NATIONAL INSTITUTES OF HEALTH

Diet History Questionnaire



GENERAL INSTRUCTIONS

- 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.

BEFORE TURNING THE PAGE, PLEASE COMPLETE THE FOLLOWING QUESTIONS.

Today's date:

MONTH	DAY		YEAR
☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ Jun ☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec			☐ 2007 ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

In w	hat	month	were
you	bor	'n?	

	Jan
	Feb
	Mar
	Apr
	May
	Jun
	Jul
	Aug
	Sep
	Oct
	Nov
	Dec

In what year were you born?

 Are you male or female?

☐Male ☐Female

BAR CODE LABEL OR SUBJECT ID HERE

 Over the <u>past 12 months</u>, how often did you drink tomato juice or vegetable juice? 	Over the past 12 months
☐ NEVER (GO TO QUESTION 2)	4. How often did you drink other fruit drinks (such as cranberry cocktail, Hi-C, lemonade, or Kool- Aid, diet or regular)?
☐ 1 time per month or less ☐ 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	NEVER (GO TO QUESTION 5) 1 time per month or less
Each time you drank tomato juice or vegetable juice , how much did you usually drink?	☐ 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
Less than ¾ cup (6 ounces) ¾ to 1¼ cups (6 to 10 ounces) More than 1¼ cups (10 ounces)	4a. Each time you drank fruit drinks , how much did you usually drink? ☐ Less than 1 cup (8 ounces)
 Over the past 12 months, how often did you drink orange juice or grapefruit juice? 	☐ 1 to 2 cups (8 to 16 ounces) ☐ More than 2 cups (16 ounces)
☐ NEVER (GO TO QUESTION 3)	4b. How often were your fruit drinks diet or sugar-free drinks?
☐ 1 time per month or less ☐ 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	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
2a. Each time you drank orange juice or grapefruit juice , how much did you usually drink?	 How often did you drink milk as a beverage (NOT in coffee, NOT in cereal)? (Please include chocolate milk and hot chocolate.)
Less than ¾ cup (6 ounces) 3/4 to 1¼ cups (6 to 10 ounces) More than 1¼ cups (10 ounces)	☐ NEVER (GO TO QUESTION 6) ☐ 1 time per month or less ☐ 1 time per day
 Over the <u>past 12 months</u>, how often did you drink other 100% fruit juice or 100% fruit juice mixtures (such as apple, grape, pineapple, or others)? 	☐ 2–3 times per month ☐ 1–2 times per week ☐ 3–4 times per week ☐ 5–6 times per week ☐ 2–3 times per day ☐ 4–5 times per day ☐ 6 or more times per day
☐ NEVER (GO TO QUESTION 4)	5a. Each time you drank milk as a beverage , how much did you usually drink?
☐ 1 time per month or less ☐ 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	
3a. Each time you drank other fruit juice or fruit juice mixtures, how much did you usually drink?	5b. What kind of milk did you usually drink? Whole milk 2% fat milk 1 % fat milk Skim, nonfat, or ½% fat milk
☐ Less than ¾ cup (6 ounces) ☐ ¾ to 1½ cups (6 to 12 ounces) ☐ More than 1½ cups (12 ounces)	Soy milk Rice milk Other

Over the past 12 months	7d. How often were these soft drinks, soda, or pop diet or sugar-free?
 How often did you drink meal replacement, energy, or high-protein beverages such as Instant Breakfast, Ensure, Slimfast, Sustacal or others? \[☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
□ 1 time per month or less □ 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 6a. Each time you drank meal replacement beverages, how much did you usually drink? □ Less than 1 cup (8 ounces) □ 1 to 1½ cups (8 to 12 ounces) □ More than 1½ cups (12 ounces) 7. Over the past 12 months, did you drink soft	7e. 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 8. Over the past 12 months, did you drink beer? NO (GO TO QUESTION 9)
drinks, soda, or pop? NO (GO TO QUESTION 8) YES	8a. How often did you drink beer IN THE SUMMER? □ NEVER
7a. How often did you drink soft drinks, soda, or pop IN THE SUMMER? NEVER 1 time per month or less 1 time per day 2-3 times per month 2-3 times per day	□ 1 time per month or less □ 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 □ 5–6 times per week □ per day 8b. How often did you drink beer DURING THE REST OF THE YEAR?
□ 1–2 times per week □ 4–5 times per day □ 3–4 times per week □ 6 or more times □ 5–6 times per week per day 7b. How often did you drink soft drinks, soda, or pop DURING THE REST OF THE YEAR? □ NEVER	□ NEVER □ 1 time per month or less □ 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 □ 5–6 times per week □ per day
☐ 1 time per month or less ☐ 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 ☐ 5–6 times per week ☐ per day 7c. Each time you drank soft drinks, soda, or pop, how much did you usually drink? ☐ Less than 12 ounces or less than 1 can or bottle	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
☐ 12 to 16 ounces or 1 can or bottle ☐ More than 16 ounces or more than 1 can or bottle ☐	

Over the <u>past 12 months</u>9. How often did you drink wine or wine coolers?	11b. How often did you eat oatmeal, grits, or other cooked cereal DURING THE REST OF THE YEAR?
·	
☐ NEVER (GO TO QUESTION 10)	□ NEVER
☐ 1 time per month or less ☐ 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	☐ 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 times per week ☐ 3–4 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 3–4 times per week ☐ 2 times per week ☐ 3–4 times per week ☐ 2 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 5–6 times per week ☐ 2 times per week ☐ 1 time per day
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	11c. Each time you ate oatmeal, grits, or other cooked cereal, how much did you usually eat?Less than ¾ cup
10. How often did you drink liquor or mixed drinks ?	☐ ¾ to 1¼ cups ☐ More than 1¼ cups
☐ NEVER (GO TO QUESTION 11)	12. How often did you eat cold cereal ?
☐ 1 time per month or less ☐ 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 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 ☐ More than 3 shots of liquor ☐ The past 12 months, did you eat oatmeal, grits, or other cooked cereal? ☐ NO (GO TO QUESTION 12) ☐ YES ☐ YES	NEVER (GO TO QUESTION 13) 1–6 times per year
11a. How often did you eat oatmeal, grits, or other cooked cereal IN THE WINTER? NEVER	12c. How often was the cold cereal you ate All Bran, Fiber One, 100% Bran, or Bran Buds? Almost never or never About % of the time Almost always or always

Over the past 12 months	13a. Each time you ate applesauce, how much did you usually eat?
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)?	Less than ½ cup ½ to 1 cup More than 1 cup
☐ Almost never or never ☐ About ¼ of the time ☐ About ¾ of the time ☐ About ¾ 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)?	14. How often did you eat apples? NEVER (GO TO QUESTION 15) 1–6 times per year
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	☐ Less than 1 apple ☐ 1 apple ☐ More than 1 apple 15. How often did you eat pears (fresh, canned, or frozen)?
12f. Was milk added to your cold cereal?	□ NEVER (GO TO QUESTION 16)
□ NO (GO TO QUESTION 13) □ YES 12g. What kind of milk was usually added?	☐ 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
Whole milk 2% fat milk 1% fat milk Skim, nonfat, or ½% fat milk Soy milk Rice milk Other	15a. Each time you ate pears , how many did you usually eat? Less than 1 pear 1 pear More than 1 pear
12h. Each time milk was added to your cold cereal, how much was usually added?	16. How often did you eat bananas?
Less than ½ cup ½ to 1 cup More than 1 cup 13. How often did you eat applesauce?	NEVER (GO TO QUESTION 17) 1–6 times per year
□ NEVER (GO TO QUESTION 14) □ 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	

Over the past 12 months	18c. Each time you ate peaches, nectarines, or plums, how much did you usually eat?
16a. Each time you ate bananas , how many did you usually eat? ☐ Less than 1 banana ☐ 1 banana ☐ More than 1 banana	Less than 1 fruit or less than ½ cup 1 to 2 fruits or ½ to ¾ cup More than 2 fruits or more than ¾ cup 19. How often did you eat grapes ?
17. How often did you eat dried fruit , such as prunes or raisins (not including dried apricots)? NEVER (GO TO QUESTION 18) 1–6 times per year	NEVER (GO TO QUESTION 20) 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 19a. Each time you ate grapes , how much did you usually eat? Less than ½ cup or less than 10 grapes ½ to 1 cup or 10 to 30 grapes More than 1 cup or more than 30 grapes More than 1 cup or more than 30 grapes NO (GO TO QUESTION 21) P YES
NO (GO TO QUESTION 19) YES	Variable Variabl

Over the past 12 months	22. Over the <u>past 12 months</u> , did you eat strawberries?
20c. Each time you ate cantaloupe , how much did you usually eat?	NO (GO TO QUESTION 23)
 Less than ¼ melon or less than ½ cup ⅓ melon or ½ to 1 cup More than ¼ melon or more than 1 cup 	YES 22a. How often did you eat fresh strawberries
21. Over the <u>past 12 months</u> , did you eat melon , other than cantaloupe (such as watermelon or honeydew)?	WHEN IN SEASON?
NO (GO TO QUESTION 22) YES 21a. How often did you eat fresh melon, other than cantaloupe (such as watermelon or honeydew) WHEN IN SEASON?	☐ 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☐ 2 or more times☐ 2 per day☐ 22b. How often did you eat fresh or frozen strawberries DURING THE REST OF THE YEAR?
□ 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 times per week □ 5–6 times per week □ 1 time per week □ 1 time per day □ 1 time per week □ 2 or more times □ per day	□ NEVER □ 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
21b. How often did you eat fresh or frozen melon, other than cantaloupe (such as watermelon or honeydew) DURING THE REST OF THE YEAR? ☐ NEVER	22c. Each time you ate strawberries , how much did you usually eat? Less than ¼ cup or less than 3 berries ¼ to ¾ cup or 3 to 8 berries More than ¾ cup or more than 8 berries
☐ 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	23. Over the past 12 months, did you eat oranges, tangerines, or tangelos? ☐ NO (GO TO QUESTION 24) ☐ YES
21c. Each time you ate melon other than cantaloupe, how much did you usually eat? Less than ½ cup or 1 small wedge ½ to 2 cups or 1 medium wedge More than 2 cups or 1 large wedge	23a. How often did you eat fresh oranges, tangerines, or tangelos WHEN IN SEASON? NEVER 1-6 times per season

Over the past 12 months	25. How often did you eat other kinds of fruit?
23b. How often did you eat oranges , tangerines , or tangelos (fresh or canned) DURING THE REST OF THE YEAR ?	NEVER (GO TO QUESTION 26) 1–6 times per year 2 times per week 7–11 times per year 3–4 times per week
 □ NEVER □ 1–6 times per year □ 7–11 times per year □ 1 time per month □ 2 times per week □ 3–4 times per week □ 5–6 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 25a. Each time you ate other kinds of fruit , how much did you usually eat?
□ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day 23c. Each time you ate oranges, tangerines, or tangelos, how many did you usually eat? □ Less than 1 fruit □ 1 fruit □ More than 1 fruit	☐ Less than ¼ cup ☐ ¼ to ¾ cup ☐ More than ¾ cup 26. How often did you eat COOKED greens (such as spinach, turnip, collard, mustard, chard, or kale)? ☐ NEVER (GO TO QUESTION 27)
24. Over the <u>past 12 months</u> , did you eat grapefruit ? NO (GO TO QUESTION 25) The YES	☐ 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
Value	26a. Each time you ate COOKED greens, how much did you usually eat? Less than ½ cup ½ 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.) NEVER (GO TO QUESTION 28) 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 day 2 or more times per day 27a. Each time you ate RAW greens, how much did you usually eat? Less than ½ cup ½ to 1 cup More than 1 cup

Over the past 12 months	31. How often did you eat string beans or green beans (fresh, canned, or frozen)?
28. How often did you eat coleslaw ?	
28. How often did you eat coleslaw? NEVER (GO TO QUESTION 29) 1–6 times per year 2 times per week 7–11 times per year 3–4 times per week 1 time per month 1 time per day 1 time per week 2 or more times per day 28a. Each time you ate coleslaw, how much did you usually eat? Less than ¼ cup ¼ to ¾ cup More than ¾ cup More than ¾ cup NEVER (GO TO QUESTION 30) 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	NEVER (GO TO QUESTION 32) 1–6 times per year
29a. Each time you ate sauerkraut or cabbage , how much did you usually eat? Less than ¼ cup ¼ to 1 cup More than 1 cup 30. How often did you eat carrots (fresh, canned, or frozen)? NEVER (GO TO QUESTION 31) 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 30a. Each time you ate carrots , how much did you usually eat? Less than ¼ cup or less than 2 baby carrots ¼ to ½ cup or 2 to 5 baby carrots More than ½ cup or more than 5 baby carrots	32a. Each time you ate peas, how much did you usually eat? Less than ¼ cup ¼ to ¾ cup More than ¾ cup 33. Over the past 12 months, did you eat corn? NO (GO TO QUESTION 34)

Over the past 12 months	36. How often did you eat mixed vegetables ?
33b. How often did you eat corn (fresh, canned, or frozen) DURING THE REST OF THE YEAR ?	NEVER (GO TO QUESTION 37)
□ NEVER	☐ 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
☐ 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
☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day	36a. Each time you ate mixed vegetables , how much did you usually eat?
33c. Each time you ate corn , how much did you usually eat?	☐ Less than ½ cup ☐ ½ to 1 cup ☐ More than 1 cup
☐ Less than 1 ear or less than ½ cup☐ 1 ear or ½ to 1 cup	37. How often did you eat onions ?
☐ More than 1 ear or more than 1 cup	☐ NEVER (GO TO QUESTION 38)
34. Over the <u>past 12 months</u> , how often did you eat broccoli (fresh or frozen)? ☐ NEVER (GO TO QUESTION 35)	☐ 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
☐ 1–6 times per year ☐ 2 times per week	37a. Each time you ate onions , how much did
☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week	you usually eat?
☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day	 ☐ 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
34a. Each time you ate broccoli , how much did you usually eat?	 ↓ 38. Now think about all the cooked vegetables you ate in the past 12 months and how they were
☐ Less than ¼ cup ☐ ¼ to 1 cup ☐ More than 1 cup	prepared. How often were your vegetables COOKED WITH some sort of fat , including oil spray? (<i>Please do not include potatoes.</i>)
35. How often did you eat cauliflower or Brussels sprouts (fresh or frozen)?	☐ NEVER (GO TO QUESTION 39)
☐ NEVER (GO TO QUESTION 36)	☐ 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
□ 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	☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day
35a. Each time you ate cauliflower or Brussels sprouts , how much did you usually eat?	
☐ Less than ¼ cup ☐ ¼ to ½ cup ☐ More than ½ cup	
↓	

Over the past 12 months	40. Over the <u>past 12 months</u> , how often did you eat sweet peppers (green, red, or yellow)?
38a. Which fats were usually added to your vegetables DURING COOKING? (Please do not include potatoes. Mark all that apply.)	☐ NEVER (GO TO QUESTION 41)
Margarine	☐ 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 40a. Each time you ate sweet peppers , how much did you usually eat?
39. Now, thinking again about all the cooked vegetables you ate in the <u>past 12 months</u> , how often was some sort of fat, sauce, or dressing added AFTER COOKING OR AT THE TABLE? (Please do not include potatoes.)	Less than ½ pepper ½ to ¼ pepper More than ¼ pepper 41. Over the past 12 months, did you eat fresh tomatoes (including those in salads)?
□ NEVER (GO TO QUESTION 40) □ 1–6 times per year □ 3–4 times per week □ 7, 11 times per year □ 5, 6 times per week	☐ NO (GO TO QUESTION 42)☐ YES
☐ 7–11 times per year ☐ 1 time per month ☐ 2–3 times per week ☐ 1-2 times per week ☐ 3 or more times per day ☐ 3 or more times per day	41a. How often did you eat fresh tomatoes (including those in salads) WHEN IN SEASON?
39a. Which fats, sauces, or dressings were usually added AFTER COOKING OR AT THE TABLE? (Please do not include potatoes. Mark all that apply.)	☐ NEVER ☐ 1–6 times per season ☐ 2 times per week
☐ Margarine ☐ Salad dressing (including low-fat) ☐ Cheese sauce ☐ Butter (including ☐ White sauce low-fat) ☐ Other ☐ Lard, fatback, or bacon fat	☐ 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 ☐ 2 or more times per day
39b. If margarine, butter, lard, fatback, or bacon fat was added to your cooked vegetables AFTER COOKING OR AT THE TABLE, how	41b. How often did you eat fresh tomatoes (including those in salads) DURING THE REST OF THE YEAR?
much did you usually add?	□ NEVER
☐ Did not usually add these ☐ Less than 1 teaspoon ☐ 1 to 3 teaspoons ☐ More than 3 teaspoons	☐ 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 ☐ 2 or more times per day
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?	41c. Each time you ate fresh tomatoes , how much did you usually eat?
☐ Did not usually add these ☐ Less than 1 tablespoon ☐ 1 to 3 tablespoons ☐ More than 3 tablespoons	Less than ¼ tomato ¼ to ½ tomato More than ½ tomato

Over the past 12 months... 45. How often did you eat French fries, home fries, hash browned potatoes, or tater tots? 42. How often did you eat lettuce salads (with or ☐ NEVER (GO TO QUESTION 46) without other vegetables)? ☐ 2 times per week ☐ NEVER (GO TO QUESTION 43) ☐ 1–6 times per year ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 1–6 times per year ☐ 2 times per week 1 time per day 2 or more times per day ☐ 2–3 times per month 7–11 times per year ☐ 3–4 times per week ☐ 1 time per week ☐ 1 time per month ☐ 5–6 times per week 2–3 times per month 1 time per day 45a. Each time you ate French fries, home fries, ☐ 1 time per week ☐ 2 or more times per day hash browned potatoes, or tater tots how 42a. Each time you ate lettuce salads, how much much did you usually eat? did you usually eat? Less than 10 fries or less than ½ cup ☐ 10 to 25 fries or ½ to 1 cup ☐ Less than ¼ cup ☐ ¼ to 1¼ cups ☐ More than 25 fries or more than 1 cup ☐ More than 1¼ cups 46. How often did you eat potato salad? 43. How often did you eat salad dressing (including ☐ NEVER (GO TO QUESTION 47) low-fat) on salads? ☐ 1–6 times per year ☐ 2 times per week ☐ NEVER (GO TO QUESTION 44) ☐ 7–11 times per year 3–4 times per week 1 time per month ☐ 5–6 times per week ☐ 1–6 times per year ☐ 2 times per week 2–3 times per month 1 time per day ☐ 7–11 times per year ☐ 3–4 times per week 2 or more times per day ☐ 1 time per week ☐ 1 time per month ☐ 5–6 times per week 2–3 times per month ☐ 1 time per day 46a. Each time you ate potato salad, how much ☐ 1 time per week 2 or more times per day did you usually eat? 43a. Each time you ate salad dressing on salads, how much did you usually eat? ☐ Less than ½ cup ☐ ½ to 1 cup ☐ More than 1 cup Less than 2 tablespoons 2 to 4 tablespoons 47. How often did you eat baked, boiled, or mashed ☐ More than 4 tablespoons potatoes? 44. How often did you eat sweet potatoes or yams? ☐ NEVER (GO TO QUESTION 48) ☐ NEVER (GO TO QUESTION 45) ☐ 1–6 times per year 2 times per week 7–11 times per year ☐ 1–6 times per year☐ 7–11 times per year ☐ 2 times per week 3-4 times per week ☐ 1 time per month 3–4 times per week 5–6 times per week ☐ 2–3 times per month 1 time per month 5–6 times per week ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day 1 time per day 2–3 times per month ☐ 2 or more times per day 1 time per week 47a. Each time you ate **baked**, **boiled**, or mashed potatoes, how much did you 44a. Each time you ate **sweet potatoes** or **yams**, how much did you usually eat? usually eat? ☐ 1 small potato or less than ¼ cup ☐ 1 small potato or less than ½ cup 1 medium potato or ¼ to ¾ cup ☐ 1 medium potato or ½ to 1 cup ☐ 1 large potato or more than ¾ cup ☐ 1 large potato or more than 1 cup

Over the past 12 months... 47h. Each time **cheese** or **cheese sauce** was added to your potatoes, how much was 47b. How often was sour cream (including lowusually added? fat) added to your potatoes, EITHER IN **COOKING OR AT THE TABLE?** Less than 1 tablespoon ☐ 1 to 3 tablespoons ☐ More than 3 tablespoons ☐ Almost never or never (GO TO QUESTION 47d) About ¼ of the time 48. How often did you eat salsa? About ½ of the time About 3/4 of the time ☐ Almost always or always ☐ NEVER (GO TO QUESTION 49) 47c. Each time sour cream was added to your ☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week potatoes, how much was usually added? ☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day Less than 1 tablespoon 1 to 3 tablespoons 1 time per week 2 or more times per day ☐ More than 3 tablespoons 48a. Each time you ate salsa, how much did you usually eat? 47d. How often was margarine (including low-fat) added to your potatoes, EITHER IN **COOKING OR AT THE TABLE?** Less than 1 tablespoon 1 to 5 tablespoons ☐ More than 5 tablespoons ☐ Almost never or never About ¼ of the time 49. How often did you eat catsup? About ½ of the time ☐ About ¾ of the time ☐ NEVER (GO TO QUESTION 50) ☐ Almost always or always 47e. How often was **butter** (including low-fat) ☐ 2 times per week ☐ 1–6 times per year ☐ 3–4 times per week ☐ 7–11 times per year added to your potatoes, EITHER IN ☐ 1 time per month 5–6 times per week **COOKING OR AT THE TABLE?** 1 time per day 2 or more times per day ☐ 2–3 times per month 1 time per week ☐ Almost never or never About ¼ of the time 49a. Each time you ate **catsup**, how much did you ☐ About ½ of the time usually eat? About 3/4 of the time ☐ Almost always or always Less than 1 teaspoon 47f. Each time margarine or butter was added to 1 to 6 teaspoons ☐ More than 6 teaspoons your potatoes, how much was usually added? 50. How often did you eat **stuffing**, **dressing**, or dumplings? ☐ Never added Less than 1 teaspoon ☐ 1 to 3 teaspoons ☐ NEVER (GO TO QUESTION 51) ☐ More than 3 teaspoons ☐ 1–6 times per year ☐ 2 times per week 47g. How often was cheese or cheese sauce ☐ 7–11 times per year ☐ 3–4 times per week added to your potatoes, EITHER IN ☐ 5–6 times per week ☐ 1 time per month ☐ 2–3 times per month ☐ 1 time per day **COOKING OR AT THE TABLE?** ☐ 2 or more times per day ☐ 1 time per week ☐ Almost never or never (GO TO QUESTION 48) 50a. Each time you ate **stuffing**, **dressing**, or ☐ About ¼ of the time dumplings, how much did you usually eat? ☐ About ½ of the time ☐ About ¾ of the time ☐ Less than ½ cup ☐ Almost always or always $\prod \frac{1}{2}$ to 1 cup ☐ More than 1 cup

Over the past 12 months... 53b. How often were the beans you ate refried beans, beans prepared with any type of 51. How often did you eat chili? fat, or with meat added? ☐ NEVER (GO TO QUESTION 52) ☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ 1–6 times per year 2 times per week ☐ About ¾ of the time ☐ 3–4 times per week 7–11 times per year ☐ 1 time per month ☐ Almost always or always ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week ☐ 2 or more times per day 54. How often did you eat other kinds of vegetables? 51a. Each time you ate chili, how much did you usually eat? ☐ NEVER (GO TO QUESTION 55) ☐ Less than ½ cup ☐ 1–6 times per year☐ 7–11 times per year 2 times per week ☐ ½ to 1¾ cups 3-4 times per week ☐ More than 1¾ cups 1 time per month 5–6 times per week 2–3 times per month 1 time per day 52. How often did you eat Mexican foods (such as ☐ 1 time per week 2 or more times per day tacos, tostados, burritos, tamales, fajitas, 54a. Each time you ate other kinds of enchiladas, quesadillas, and chimichangas)? vegetables, how much did you usually eat? ☐ NEVER (GO TO QUESTION 53) Less than ¼ cup ☐ ¼ to ½ cup ☐ 1–6 times per year ☐ 2 times per week ☐ More than ½ cup ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week 55. How often did you eat rice or other cooked 2–3 times per month 1 time per day ☐ 1 time per week 2 or more times per day grains (such as bulgur, cracked wheat, or millet)? 52a. Each time you ate **Mexican foods**, how much did you usually eat? □ NEVER (GO TO QUESTION 56) Less than 1 taco, burrito, etc. ☐ 1–6 times per year 2 times per week ☐ 7–11 times per year ☐ 1 to 2 tacos, burritos, etc. 3-4 times per week ☐ More than 2 tacos, burritos, etc. 1 time per month 5–6 times per week 2–3 times per month 1 time per day ☐ 2 or more times per day 53. How often did you eat cooked dried beans ☐ 1 time per week (such as baked beans, pintos, kidney, blackeyed 55a. Each time you ate rice or other cooked peas, lima, lentils, soybeans, or refried beans)? grains, how much did you usually eat? (Please don't include bean soups or chili.) ☐ Less than ½ cup ☐ NEVER (GO TO QUESTION 54) ☐ ½ to 1½ cups ☐ More than 1½ cups ☐ 1–6 times per year ☐ 2 times per week 7–11 times per year ☐ 3–4 times per week 55b. How often was butter, margarine, or oil ☐ 1 time per month ☐ 5–6 times per week added to your rice IN COOKING OR AT THE ☐ 2–3 times per month ☐ 1 time per day **TABLE?** ☐ 1 time per week ☐ 2 or more times per day 53a. Each time you ate beans, how much did you ☐ Almost never or never About 1/4 of the time usually eat? ☐ About ½ of the time ☐ About ¾ of the time ☐ Less than ½ cup ☐ Almost always or always ☐ ½ to 1 cup ☐ More than 1 cup

Over the past 12 months... 56f. Each time **syrup** was added to your pancakes, waffles, or French toast, how 56. How often did you eat pancakes, waffles, or much was usually added? French toast? Less than 1 tablespoon ☐ NEVER (GO TO QUESTION 57) ☐ 1 to 4 tablespoons ☐ More than 4 tablespoons ☐ 1–6 times per year ☐ 2 times per week 7–11 times per year 1 time per month ☐ 3–4 times per week ☐ 5–6 times per week 57. How often did you eat lasagna, stuffed shells, stuffed manicotti, ravioli, or tortellini? (Please ☐ 2–3 times per month ☐ 1 time per day do not include spaghetti or other pasta.) ☐ 1 time per week 2 or more times per day ☐ NEVER (GO TO QUESTION 58) 56a. Each time you ate pancakes, waffles, or French toast, how much did you usually ☐ 1–6 times per vear ☐ 2 times per week eat? 7–11 times per year 1 time per month 3-4 times per week 5–6 times per week Less than 1 medium piece 2-3 times per month 1 time per day ☐ 1 to 3 medium pieces ☐ 1 time per week ☐ 2 or more times per day ☐ More than 3 medium pieces 57a. Each time you ate lasagna, stuffed shells, 56b. How often was **margarine** (including low-fat) stuffed manicotti, ravioli, or tortellini, how added to your pancakes, waffles, or French much did you usually eat? toast AFTER COOKING OR AT THE TABLE? Less than 1 cup ☐ 1 to 2 cups ☐ Almost never or never ☐ More than 2 cups About ¼ of the time ☐ About ½ of the time 58. How often did you eat macaroni and cheese? ☐ About ¾ of the time ☐ Almost always or always ☐ NEVER (GO TO QUESTION 59) 56c. How often was butter (including low-fat) ☐ 2 times per week ☐ 3–4 times per week ☐ 1–6 times per year added to your pancakes, waffles, or French ☐ 7–11 times per year 3–4 times per week toast AFTER COOKING OR AT THE 1 time per month 5–6 times per week TABLE? ☐ 2–3 times per month 1 time per day □ 2 or more times per day ☐ 1 time per week ☐ Almost never or never About ¼ of the time 58a. Each time you ate macaroni and cheese, ☐ About ½ of the time how much did you usually eat? ☐ About ¾ of the time ☐ Almost always or always Less than 1 cup ☐ 1 to 1½ cups 56d. Each time margarine or butter was added to ☐ More than 1½ cups your pancakes, waffles, or French toast, how much was usually added? 59. How often did you eat pasta salad or macaroni salad? ☐ Never added Less than 1 teaspoon ☐ NEVER (GO TO QUESTION 60) ☐ 1 to 3 teaspoons ☐ More than 3 teaspoons ☐ 1–6 times per vear ☐ 2 times per week 7–11 times per year □ 3–4 times per week□ 5–6 times per week 56e. How often was syrup added to your 1 time per month pancakes, waffles, or French toast? 2–3 times per month 1 time per day 2 or more times per day ☐ 1 time per week ☐ Almost never or never (GO TO QUESTION 57) ☐ About ¼ of the time About ½ of the time ☐ About ¾ of the time ☐ Almost always or always

Over the past 12 months	61. How often did you eat bagels or English muffins ?
59a. Each time you ate pasta salad or macaroni	mumis:
salad, how much did you usually eat?	☐ NEVER (GO TO INTRODUCTION TO QUESTION 62)
☐ Less than ½ cup ☐ ½ to 1 cup ☐ More than 1 cup	☐ 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
60. Other than the pastas listed in Questions 57, 58, and 59, how often did you eat pasta , spaghetti , or other noodles ?	☐ 1 time per week ☐ 2 or more times per day 61a. Each time you ate bagels or English
☐ NEVER (GO TO QUESTION 61)	muffins, how many did you usually eat?
☐ 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	☐ Less than 1 bagel or English muffin ☐ 1 bagel or English muffin ☐ More than 1 bagel or English muffin 61b. How often was margarine (including low-fat)
1 time per week 2 or more times per day	added to your bagels or English muffins?
60a. Each time you ate pasta, spaghetti, or other noodles, how much did you usually eat?	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
1 to 3 cups More than 3 cups	61c. How often was butter (including low-fat) added to your bagels or English muffins?
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 ¼ of the time ☐ About ½ of the time
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time	☐ About ¾ of the time ☐ Almost always or always
☐ About ¾ of the time ☐ Almost always or always	61d. Each time margarine or butter was added to your bagels or English muffins, how much was usually added?
60c. How often did you eat your pasta, spaghetti, or other noodles with tomato sauce or spaghetti sauce made WITHOUT meat ?	☐ Never added ☐ Less than 1 teaspoon ☐ 1 to 2 teaspoons ☐ More than 2 teaspoons
☐ About ¹¼ of the time ☐ About ¹½ of the time ☐ About ³¼ of the time ☐ Almost always or always	61e. How often was cream cheese (including low- fat) spread on your bagels or English muffins?
60d. How often did you eat your pasta, spaghetti, or other noodles with margarine, butter, oil, or cream sauce?	Almost never or never (GO TO INTRODUCTION TO QUESTION 62) About ¼ of the time About ½ of the time About ¾ of the time About ¾ of the time
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	Almost always or always

Over the past 12 months	62d. Each time mayonnaise or mayonnaise-type dressing was added to your sandwich
61f. Each time cream cheese was added to your bagels or English muffins, how much was usually added?	breads or rolls, how much was usually added?
☐ Less than 1 tablespoon ☐ 1 to 2 tablespoons ☐ More than 2 tablespoons	☐ Less than 1 teaspoon☐ 1 to 3 teaspoons☐ More than 3 teaspoons
	62e. How often was margarine (including low-fat) added to your sandwich bread or rolls?
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.	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
62. How often did you eat breads or rolls AS PART OF SANDWICHES (including burger and hot dog rolls)?	62f. How often was butter (including low-fat) added to your sandwich bread or rolls?
☐ NEVER (GO TO QUESTION 63)	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time
☐ 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	☐ About ¾ of the time ☐ Almost always or always
☐ 1 time per week ☐ 2 or more times per day	62g. Each time margarine or butter was added to your sandwich breads or rolls, how much was usually added?
62a. Each time you ate breads or rolls AS PART OF SANDWICHES , how many did you usually eat?	☐ Never added☐ Less than 1 teaspoon
☐ 1 slice or ½ roll ☐ 2 slices or 1 roll ☐ More than 2 slices or more than 1 roll	☐ 1 to 2 teaspoons ☐ More than 2 teaspoons
62b. How often were the breads or rolls that you	63. How often did you eat breads or dinner rolls , NOT AS PART OF SANDWICHES ?
used for your sandwiches white bread (including burger and hot dog rolls)?	☐ NEVER (GO TO QUESTION 64)
☐ Almost never or never ☐ About ½ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per week ☐ 2 or more times per day ☐ 2 or more times per day
62c. How often was mayonnaise or mayonnaise-type dressing (including lowfat) added to your sandwich bread or rolls?	63a. Each time you ate breads or dinner rolls , NOT AS PART OF SANDWICHES , how much did you usually eat?
Almost never or never (GO TO QUESTION 62e) About ¼ of the time About ½ of the time	☐ 1 slice or 1 dinner roll ☐ 2 slices or 2 dinner rolls ☐ More than 2 slices or 2 dinner rolls
☐ About ¾ of the time ☐ Almost always or always	
▼ Question 62e appears in the next column	V

Over the past 12 months... 64. How often did you eat jam, jelly, or honey on bagels, muffins, bread, rolls, or crackers? 63b. How often were the breads or rolls you ate white bread? ☐ NEVER (GO TO QUESTION 65) ☐ Almost never or never ☐ 2 times per week ☐ 1–6 times per year ☐ About ¼ of the time ☐ 7–11 times per year ☐ 3–4 times per week ☐ About ½ of the time ☐ 1 time per month ☐ 5–6 times per week 1 time per day 2 or more times per day ☐ 2–3 times per month ☐ About ¾ of the time Almost always or always ☐ 1 time per week 63c. How often was margarine (including low-fat) 64a. Each time you ate jam, jelly, or honey, how added to your breads or rolls? much did you usually eat? ☐ Almost never or never Less than 1 teaspoon ☐ About ¼ of the time ☐ 1 to 3 teaspoons About ½ of the time ☐ More than 3 teaspoons About ¾ of the time ☐ Almost always or always 65. How often did you eat peanut butter or other nut butter? 63d. How often was **butter** (including low-fat) added to your breads or rolls? ☐ NEVER (GO TO QUESTION 66) ☐ Almost never or never 2 times per week ☐ 1–6 times per year About ¼ of the time 7–11 times per year ☐ 3–4 times per week ☐ About ½ of the time 1 time per month ☐ 5–6 times per week ☐ About ¾ of the time ☐ 2–3 times per month ☐ 1 time per day ☐ Almost always or always ☐ 1 time per week 2 or more times per day 63e. Each time margarine or butter was added to your breads or rolls, how much was usually 65a. Each time you ate **peanut butter** or **other** added? nut butter, how much did you usually eat? ☐ Never added Less than 1 tablespoon Less than 1 teaspoon 1 to 2 tablespoons ☐ 1 to 2 teaspoons ☐ More than 2 tablespoons ☐ More than 2 teaspoons 63f. How often was **cream cheese** (including low-66. How often did you eat roast beef or steak IN fat) added to your breads or rolls? **SANDWICHES?** Almost never or never (GO TO QUESTION 64) ☐ NEVER (GO TO QUESTION 67) ☐ About ¼ of the time ☐ About ½ of the time ☐ 1–6 times per year ☐ 2 times per week ☐ About ¾ of the time ☐ 7–11 times per year 3-4 times per week ☐ Almost always or always 1 time per month 5–6 times per week 2–3 times per month 1 time per day 63g. Each time cream cheese was added to your 2 or more times per day 1 time per week breads or rolls, how much was usually added? 66a. Each time you ate roast beef or steak IN **SANDWICHES**, how much did you usually Less than 1 tablespoon 1 to 2 tablespoons 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

69. How often did you eat other cold cuts or Over the past 12 months... luncheon meats (such as bologna, salami, 67. How often did you eat turkey or chicken COLD corned beef, pastrami, or others, including low-**CUTS** (such as loaf, luncheon meat, turkey ham, fat)? (Please do not include ham, turkey, or turkey salami, or turkey pastrami)? (We will ask chicken cold cuts.) about other turkey or chicken later.) ☐ NEVER (GO TO QUESTION 70) ☐ NEVER (GO TO QUESTION 68) ☐ 1–6 times per year ☐ 2 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1–6 times per year 2 times per week 1 time per month 5–6 times per week ☐ 7–11 times per year 3-4 times per week ☐ 2–3 times per month ☐ 1 time per day 1 time per month ☐ 5–6 times per week ☐ 1 time per week 2 or more times per day 2–3 times per month ☐ 1 time per day ☐ 1 time per week 2 or more times per day 69a. Each time you ate other cold cuts or luncheon meats, how much did you usually 67a. Each time you ate turkey or chicken COLD eat? CUTS, how much did you usually eat? Less than 1 slice ☐ Less than 1 slice 1 to 3 slices 1 to 3 slices ☐ More than 3 slices ☐ More than 3 slices 69b. How often were the other cold cuts or luncheon meats you ate light, low-fat, or fat-68. How often did you eat **luncheon** or **deli-style** free cold cuts or luncheon meats? (Please **ham**? (We will ask about other ham later.) do not include ham, turkey, or chicken cold cuts.) ☐ NEVER (GO TO QUESTION 69) ☐ Almost never or never ☐ 1–6 times per year 2 times per week ☐ About ¼ of the time ☐ 7–11 times per year ☐ 3–4 times per week ☐ About ½ of the time ☐ 1 time per month ☐ 5–6 times per week ☐ About ¾ of the time ☐ 2–3 times per month ☐ 1 time per day ☐ Almost always or always ☐ 1 time per week 2 or more times per day 70. How often did you eat canned tuna (including in 68a. Each time you ate luncheon or deli-style salads, sandwiches, or casseroles)? ham, how much did you usually eat? ☐ NEVER (GO TO QUESTION 71) ☐ Less than 1 slice ☐ 1 to 3 slices ☐ 1–6 times per year 2 times per week ☐ More than 3 slices 7–11 times per year 3–4 times per week 1 time per month 5-6 times per week 68b. How often was the luncheon or deli-style 2–3 times per month 1 time per day ham you ate light, low-fat, or fat-free? 2 or more times per day ☐ 1 time per week ☐ Almost never or never 70a. Each time you ate **canned tuna**, how much About ¼ of the time did you usually eat? About ½ of the time ☐ About ¾ of the time Less than ¼ cup or less than 2 ounces ☐ Almost always or always \square ½ to ½ cup or 2 to 3 ounces ☐ More than ½ cup or more than 3 ounces 70b. How often was the canned tuna you ate water-packed tuna? ☐ Almost never or never About ¼ of the time About ½ of the time ☐ About ¾ of the time ☐ Almost always or always

Over the past 12 months	73. How often did you eat ground beef in mixtures (such as meatballs, casseroles, chili, or
70c. How often was the canned tuna you ate prepared with mayonnaise or other	meatloaf)?
dressing (including low-fat)?	☐ NEVER (GO TO QUESTION 74)
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	☐ 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
71. How often did you eat GROUND chicken or turkey ? (We will ask about other chicken and turkey later.)	73a. Each time you ate ground beef in mixtures , how much did you usually eat?
☐ NEVER (GO TO QUESTION 72)	 ☐ Less than 3 ounces or less than ½ cup ☐ 3 to 8 ounces or ½ to 1 cup ☐ More than 8 ounces or more than 1 cup
☐ 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	74. How often did you eat hot dogs or frankfurters ? (Please do not include sausages or vegetarian hot dogs.)
	☐ NEVER (GO TO QUESTION 75)
71a. Each time you ate GROUND chicken or turkey , how much did you usually eat? Less than 2 ounces or less than ½ cup 2 to 4 ounces or ½ to 1 cup More than 4 ounces or more than 1 cup	☐ 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 ☐ 2 or more times per day
-	74a. Each time you ate hot dogs or frankfurters ,
72. How often did you eat beef hamburgers or cheeseburgers?	how many did you usually eat?
□ NEVER (GO TO QUESTION 73)	☐ Less than 1 hot dog ☐ 1 to 2 hot dogs ☐ More than 2 hot dogs
□ 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	74b. How often were the hot dogs or frankfurters you ate light or low-fat hot dogs ?
72a. Each time you ate beef hamburgers or cheeseburgers , how much did you usually eat?	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
☐ 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	
72b. How often were the beef hamburgers or cheeseburgers you ate made with lean ground beef?	
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	

Over the past 12 months	77b. How often was the steak you ate lean steak?
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)	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
□ 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 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	78. How often did you eat pork or beef spareribs? NEVER (GO TO QUESTION 79) 1–6 times per year 2 times per week 3–4 times per week 5–6 times per week 1 time per month 1 time per day 1 time per week 2–3 times per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 times per week 2 or more times per day 2 or more times per day 3 or more times per day 4 o
76. How often did you eat roast beef or pot roast ? (Please do not include roast beef or pot roast in sandwiches.)	79. How often did you eat roast turkey, turkey cutlets, or turkey nuggets (including in sandwiches)?
☐ 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 76a. Each time you ate roast beef or pot roast	NEVER (GO TO QUESTION 80) 1–6 times per year
(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)	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 ounces 2 to 4 ounces
NEVER (GO TO QUESTION 78) 1–6 times per year	 More than 4 ounces 80. How often did you eat chicken as part of salads, sandwiches, casseroles, stews, or other mixtures? NEVER (GO TO QUESTION 81) 1–6 times per year 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

Over the past 12 months	82. How often did you eat baked ham or ham steak?
80a. Each time you ate chicken as part of salads , sandwiches , casseroles , stews , or other mixtures , how much did you usually eat?	☐ NEVER (GO TO QUESTION 83)
Less than ½ cup ½ to 1½ cups More than 1½ cups	☐ 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
81. How often did you eat baked , broiled , roasted , stewed , or fried chicken (including nuggets)? (Please do not include chicken in mixtures.)	82a. Each time you ate baked ham or ham steak , how much did you usually eat?
NEVER (GO TO QUESTION 82) 1–6 times per year	□ Less than 1 ounce □ 1 to 3 ounces □ More than 3 ounces ■ More than 3 ounces ■ Sa. 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) □ 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 83a. Each time you ate pork , how much did you
81b. How often was the chicken you ate fried chicken (including deep fried) or chicken nuggets ?	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.?
☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always 81c. How often was the chicken you ate WHITE meat?	NEVER (GO TO QUESTION 85) 1–6 times per year
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	2–3 times per month 1 time per day 2 or more times per day 4 a. Each time you ate gravy on meat, chicken, potatoes, rice, etc., how much did you usually eat?
81d. How often did you eat chicken WITH skin? Almost never or never About ½ of the time About ½ of the time About ¾ of the time About ¾ of the time Almost always or always	☐ Less than ¼ cup ☐ ⅓ to ½ cup ☐ More than ½ cup

Over the past 12 months	87a. Each time you ate sausage , how much did
85. How often did you eat liver (all kinds) or liverwurst ?	you usually eat? ☐ Less than 1 patty or 2 links ☐ 1 to 3 patties or 2 to 5 links
☐ NEVER (GO TO QUESTION 86)	☐ More than 3 patties or 5 links
□ 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 85a. Each time you ate liver or liverwurst , how much did you usually eat?	87b. How often was the sausage you ate light, low-fat, or lean sausage? Almost never or never About ¼ of the time About ½ of the time About ¾ of the time About ¾ of the time Almost always or always
Less than 1 ounce 1 to 4 ounces More than 4 ounces	88. How often did you eat fish sticks or fried fish (including fried seafood or shellfish)?
86. How often did you eat bacon (including low-fat)?	NEVER (GO TO QUESTION 89)
 NEVER (GO TO QUESTION 87) □ 1–6 times per year □ 2 times per week □ 7–11 times per year □ 3–4 times per week 	☐ 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 ☐ 2 or more times per day
☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day	88a. Each time you ate fish sticks or fried fish , how much did you usually eat?
86a. Each time you ate bacon , 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
☐ Fewer than 2 slices ☐ 2 to 3 slices ☐ More than 3 slices	89. How often did you eat fish or seafood that was NOT FRIED (including shellfish)?
86b. How often was the bacon you ate light , low- fat , or lean bacon ?	☐ NEVER (GO TO INTRODUCTION TO QUESTION 90)
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	☐ 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 ☐ 2 or more times per day
87. How often did you eat sausage (including low-fat)?	89a. Each time you ate eat fish or seafood that was NOT FRIED, how much did you usually eat?
NEVER (GO TO QUESTION 88) □ 1–6 times per year □ 7–11 times per year □ 1 time per month □ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day	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

Over the past 12 months	92. Over the past 12 months, did you eat soups?
Now think about all the meat, poultry, and fish you ate in the <u>past 12 months</u> and how they were prepared.	☐ NO (GO TO QUESTION 93) ☐ YES
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.)	92a. How often did you eat soup DURING THE WINTER? □ NEVER
NEVER (GO TO QUESTION 91) 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 1 time per week 2 or more times per day 1 time per week 2 or more times per day 90a. Which of the following fats were regularly used to prepare your meat, poultry, or fish? (Mark all that apply.) Margarine (including Corn oil Canola or rapeseed oil Butter (including Oil spray, such as Pam or others Lard, fatback, or Other kinds of oils pacon fat None of the above Olive oil None of the above Olive oil None of the above Olive oil 1 time per week 1 time per month 5-6 times per week 1 time per month 1 time per day 1 time per week 2 or more times per day 91a. Each time you ate tofu, soy burgers, or soy meat-substitutes, how much did you usually eat? Less than ½ cup or less than 2 ounces More than ½ cup or more than 4 ounces More than 20 times per we	1-6 times per winter 2 times per week 7-11 time per month 5-6 times per week 2-3 times per month 1 time per day 2 or more times per day 2 times per week 1 time per week 2 or more times per day 2 times per week 2 times per week 2 times per week 2 times per week 3-4 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 2 or more times per day 2 or more times per day 2 or more times per day 92c. Each time you ate soup, how much did you usually eat? Less than 1 cup 1 to 2 cups More than 2 cups More than 2 cups 92d. How often were the soups you ate bean soups? Almost never or never About ½ of the time About ½ of the time Almost always or always 92e. How often were the soups you ate cream soups (including chowders)? Almost never or never About ½ of the time About ¼ of the time About ¾ of the time Almost always or always Almost always

Over the <u>past 12 months</u>	94a. Each time you ate crackers , how many did you usually eat?
92f. How often were the soups you ate tomato or vegetable soups? Almost never or never About ¼ of the time About ¾ of the time About ¾ of the time Almost always or always 92g. How often were the soups you ate broth soups (including chicken) with or without noodles or rice? Almost never or never About ¼ of the time About ¾ of the time	Fewer than 4 crackers 4 to 10 crackers More than 10 crackers More than 10 crackers More than 10 crackers More than 10 crackers More than 10 crackers More than 10 crackers More than 10 crackers More than 10 crackers More than 10 crackers Word than 10 crackers 1 times? NEVER (GO TO QUESTION 96) 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 95a. Each time you ate corn bread or corn muffins, how much did you usually eat?
_ , ,	
93. How often did you eat pizza ?	☐ Less than 1 piece or muffin☐ 1 to 2 pieces or muffins☐ More than 2 pieces or muffins
□ 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 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 □ More than 3 slices or more than 1 mini pizza 93b. How often did you eat pizza with pepperoni, sausage, or other meat? □ Almost never or never □ About ¼ of the time □ About ¾ of the time □ About ¾ of the time □ Almost always or always	96. How often did you eat biscuits? NEVER (GO TO QUESTION 97) 1–6 times per year
94. How often did you eat crackers ? NEVER (GO TO QUESTION 95) 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	□ 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

Over the past 12 months... 99a. Each time you ate pretzels, how many did you usually eat? 97a. Each time you ate potato chips, tortilla ☐ Fewer than 5 average twists chips, or corn chips, how much did you 5 to 20 average twists usually eat? ☐ More than 20 average twists Fewer than 10 chips or less than 1 cup 100. How often did you eat peanuts, walnuts, ☐ 10 to 25 chips or 1 to 2 cups ☐ More than 25 chips or more than 2 cups seeds, or other nuts? ☐ NEVER (GO TO QUESTION 101) 97b. How often were the chips you ate **Wow** chips or other chips made with fat ☐ 1–6 times per year 2 times per week substitute (Olean or Olestra)? ☐ 7–11 times per year 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ Almost never or never 2–3 times per month ☐ 1 time per day About ¼ of the time ☐ 1 time per week 2 or more times per day About ½ of the time About ¾ of the time 100a. Each time you ate peanuts, walnuts, seeds, ☐ Almost always or always or other nuts, how much did you usually eat? 97c. How often were the chips you ate other low-Less than ¼ cup fat or fat-free chips? ☐ ¼ to ½ cup ☐ More than ½ cup Almost never or never ☐ About ¼ of the time 101. How often did you eat energy, high-protein, or ☐ About ½ of the time breakfast bars such as Power Bars, Balance, ☐ About ¾ of the time Clif, or others? ☐ Almost always or always ☐ NEVER (GO TO QUESTION 102) 98. How often did you eat popcorn (including lowfat)? ☐ 1–6 times per year 2 times per week ☐ 7–11 times per year 3-4 times per week ☐ NEVER (GO TO QUESTION 99) ☐ 5–6 times per week 1 time per month ☐ 2–3 times per month ☐ 1 time per day ☐ 1–6 times per year ☐ 2 times per week ☐ 1 time per week 2 or more times per day ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week 101a. Each time you ate **energy**, **high-protein**, or 2–3 times per month ☐ 1 time per day breakfast bars, how much did you usually ☐ 1 time per week 2 or more times per day eat? 98a. Each time you ate **popcorn**, how much did ☐ Less than 1 bar you usually eat? □ 1 bar ☐ More than 1 bar Less than 2 cups, popped ☐ 2 to 5 cups, popped 102. How often did you eat yogurt (NOT including ☐ More than 5 cups, popped frozen vogurt)? 99. How often did you eat pretzels? ☐ NEVER (GO TO QUESTION 103) ☐ NEVER (GO TO QUESTION 100) ☐ 1–6 times per year 2 times per week ☐ 3–4 times per week ☐ 7–11 times per year ☐ 1–6 times per year ☐ 2 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 7–11 times per year ☐ 3–4 times per week ☐ 2–3 times per month ☐ 1 time per day 1 time per month ☐ 5–6 times per week ☐ 1 time per week ☐ 2 or more times per day ☐ 2–3 times per month 1 time per day ☐ 1 time per week 2 or more times per day

102a. Each time you ate yogurt, how much did you usually eat? Less than ½ cup or less than 1 container About ½ of the time Ab	Over the past 12 months	104c. How often was the cheese you ate fat-free cheese ?
ices (including low-fat or fat-free)? NEVER (GO TO QUESTION 104) -6 times per year 3-4 times per week 7-11 times per year 3-4 times per week 1 time per month 6-6 times per week 2 or more times per day 1 time per month 1 time per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per week 7-11 times per year 2 times per week 7-11 times per year 3-4 times per week 7-11 times per year 3-3 times per week 7-11 times per year 2 times per week 7-11 times per year 3-3 times per week 7-11 times per year 1 time per day 1 time per day 1 time per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per month 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per month 1 time per month 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per day 1 time per week 2 or more times per d	you usually eat? Less than ½ cup or less than 1 container ½ to 1 cup or 1 container More than 1 cup or more than 1 container	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
About ¾ of the time	(including low-fat)? NEVER (GO TO QUESTION 104) 1-6 times per year	NEVER (GO TO QUESTION 106) 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 1 time per week 2 or more times per day 105a. Each time you ate frozen yogurt, sorbet, or ices, how much did you usually eat? Less than ½ cup or less than 1 scoop ½ to 1 cup or 1 to 2 scoops More than 1 cup or more than 2 scoops Never (GO To QUESTION 107) 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 106a. Each time you ate ice cream, ice cream bars, or sherbet, how much did you usually eat? Less than ½ cup or less than 1 scoop ½ to 1½ cups or 1 to 2 scoops More than 1½ cups or more than 2 scoops More than 1½ cups or more than 2 scoops Almost never or never About ¼ of the time

Over the past 12 months... 109. How often did you eat doughnuts, sweet rolls, Danish, or pop-tarts? 107. How often did you eat cake (including low-fat or ☐ NEVER (GO TO QUESTION 110) fat-free)? ☐ 1–6 times per year ☐ 2 times per week ☐ NEVER (GO TO QUESTION 108) ☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week ☐ 1–6 times per year ☐ 2 times per week 1 time per day 2 or more times per day ☐ 2–3 times per month 7–11 times per year ☐ 3–4 times per week ☐ 1 time per week ☐ 1 time per month ☐ 5–6 times per week 2–3 times per month 1 time per day 109a. Each time you ate doughnuts, sweet rolls, ☐ 1 time per week 2 or more times per day Danish, or pop-tarts, how much did you 107a. Each time you ate cake, how much did you usually eat? usually eat? Less than 1 piece Less than 1 medium piece 1 to 2 pieces ☐ 1 medium piece ☐ More than 2 pieces ☐ More than 1 medium piece 110. How often did you eat sweet muffins or dessert breads (including low-fat or fat-free)? 107b. How often was the cake you ate light, lowfat, or fat-free cake? ☐ NEVER (GO TO QUESTION 111) ☐ Almost never or never About ¼ of the time ☐ 1–6 times per year ☐ 2 times per week 7–11 times per year 3–4 times per week About ½ of the time 1 time per month About ¾ of the time ☐ 5–6 times per week ☐ Almost always or always ☐ 2–3 times per month ☐ 1 time per day ☐ 1 time per week 2 or more times per day 108. How often did you eat cookies or brownies 110a. Each time you ate sweet muffins or dessert (including low-fat or fat-free)? breads, how much did you usually eat? ☐ NEVER (GO TO QUESTION 109) Less than 1 medium piece ☐ 1 medium piece ☐ 2 times per week ☐ 1–6 times per year ☐ More than 1 medium piece ☐ 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 2 or more times per day ☐ 1 time per week 110b. How often were the sweet muffins or dessert breads you ate light, low-fat, or fatfree sweet muffins or dessert breads? 108a. Each time you ate cookies or brownies, how much did you usually eat? ☐ Almost never or never ☐ About ¼ of the time About ½ of the time Less than 2 cookies or 1 small brownie ☐ About ¾ of the time 2 to 4 cookies or 1 medium brownie ☐ More than 4 cookies or 1 large brownie ☐ Almost always or always 111. How often did you eat fruit crisp, cobbler, or 108b. How often were the cookies or brownies you strudel? ate light, low-fat, or fat-free cookies or brownies? ☐ NEVER (GO TO QUESTION 112) Almost never or never ☐ 1–6 times per year 2 times per week 7–11 times per year 3-4 times per week ☐ About ¼ of the time 5–6 times per week ☐ 1 time per month ☐ About ½ of the time 2–3 times per month ☐ 1 time per day ☐ About ¾ of the time ☐ 1 time per week 2 or more times per day ☐ Almost always or always

Over the past 12 months... 116. How many cups of **coffee**, caffeinated or decaffeinated, did you drink? 115a. Each time you ate eggs, how many did you ☐ NEVER (GO TO QUESTION 117) usually eat? Less than 1 cup per ☐ 5–6 cups per week ☐ 1 eaa ☐ 1 cup per day month 2 eggs ☐ 1–3 cups per month ☐ 2–3 cups per day ☐ 3 or more eggs ☐ 1 cup per week ☐ 4–5 cups per day ☐ 2–4 cups per week 6 or more cups per day 115b. How often were the eggs you ate egg substitutes? 116a. How often was the coffee you drank decaffeinated? ☐ Almost never or never ☐ About ¼ of the time ☐ Almost never or never About ½ of the time About ¾ of the time ☐ About ¼ of the time About ½ of the time Almost always or always About ¾ of the time Almost always or always 115c. How often were the eggs you ate egg whites only? 117. How many glasses of **ICED tea**, caffeinated or decaffeinated, did you drink? ☐ Almost never or never About ¼ of the time ☐ NEVER (GO TO QUESTION 118) About ½ of the time ☐ About ¾ of the time Less than 1 cup per ☐ 5–6 cups per week ☐ Almost always or always month 1 cup per day 2–3 cups per day 1-3 cups per month 115d. How often were the eggs you ate regular 1 cup per week 4–5 cups per day whole eggs? ☐ 2–4 cups per week ☐ 6 or more cups per day ☐ Almost never or never 117a. How often was the iced tea you drank ☐ About ¼ of the time decaffeinated or herbal tea? About ½ of the time About ¾ of the time ☐ Almost never or never ☐ Almost always or always ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time 115e. How often were the eggs you ate cooked in ☐ Almost always or always oil, butter, or margarine? 118. How many cups of **HOT tea**, caffeinated or ☐ Almost never or never decaffeinated, did you drink? About ¼ of the time About ½ of the time ☐ NEVER (GO TO QUESTION 119) About ¾ of the time ☐ Almost always or always Less than 1 cup per 5–6 cups per week 1 cup per day month 115f. How often were the eggs you ate part of 2–3 cups per day ☐ 1–3 cups per month egg salad? 4–5 cups per day ☐ 1 cup per week 2–4 cups per week 6 or more cups per day ☐ Almost never or never About ¼ of the time 118a. How often was the hot tea you drank ☐ About ½ of the time decaffeinated or herbal tea? ☐ About ¾ of the time ☐ Almost always or always ☐ Almost never or never ☐ About ¼ of the time About ½ of the time ☐ About ¾ of the time ☐ Almost always or always

Over the past 12 months	125c. How often was the margarine you ate fat- free margarine?
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.)	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time
	l <u>=</u>
margarine? NO (GO TO QUESTION 126)	127a. How often was the mayonnaise you ate
Tyes 125a. How often was the margarine you ate regular-fat margarine (stick or tub)? ☐ Almost never or never ☐ About ½ of the time ☐ About ¾ 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 ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ About ¾ of the time ☐ About ¾ of the time ☐ Almost always or always	regular-fat mayonnaise? Almost never or never About ½ of the time About ¾ of the time About ¾ 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 ¼ of the time About ½ of the time About ¾ of the time About ¾ of the time About ¾ of the time Almost always or always
1	' 1

Over the past 12 months	129b. How often was the cream cheese you ate light, low-fat, or fat-free cream cheese?
127c. How often was the mayonnaise you ate fat- free mayonnaise?	☐ Almost never or never
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always 130. Over the past 12 months, did you eat salad
128. Over the past 12 months, did you eat sour cream?	dressing? ☐ NO (GO TO INTRODUCTION TO QUESTION 131)
☐ NO (GO TO QUESTION 129)	YES
↑ YES 128a. How often was the sour cream you ate regular-fat sour cream?	130a. How often was the salad dressing you ate regular-fat salad dressing (including oil and vinegar dressing)?
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ About ¾ of the time ☐ Almost always or always	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always 130b. How often was the salad dressing you ate
128b. How often was the sour cream you ate light, low-fat, or fat-free sour cream?	light or low-fat salad dressing?
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
129. Over the <u>past 12 months</u> , did you eat cream cheese ?	130c. How often was the salad dressing you ate fat-free salad dressing?
☐ NO (GO TO QUESTION 130) ☐ YES	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
▼ 129a. How often was the cream cheese you ate regular-fat cream cheese?	The following two questions ask you to summarize your usual intake of vegetables and fruits. Please do not include salads, potatoes, or
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	juices. 131. Over the <u>past 12 months</u> , how many servings of vegetables (not including salad or potatoes) did you eat per week or per day?
	☐ Less than 1 per week ☐ 2 per day ☐ 1–2 per week ☐ 3 per day ☐ 3–4 per week ☐ 4 per day ☐ 5–6 per week ☐ 5 or more per day ☐ 1 per day

Over the past 12 months	The next questions are about your use of fiber supplements or vitamin pills.
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	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
1 per day 133. Over the past month, which of the following foods did you eat AT LEAST THREE TIMES? (Mark all that apply.) Avocado, guacamole	basis (GO TO QUESTION 136) YES, psyllium products (such as Metamucil, Fiberall, Serutan, Perdiem, Correctol) YES, methylcellulose/cellulose products (such as Citrucel, Unifiber) YES, Fibercon 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-, Theragran-, 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-, Theragran-, 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

Over the past 12 months	139. How often did you take Vitamin A (NOT as part of a multivitamin in Question 137)?
137c. Over the <u>past 12 months</u> , did you take any vitamins, minerals, or other herbal	☐ NEVER (GO TO QUESTION 140)
supplements other than your multivitamin?	☐ Less than 1 day per month
□NO	☐ 1–3 days per month☐ 1–3 days per week
	4–6 days per week
Thank you <u>very much</u> for completing this questionnaire! Because we want to be able to use all the information you have provided, we would greatly appreciate it if you would please take a moment to review each page making sure that you: Did not skip any pages and Crossed out the incorrect answer and circled	☐ 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
the correct answer if you made any changes.	☐ Don't know
YES (GO TO INTRODUCTION TO QUESTION 138)	139b. For how many years have you taken Vitamin A?
These last questions are about the vitamins, minerals, or herbal supplements you took that are NOT part of a One-a-day-, Theragran-, or Centrum-type of multivitamin.	Less than 1 year 1–4 years 5–9 years 10 or more years
Please include vitamins taken as part of an antioxidant supplement.	140. How often did you take Vitamin C (NOT as part of a multivitamin in Question 137)?
138. How often did you take Beta-carotene (NOT as part of a multivitamin in Question 137)?	□ NEVER (GO TO QUESTION 141)
☐ 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
☐ Less than 1 day per month ☐ 1–3 days per month	Every day
☐ 1–3 days per week☐ 4–6 days per week	140a. When you took Vitamin C , about how much
Every day	did you take in one day?
138a. When you took Beta-carotene , 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
Less than 10,000 IU 10,000–14,999 IU	☐ 2,000 mg or more
☐ 15,000–19,999 IU	☐ Don't know
☐ 20,000–24,999 IU ☐ 25,000 IU or more ☐ Don't know	140b. For how many years have you taken Vitamin C?
138b. For how many years have you taken Beta- carotene?	☐ Less than 1 year ☐ 1–4 years ☐ 5–9 years
☐ Less than 1 year ☐ 1–4 years ☐ 5–9 years ☐ 10 or more years	☐ 10 or more years

Over the past 12 months	142b. For how many years have you taken Calcium or Calcium-containing antacids?
141. How often did you take Vitamin E (NOT as part of a multivitamin in Question 137)?	☐ Less than 1 year
☐ NEVER (GO TO QUESTION 142)	☐ 1–4 years ☐ 5–9 years ☐ 10 or more years
☐ Less than 1 day per month ☐ 1–3 days per month ☐ 1–3 days per week ☐ 4–6 days per week ☐ Every day	The last two questions ask you about other supplements you took more than once per week. 143. Please mark any of the following single
141a. When you took Vitamin E , about how much did you take in one day?	supplements you took more than once per week (NOT as part of a multivitamin in Question 137):
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?	☐ B-6 ☐ Folic acid/folate ☐ B-complex ☐ Glucosamine ☐ Brewer's yeast ☐ Hydroxytryptophan (HTP ☐ Cod liver oil ☐ Iron ☐ Coenzyme Q ☐ Niacin ☐ Fish oil ☐ Selenium (Omega-3 fatty acids) ☐ Zinc
Less than 1 year 1–4 years 5–9 years	144. Please mark any of the following herbal or botanical supplements you took <u>more than</u> once per week.
□ 10 or more years 142. How often did you take Calcium or Calcium- containing antacids (NOT as part of a multivitamin 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 or Calcium-	□ Aloe Vera □ Ginger □ Astragalus □ Ginkgo biloba □ Bilberry □ Ginseng (American or □ Cascara sagrada Asian) □ Cat's claw □ Goldenseal □ Cayenne □ Grapeseed extract □ Cranberry □ Kava, kava □ Dong Kuai (Tangkwei) □ Milk thistle □ Echinacea □ Saw palmetto □ Evening primrose oil □ Siberian ginseng □ Feverfew □ St. John's wort □ Garlic □ Valerian □ Other
142a. When you took Calcium or Calcium- containing antacids, about how much elemental calcium did you take in one day? (If possible, please check the label for elemental calcium.) Less than 500 mg 500–599 mg 600–999 mg 1,000 mg or more Don't know	Thank you <u>very much</u> for completing this questionnaire! Because we want to be able to use all the information you have provided, we would greatly appreciate it if you would please take a moment to review each page making sure that you: Did not skip any pages and Crossed out the incorrect answer and circled the correct answer if you made any changes.