein, or breakfast bars such as Power Bars, Balance, Clif, or others?NEVER (GO TO QUESTION 103)


Question 103 appears on the next page.

## Over the past 3 months...

102a. Each time you ate energy, high protein, or breakfast bars, how much did you usually eat?
$\square$ Less than 1 bar1 bar
More than 1 bar
103. How often did you eat yogurt (NOT including frozen yogurt)?
$\square \square$ NEVER (GO TO QUESTION 104)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

103a. 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
104. How often did you eat cottage cheese (including low-fat)?
$\square \square$ NEVER (GO TO QUESTION 105)

| 1 time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| 2-3 times per month <br> 1 time per week | $\square 5-6$ times per week |
| 2 times per week | $\square 1$ time per day |
|  | $\square 2$ or more times per day |

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


105a. Each time you ate cheese, how much did you usually eat?

Less than $1 / 2$ ounce or less than 1 slice
$1 / 2$ to $11 / 2$ ounces or 1 slice
More than $11 / 2$ ounces or more than 1 slice
105b. 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
105c. How often was the cheese you ate fat-free cheese?
$\square$ 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
106. How often did you eat frozen yogurt, sorbet, or ices (including low-fat or fat-free)?
$\square$ NEVER (GO TO QUESTION 107)

| $\square 1$ time per month | $\square$ 3-4 times per week |
| :--- | :--- |
| $\square \square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

106a. 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
107. How often did you eat ice cream, ice cream bars, or sherbet (including low-fat or fat-free)?NEVER (GO TO QUESTION 108)

| $\square 1$ time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square 5-6$ times per week |
| $\square 1$ itme per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

107a. 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 $11 / 2$ cups or 1 to 2 scoops
More than $11 / 2$ cups or more than 2 scoops

## Over the past 3 months...

107b. How often was the ice cream you ate light, low-fat, or fat-free ice cream or sherbet?
$\square$ 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 cake (including low-fat or fat-free)?

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

[^0]109b. 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
110. How often did you eat doughnuts, sweet rolls, Danish, or Pop-tarts?NEVER (GO TO QUESTION 111)

| $\square$ 1 time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square$ 2-3 times per month | $\square 5-6$ times per week |
| $\square 1$ time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

110a. 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
111. How often did you eat sweet muffins or dessert breads (including low-fat or fat-free)?NEVER (GO TO QUESTION 112)


111a. Each time you ate sweet muffins or dessert breads, how much did you usually eat?

Less than 1 medium piece
1 medium piece
$\square$ More than 1 medium piece
111b. 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

## Over the past 3 months...

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


NEVER (GO TO QUESTION 113)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

112a. 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
113. How often did you eat pie?
$\square$ NEVER (GO TO QUESTION 114)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

113a. Each time you ate pie, how much did you usually eat?
$\square$ 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.

113b. How often were the pies you ate fruit pie (such as apple, blueberry, others)?
$\square$ 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
113c. How often were the pies you ate cream, pudding, custard, or meringue pie?
$\square$ 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

113d.How often were the pies you ate pumpkin or sweet potato 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
113e. How often were the pies 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
114. How often did you eat chocolate candy?
$\square \square$ NEVER (GO TO QUESTION 115)


114a. Each time you ate chocolate candy, 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
115. How often did you eat other candy?
$\square$ NEVER (GO TO QUESTION 116)


115a. Each time you ate other candy, how much did you usually eat?Fewer than 2 pieces
2 to 9 pieces
$\square$ More than 9 pieces


Question 116 appears on the next page.

## Over the past 3 months...

116. How often did you eat eggs, egg whites, or egg substitutes (NOT counting eggs in baked goods and desserts)? (Please include eggs in salads, quiche, and soufflés.)
$\qquad$ NEVER (GO TO QUESTION 117)

| $\square$ 1 time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $\square 2-3$ times per month | $\square 5-6$ times per week |
| $\square 1$ 1 time per week | $\square 1$ time per day |
| $\square 2$ times per week | $\square 2$ or more times per day |

116a. Each time you ate eggs, how many did you usually eat?1 egg
2 eggs
$\square 3$ or more eggs

116b. How often were the eggs you ate egg substitutes?
$\square$ 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
116c. 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
116d. 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

116e. 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

116f. 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
117. How many cups of coffee, caffeinated or decaffeinated, did you drink?
$\square \square$ NEVER (GO TO QUESTION 118)

| $\square$ 1-3 cups per month | $\square 1$ cup per day |
| :--- | :--- |
| $\square$ 1 cup per week | $\square 2-3$ cups per day |
| $\square$ | $2-4$ cups per week |
| $\square$ | $\square-5$ cups per day |
|  | -6 cups per week |

117a. 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
118. How many glasses of ICED tea, caffeinated or decaffeinated, did you drink?
$\square$ NEVER (GO TO QUESTION 119)

| $\square$ 1-3 cups per month | $\square 1$ cup per day |
| :--- | :--- |
| $\square 1$ cup per week | $\square 2-3$ cups per day |
| $\square$ 2-4 cups per week | $\square 4-5$ cups per day |
| $\square$ | $5-6$ cups per week |

118a. How often was the iced tea you drank decaffeinated or herbal tea?
$\square$ 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
118b. How often was the iced tea you drank green tea?
$\square$ 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

## Over the past 3 months...

119. How many cups of HOT tea, caffeinated, decaffeinated, or herbal, did you drink?
$\square \square$ NEVER (GO TO QUESTION 120)1-3 cups per month 1 cup per week 1 cup per day 2-4 cups per week 5-6 cups per week 2-3 cups per day 4-5 cups per day 6 or more cups per day

119a. 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
119b. How often was the hot tea you drank green 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
120. How often did you add sugar or honey to your coffee or tea?
$\qquad$ NEVER (GO TO QUESTION 121)
$\square$ 1-3 times per month
$\square 1$ time per week
$\square$ 2-4 times per week
$\square$
$5-6$ times per week
1 time per day 2-3 times per day 4-5 times per day 6 or more times per day

120a. 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
121. How often did you add artificial sweetener to your coffee or tea?
$\square \square$ NEVER (GO TO QUESTION 122)

| $\begin{array}{ll}\square & \text { 1-3 times per month } \\ \square & \square \text { 1 time per week per day } \\ \square & \square \text { 2-3 times per day } \\ 2-4 \text { times per week } & \square \\ 4-5 \text { times per day } \\ \square & 5-6 \text { times per week }\end{array}$ | $\square 6$ or more times per day |
| :--- | :--- |
|  |  |
| stion 122 appears in the next column. |  |

121a. What kind of artificial sweetener did you usually use?Equal or aspartame
Sweet N Low or saccharin
$\square$ Splenda or sucralose
122. How often was non-dairy creamer added to your coffee or tea?
$\square$ NEVER (GO TO QUESTION 123)

| $\square$ 1-3 times per month | $\square 1$ time per day |
| :--- | :--- |
| $\square$ 1 time per week | $\square 2-3$ times per day |
| $\square$ 2-4 times per week | $\square 4-5$ times per day |
| $\square$ | $\square-6$ times per week |$\quad \square 6$ or more times per day

122a. Each time non-dairy creamer was added to your coffee or tea, how much was usually used?
$\square$ Less than 1 teaspoon1 to 3 teaspoons
More than 3 teaspoons
122b. What kind of non-dairy creamer did you usually use?
$\square$ Regular powdered
$\square$ Low-fat or fat-free powdered Regular liquid
Low-fat or fat-free liquid
123. How often was cream or half and half added to your coffee or tea?
$\square$ NEVER (GO TO QUESTION 124)

| $\square$ 1-3 times per month | $\square 1$ time per day |
| :--- | :--- |
| $\square 1$ t time per week | $\square 2-3$ times per day |
| $\square$ 2-4 times per week | $\square 4-5$ times per day |
| $\square 5-6$ times per week | $\square 6$ or more times per day |

123a. 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


Question 124 appears on the next page.

## Over the past 3 months...

124. How often was milk added to your coffee or tea (Please include soy milk, rice milk, and other types of milk)?
$\square \square$ NEVER (GO TO QUESTION 125)1-3 times per month 1 time per week 2-4 times per week 5-6 times per week1 time per day 2-3 times per day 4-5 times per day 6 or more times per day

124a. Each time milk was added to your coffee or tea, how much was usually added?
$\square$ Less than 1 tablespoon1 to 3 tablespoons
More than 3 tablespoons
124b. What kind of milk was usually added to your coffee or tea?Whole milk
2\% milk1\% milk
Skim, nonfat, or $1 / 2 \%$ milk
Evaporated or condensed (canned) milkSoy milk
Rice milk
Raw, unpasteurized milk
Other
125. 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 126)| 1 time per month | $\square 3-4$ times per week |
| :--- | :--- |
| $2-3$ times per month | $\square 5-6$ times per week |
| 1 time per week | $\square 1$ time per day |
| 2 times per week | $\square 2$ or more times per day |

125a. Each time sugar or honey was added to foods you ate, how much was usually added?
$\square$ Less than 1 teaspoon 1 to 3 teaspoons More than 3 teaspoons


The following questions are about the kinds of butter, 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.
126. Over the past 3 months, did you eat margarine?
$\square$ NO (GO TO QUESTION 127)


126a. How often was the margarine you ate regular-fat margarine (stick or tub)?
$\square$ 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

126b. How often was the margarine you ate light or low-fat margarine (stick or tub)?

126c. How often was the margarine you ate fatfree 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
127. Over the past 3 months, did you eat butter?NO (GO TO QUESTION 128)
 YES

127a. 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

## Over the past 3 months...

128. Over the past 3 months, did you eat mayonnaise or mayonnaise-type dressing?

$\square$ NO (GO TO QUESTION 129)


YES

128a. How often was the mayonnaise you ate regular-fat mayonnaise?
$\square$ 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 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
128c. How often was the mayonnaise you ate fatfree 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
129. Over the past 3 months, did you eat sour cream?

```
\square\square NO (GO TO QUESTION 130)
```



```
YES
129a. How often was the sour cream you ate regular-fat sour cream?
\(\square\) 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 sour cream you ate light, low-fat, or fat-free sour cream?
$\square$ 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 130 appears in the next column.
130. Over the past 3 months, did you eat cream cheese?

## $\square \square \mathrm{NO}$ (GO TO QUESTION 131)



YES

130a. 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
130b. How often was the cream cheese you ate light, low-fat, or fat-free cream cheese?
$\square$ 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
131. Over the past 3 months, did you eat salad dressing?NO (GO TO INTRODUCTION TO QUESTION 132)


## YES

131a. How often was the salad dressing you ate regular-fat salad dressing (including oil and vinegar dressing)?
$\square$ 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

131b. 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
131c. How often was the salad dressing you ate fat-free salad dressing?
$\square$ Almost never or never
About $1 / 4$ of the time
About $1 / 2$ of the time
About $3 / 4$ of the time
$\square$ Almost always or always

Introduction to question 132 appears on the next page.

The following two questions ask you to summarize your usual intake of vegetables and fruits. (Please do not include salads, potatoes, or juices.)
132. Over the past 3 months, how many servings of vegetables (not including salad or potatoes) did you eat per week or per day?
$\square$ Less than 1 per week
$\square 1-2$ per week
$\square$ 3-4 per week
$\square$
$\square 1-6$ per week
$\square 1$ per day2 per day 3 per day 4 per day 5 or more per day
133. Over the past 3 months, how many servings of fruit (not including juices) did you eat per week or per day?


The following question asks you to summarize your usual intake of seafood, including fish and shellfish. (Please include canned tuna or tuna in foil pouches.)
134. Over the past 3 months, how many servings of seafood, including fish and shellfish (including canned tuna or tuna in foil pouches) did you eat per week or per day?


134c. How often was the fish you ate swordfish, shark, tilefish, or king mackerel?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
134d. Over the past 3 months, did you eat any of the following types of fish or shellfish? (Mark all that apply.)

Refrigerated, smoked seafood, such as lox or Nova-style salmonKippered or salted and dried fishRefrigerated, pickled fish or fish packed in salt brine, vinegar or sour creamFish jerkyariar, shad or cod roe Seal or whale
$\square$ Commercially prepared and/or refrigerated sushi with fish
$\square$ Anchovies
134e. Thinking about all the fish and seafood you ate over the past 3 months, how often was the fish and shellfish you ate, caught in local waters by you, your family, or friends?

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

The following questions ask you to describe your usual intake of vegetable juices, fruit juices, and fruit drinks over the past 3 months.
135. How often were the fruit juices and fruit drinks that you drank calcium-fortified? (Please include orange juice, grapefruit juice, other fruit juices, fruit juice mixtures, and fruit drinks.)

[^1]
## Over the past 3 months...

136. How often were the fruit juices and fruit drinks that you drank fortified with Vitamin D? (Please include orange juice, grapefruit juice, other fruit juices, fruit juice mixtures, and fruit drinks.)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 Don't Know
137. How often were the deli-style hams, cold cuts or luncheon meats you ate eaten straight from the package or wrapper, that is, without heating or cooking?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
138. How often were the hot dogs or frankfurters you ate eaten straight from the package or wrapper, that is, without heating or cooking?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
139. Over the past 3 months, which of the following foods did you eat AT LEAST THREE TIMES? (Mark all that apply.)
$\square$ Avocado, guacamole
Buttermilk or Kefir
Cheesecake
Chocolate, fudge, or butterscotch toppings or syrups
Chow mein noodles Croissants Dried apricots
Egg rolls
Granola bars
Hot peppers
Jello, gelatin
Milkshakes or ice-cream sodasMiso soup, paste, or sauceOlives $\square$ Oysters Pickles or pickled vegetables or fruitPlantains Pork neckbones, hock, head, feetPudding or custard Sauerkraut Tempeh Veal, venison, lamb Whipped cream, regular Whipped cream, substitute
140. For ALL of the past 3 months, have you followed any type of vegetarian diet?
 NO (GO TO QUESTION 141) YES

140a. Which of the following foods did you TOTALLY EXCLUDE from your diet? (Mark all that apply.)Meat (beef, pork, lamb, etc.) Poultry (chicken, turkey, duck)
Fish and seafood Eggs
$\square$ Dairy products (milk, cheese, etc.)
141. For ALL of the past 3 months, did you regularly eat any organic foods?NO (GO TO QUESTION 142)


YES
141a. What kinds of organic foods did you regularly eat? (Mark all that apply.)


| $\square$ | Pork |
| :--- | :--- |
| $\square \square$ | Cheese |
| $\square$ | Cheese or Yogurt |
| $\square$ | Other foods |

142. Over the past 3 months, how often did you drink more than a sip of water?NEVER (GO TO QUESTION 143)1 time per month
2-3 times per month 1-2 times per week 3-4 times per week
 1 time per day 5-6 times per week

142a. Each time you drank more than a sip of water, how much did you usually drink?Less than $3 / 4$ cup (6 ounces)
$3 / 4$ to $11 / 4$ cups ( 6 to 10 ounces) More than $1 \frac{1}{4}$ cups (10 ounces)

142b. How often was your water bottled water?Almost never or never
About $1 / 4$ of the time
About $1 / 2$ of the time
About $3 / 4$ of the time
$\square$ Almost always or always

Question 143 appears on the next page.

## Over the past 3 months...

142c. How often was your water filtered water?

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
143. Over the past 3 months, during a regular day, how many meals did you usually eat?

144. Over the past 3 months, during a regular day, how many snacks did you usually eat?

| $\square$ |
| :--- |
| $\square$ |
| $\square$ |
| $\square$ |
| 3 |
| $\square$ |
| $\square$ |
| $\square$ |

Thank you very much for completing this questionnaire! All of your answers are very important. Please help us by looking at each page again to make sure that you:

- Did not skip any pages and
- Crossed out the wrong answer and circled the right answer if you made any changes.


[^0]:    NEVER (GO TO QUESTION 110)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

    109a. 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

[^1]:    $\square$ 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 Don't Know

