NATIONAL INSTITUTES OF HEALTH

Diet History Questionnaire II



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 **2010** ☐ Feb **2011** □0 □0 ☐ Mar **2012** □1 □1 ☐ Apr **2013 □2** □2 **2014** ☐ May □3 □3 **2015** ☐ Jun □4 **2016** ☐ Jul □5 ☐ Aug **2017** □ Sep **□**6 **2018** □ 2019 ☐ Oct **□7** ☐ Nov **2020** □8 Dec **□**9

In what month were you born?

Jan
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8

□ 1 □2	□Male
□3	□Female
□4	

BAR CODE LABEL OR SUBJECT ID HERE

Over the <u>past 12 months</u> , how often did you drink carrot juice?	3b. How often was the orange juice or grapefruit juice you drank calcium-fortified ?
□ NEVER (GO TO QUESTION 2) □ 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 1/4 of the time ☐ About 1/2 of the time ☐ About 3/4 of the time ☐ Almost always or always 4. Over the past 12 months, how often did you
 1a. Each time you drank carrot juice, how much did you usually drink? ☐ Less than ½ cup (4 ounces) ☐ ½ to 1½ cups (4 to 10 ounces) ☐ More than 1½ cups (10 ounces) 2. Over the past 12 months, how often did you drink tomato juice or other vegetable juice? (Please do not include carrot juice.) 	drink other 100% fruit juice or 100% fruit juice mixtures (such as apple, grape, pineapple, or others)? NEVER (GO TO QUESTION 5) 1 time per month or less
NEVER (GO TO QUESTION 3) 1 time per month or less 1 time per day 2–3 times per week 4–5 times per day 3–4 times per week 6 or more times per day 5–6 times per week 6 or more times per day 5–6 times per week 4–5 times per day 5–6 times per week 6 or more times per day 5–6 times per week 2a. Each time you drank tomato juice or other vegetable juice, how much did you usually drink? Less than ¾ cup (6 ounces) ⅓ to 1¼ cups (6 to 10 ounces) More than 1¼ cups (10 ounces) More than 1¼ cups (10 ounces) 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 6 or more times per day 1 time per month or less 1 time per day 1 times per week 4–5 times per day 1 times per week 4–5 times per day 3–4 times per week 4 –5 times per day 3–4 times per week 4 –5 times per day 3 –4 times per week 4 –5 times per day 3 –4 times per week 4 –5 times per day 4 –5 times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times per day 5 –6 times per week 6 or more times 6 or more time	More than 1½ cups (12 ounces) 4b. How often were the other 100% fruit juice or 100% fruit juice mixtures you drank calcium-fortified? Almost never or never About ¼ of the time About ½ of the time About ¾ of the time Almost always or always 5. How often did you drink other fruit drinks (such as cranberry cocktail, Hi-C, lemonade, or Kool-Aid, diet or regular)?
	

Over the past 12 months	7a. Each time you drank chocolate milk , how much did you usually drink?
5a. 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) More than 2 cups (16 ounces) Almost never or never About ½ of the time About ½ of the time About ¾ of the time Almost always or always Almost always or al	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) 7b. How often was the chocolate milk reduced- fat or fat-free? Almost never or never About ½ of the time About ½ of the time About ¾ of the time Almost always or always 8. How often did you drink meal replacement or high-protein beverages (such as Instant Breakfast, Ensure, Slimfast, Sustacal or others)? NEVER (GO TO QUESTION 9) 1 time per month or less 1 time per day 1-2 times per week 4-5 times per day 3-4 times per week do or more times per day 3-4 times per week do or more times per day 1 to 1½ cups (8 to 12 ounces) More than 1½ cups (8 to 12 ounces) More than 1½ cups (8 to 12 ounces) More than 1½ cups (12 ounces) NO (GO TO QUESTION 10) YES 9a. How often did you drink soda or pop? NO (GO TO QUESTION 10) YES 9a. How often did you drink soda or pop IN THE SUMMER? I time per month or less 1 time per day 2-3 times per day 3-4 times per week do or more times per day 3-4 times per week do or more times per day 3-4 times per week do or more times per day 3-4 times per week do or more times per day 3-4 times per week do or more times per day 3-4 times per week do or more times do or mor
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(Over th	e <u>past 12 months</u>		10b.	How often did you drink sports drinks DURING THE REST OF THE YEAR?
	9b.	How often did you drink soda or pop DURING THE REST OF THE YEAR?			□ NEVER
		□ NEVER□ 1 time per month or less□ 1 time per day			☐ 1 time per month or less ☐ 1 time per day ☐ 2–3 times per month ☐ 2–3 times per day ☐ 4–5 times per day ☐ 3–4 times per week ☐ 6 or more times
		□ 2–3 times per month □ 1–2 times per week □ 3–4 times per week □ 5–6 times per week □ 5 –6 times per week		10c.	5–6 times per week per day Each time you drank sports drinks , how
	9c.	Each time you drank soda or pop , how			much did you usually drink? ☐ Less than 12 ounces or less than 1 bottle
		much did you usually drink? ☐ Less than 12 ounces or less than 1 can or bottle			☐ 12 to 24 ounces or 1 to 2 bottles☐ More than 24 ounces or more than 2 bottles☐
		☐ 12 to 16 ounces or 1 can or bottle ☐ More than 16 ounces or more than 1 can or bottle	1		er the past 12 months, did you drink energy
	9d.	How often were these sodas or pop diet or sugar-free ?	,		nks (such as Red Bull or Jolt)? NO (GO TO QUESTION 12)
		☐ Almost never or never			YES
		☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always		▼ 11a.	How often did you drink energy drinks IN THE SUMMER?
	9e.	How often were these sodas or pop			□ NEVER
		caffeine-free? ☐ Almost never or never ☐ About ½ of the time ☐ About ½ of the time ☐ About ¾ of the time			☐ 1 time per month or less ☐ 2–3 times per month ☐ 1–2 times per week ☐ 3–4 times per week ☐ 5–6 times per week ☐ per day ☐ 4–5 times per day ☐ 6 or more times ☐ per day
		☐ Almost always or always		11b.	How often did you drink energy drinks DURING THE REST OF THE YEAR?
•		er the <u>past 12 months</u> , did you drink sports nks (such as Propel, PowerAde, or			□ NEVER
	Ga — □	torade)? NO (GO TO QUESTION 11) YES			☐ 1 time per month or less ☐ 2–3 times per month ☐ 1–2 times per week ☐ 3–4 times per week ☐ 5–6 times per week ☐ 1 time per day ☐ 2–3 times per day ☐ 4–5 times per day ☐ 6 or more times ☐ per day
	10a.	How often did you drink sports drinks IN THE SUMMER ?		11c.	Each time you drank energy drinks , how much did you usually drink?
		 NEVER 1 time per month or less 2-3 times per month 1-2 times per week 3-4 times per week 5-6 times per week 1 time per day 2-3 times per day 4-5 times per day 6 or more times per day 			☐ Less than 8 ounces or less than 1 cup ☐ 8 to 16 ounces or 1 to 2 cups ☐ More than 16 ounces or more than 2 cups

Over the past 12 months 12. Over the past 12 months, did you drink beer?	13b. How often did you drink water (including tap, bottled, and carbonated water) DURING THE REST OF THE YEAR?
☐ NO (GO TO QUESTION 13)	□ NEVER
YES 12a. How often did you drink beer IN THE SUMMER?	☐ 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
□ 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 12b. How often did you drink beer DURING THE	 13c. Each time you drank water, how much did you usually drink? Less than 12 ounces or less than 1 bottle 12 to 24 ounces or 1 to 2 bottles More than 24 ounces or more than 2 bottles 13d. How often was the water you drank tap
REST OF THE YEAR? NEVER 1 time per month or less 1 time per day 2–3 times per month 2–3 times per day 4–5 times per day 3–4 times per week 6 or more times 5–6 times per week per day 12c. 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	water? ☐ Almost never or never ☐ About ½ of the time ☐ About ¾ of the time ☐ About ¾ of the time ☐ Almost always or always 13e. How often was the water you drank bottled, sweetened water (with low or no-calorie sweetener, including carbonated water)? ☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always 13f. How often was the water you drank bottled, unsweetened water (including carbonated water)?
13. Over the past 12 months, did you drink water (including tap, bottled, and carbonated water)? ☐ NO (GO TO QUESTION 14)	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
13a. How often did you drink water (including tap, bottled, and carbonated water) IN THE SUMMER? □ NEVER □ 1 time per month or less □ 1 time per day □ 2–3 times per month □ 2–3 times per day □ 1–2 times per week □ 4–5 times per day □ 3–4 times per week □ 6 or more times □ 5–6 times per week □ per day	14. How often did you drink wine or wine coolers? NEVER (GO TO QUESTION 15) 1 time per month or less 1 time per day 2-3 times per month 2-3 times per day 4-5 times per day 3-4 times per week 6 or more times per day 5-6 times per week

eat? Less than ¾ cup 3⁄4 to 1¼ cups More than 1¼ cups How often was butter or margarine added to your oatmeal, grits or other cooked cereal? Almost never or never About ¼ of the time About ½ of the time
to your oatmeal, grits or other cooked cereal? Almost never or never About 1/4 of the time
About ¼ of the time
About ¾ of the time Almost always or always day 17. How often did you eat cold cereal ?
NEVER (GO TO QUESTION 18) 1–6 times per year
17a. Each time you ate cold cereal , how much did you usually eat?
☐ Less than 1 cup ☐ 1 to 2½ cups ☐ More than 2½ cups
17b. How often was the cold cereal you ate Total Raisin Bran , Total Cereal , or Product 19 ?
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always 17c. How often was the cold cereal you ate All Bran, Fiber One, 100% Bran, or All-Bran
Bran Buds? 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

17d. 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)? Almost never or never	Over the past 12 months	18a. Each time you ate applesauce , how much
Almost never or never About ½ of the time About ¾ of the time per day About ¾ of the time About ¾ of the time About ¾ of	other bran or fiber cereal (such as Cheerios, Shredded Wheat, Raisin Bran, Bran Flakes, Grape-Nuts, Granola, Wheaties, or Healthy	☐ ½ to 1 cup ☐ More than 1 cup
frozen)? No (GO TO QUESTION 18)	 About ¼ of the time About ½ of the time About ¾ of the time Almost always or always 17e. 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 ¼ of the time About ¾ of the time About ¾ of the time About ¾ of the time About ¾ of the time About ¾ of the time About ¾ of the time 	NEVER (GO TO QUESTION 20) 1–6 times per year
YES 17g. What kind of milk was usually added? 1-6 times per year 2 times per week 2-3 times per week 2-3 times per week 2-3 times per week 2-3 times per week 2 times per week 2-3 times per week 2-3 times per month 1 time per day 2 times per week 2-3 times per month 1 time per day 2 times per week 2-3 times per month 1 time per day 2 times per week 2 times per week 2-3 times per month 1 time per day 2 times per week	17f. Was milk added to your cold cereal?	• • •
☐ 1 time per week ☐ 2 or more times per day	YES 17g. What kind of milk was usually added?	NEVER (GO TO QUESTION 21) 1–6 times per year

Over the past 12 months	23c. Each time you ate peaches, nectarines, or plums, how much did you usually eat?
21a. Each time you ate bananas, how many did you usually eat?Less than 1 banana1 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
☐ More than 1 banana	24. How often did you eat grapes ?
1 banana More than 1 banana	·
□ 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 ☐ per day

Over the past 12 months	27. Over the <u>past 12 months</u> , did you eat strawberries?
25c. Each time you ate cantaloupe , how much did you usually eat?	NO (GO TO QUESTION 28)
 Less than ¼ melon or less than ½ cup ¼ melon or ½ to 1 cup More than ¼ melon or more than 1 cup 	YES 27a. How often did you eat fresh strawberries WHEN IN SEASON?
26. Over the past 12 months, did you eat melon, other than cantaloupe (such as watermelon or honeydew)? NO (GO TO QUESTION 27) YES	□ NEVER □ 1–6 times per season □ 2 times per week □ 7–11 times per season □ 3–4 times per week □ 1 time per month □ 5–6 times per week □ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day
26a. How often did you eat fresh melon, other than cantaloupe, WHEN IN SEASON? NEVER 1-6 times per season 7-11 times per season 1 time per month 2-3 times per month 1 time per day 1 time per week 2 or more times per day	27b. How often did you eat strawberries (fresh or frozen) DURING THE REST OF THE YEAR? NEVER 1-6 times per year
26b. How often did you eat melon other than cantaloupe (fresh or frozen) DURING THE REST OF THE YEAR?	☐ 1 time per week ☐ 2 or more times per day 27c. Each time you ate strawberries , how much did you usually eat?
□ 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	☐ 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 ✓ 28. Over the past 12 months, did you eat oranges, tangerines, or clementines? ☐ NO (GO TO QUESTION 29)
26c. 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	YES 28a. How often did you eat fresh oranges, tangerines, or clementines WHEN IN SEASON? NEVER 1-6 times per season

Over the past 12 months	29c. Each time you ate grapetruit , now much did
28b. How often did you eat oranges , tangerines , or clementines (fresh or canned) DURING THE REST OF THE YEAR ?	you usually eat? Less than ½ grapefruit '½ grapefruit More then ½ grapefruit
□ NEVER	☐ More than ½ grapefruit
☐ 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 ☐ 5–6 times per week ☐ 1 time per day ☐ 2 or more times per day	30. How often did you eat pineapple? 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
28c. Each time you ate oranges , tangerines , or clementines , how many did you usually eat?	2–3 times per month
Less than 1 fruit	30a. Each time you ate pineapple , how much did you usually eat?
☐ More than 1 fruit 29. Over the <u>past 12 months</u> , did you eat grapefruit ?	☐ Less than ¼ cup or less than 1 medium slice ☐ ¼ to ¾ cup or 1 medium slice ☐ More than ¾ cup or more than 1 medium slice
NO (GO TO QUESTION 30)	▼ 31. How often did you eat other kinds of fruit ?
☐ YES	┌──── NEVER (GO TO QUESTION 32)
	☐ 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 season ☐ 7–11 times per season ☐ 1 time per month ☐ 2–3 times per month ☐ 1 time per week ☐ 2 times per week ☐ 5–6 times per week ☐ 1 time per day ☐ 2 times per week ☐ 2 or more times ☐ 2 per day	31a. Each time you ate other kinds of fruit , how much did you usually eat? Less than ¼ cup ¼ to ¾ cup More than ¾ cup
29b. How often did you eat grapefruit (fresh or canned) DURING THE REST OF THE YEAR? NEVER 1-6 times per year 7-11 times per year 1 time per month 2-3 times per month 1 time per week 1 time per week 2 or more times per day per day	32. How often did you eat COOKED greens (such as spinach, turnip, collard, mustard, chard, or kale)? NEVER (GO TO QUESTION 33) 1-6 times per year 2 times per week 3-4 times per week 3-4 times per week 5-6 times per week 2-3 times per month 1 time per day 2 or more times per day

Over the past 12 months	35a. Each time you ate sauerkraut or cabbage , how much did you usually eat?
32a. Each time you ate COOKED greens , how much did you usually eat? Less than ½ cup ½ to 1 cup More than 1 cup	Less than ¼ cup ¼ to 1 cup More than 1 cup 36. How often did you eat carrots (fresh, canned, or
33. 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 34) 1–6 times per year	frozen)? NEVER (GO TO QUESTION 37) 1–6 times per year
34. How often did you eat coleslaw? 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 34a. 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 1/4 to ¾ cup More than 3/4 cup More than coleslaw)? 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 2–3 times per month 1 time per day 1 time per week 2 or more times per day	NEVER (GO TO QUESTION 38) 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 37a. Each time you ate string beans or green beans, how much did you usually eat? Less than ½ cup ½ to 1 cup More than 1 cup More than 1 cup 38. How often did you eat peas (fresh, canned, or frozen)? NEVER (GO TO QUESTION 39) 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
↓	\downarrow

Over the <u>past 12 months</u>	40. How often did you eat broccoli (fresh or
38a. Each time you ate peas , how much did you usually eat?	frozen)? —
☐ Less than ¼ cup ☐ ¼ to ¾ cup ☐ More than ¾ cup 39. Over the past 12 months, did you eat corn?	☐ 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
☐ NO (GO TO QUESTION 40)	40a. Each time you ate broccoli , how much did you usually eat?
→ YES 39a. How often did you eat fresh corn WHEN IN SEASON?	Less than ¼ cup ¼ to 1 cup More than 1 cup
□ NEVER □ 1-6 times per season □ 2 times per week □ 7-11 times per season □ 3-4 times per week □ 1 time per month □ 5-6 times per week □ 2-3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day 39b. How often did you eat corn (fresh, canned, or frozen) DURING THE REST OF THE YEAR? □ 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 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	41. How often did you eat cauliflower or Brussels sprouts (fresh or frozen)?
39c. Each time you ate corn , how much did you usually eat? Less than 1 ear or less than ½ cup 1 ear or ½ to 1 cup More than 1 ear or more than 1 cup	NEVER (GO TO QUESTION 43) 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 42a. Each time you ate asparagus, how much did you usually eat? Less than ½ cup or less than 4 spears ½ to ¾ cup or 4 to 7 spears More than ⅔ cup or more than 7 spears

Over the past 12 months	46. Now think about all the cooked vegetables you
43. How often did you eat winter squash (such as pumpkin, butternut, or acorn)?	ate in the <u>past 12 months</u> and how they were prepared. How often were your vegetables COOKED WITH some sort of fat , including oil spray? (Please do not include potatoes.)
☐ NEVER (GO TO QUESTION 44)	☐ NEVER (GO TO QUESTION 47)
☐ 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 time per week ☐ 1 time per day ☐ 2 or more times per day ☐ 43a. Each time you ate winter squash, how	☐ 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
much did you usually eat?	
☐ Less than ½ cup ☐ ½ to ¾ cup ☐ More than ¾ cup	
44. How often did you eat mixed vegetables ?	
☐ NEVER (GO TO QUESTION 45)	
☐ 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 time per week ☐ 2 or more times per day ☐ 2 or more times per day ☐ 44a. Each time you ate mixed vegetables , how	46a. Which fats were usually added to your vegetables DURING COOKING? (Please do not include potatoes. Mark all that apply.)
much did you usually eat?	☐ Margarine ☐ Corn oil
☐ Less than ½ cup ☐ ½ to 1 cup ☐ More than 1 cup	(including low-fat) ☐ Canola or rapeseed oil ☐ Butter (including ☐ Oil spray, such as Pam or others ☐ Lard, fatback, or ☐ Other kinds of oils bacon fat ☐ None of the above
45. How often did you eat onions ?	☐ Olive oil
NEVER (GO TO QUESTION 46) 1–6 times per year	47. Now, thinking again about all the cooked vegetables you ate in the past 12 months, how often was some sort of fat, sauce, or dressing added AFTER COOKING OR AT THE TABLE? (Please do not include potatoes.)
	☐ NEVER (GO TO QUESTION 48)
45a. Each time you ate onions , how much did you usually eat?	☐ 1–6 times per year ☐ 3–4 times per week ☐ 7–11 times per year ☐ 5–6 times per week
☐ 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	1 time per month 1 time per day 2–3 times per week 3 or more times per day

Over the past 12 months	49. Over the <u>past 12 months</u> , did you eat fresh tomatoes (including those in salads)?
47a. Which fats, sauces, or dressings were usually added AFTER COOKING OR AT THE TABLE? (Please do not include potatoes. Mark all that apply.) Margarine	NO (GO TO QUESTION 50) YES 49a. How often did you eat fresh tomatoes (including those in salads) WHEN IN SEASON? NEVER 1-6 times per season 2 times per week
47b. 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?	☐ 7–11 times per season ☐ 3–4 times per week☐ 1 time per month☐ 5–6 times per week☐ 2–3 times per month☐ 1 time per day☐ 1 time per week☐ 2 or more times per day☐ 2 or more times per day☐ 1 time per day☐ 2 or more times
☐ Did not usually add these☐ Less than 1 teaspoon☐ 1 to 3 teaspoons☐ More than 3 teaspoons	49b. How often did you eat fresh tomatoes (including those in salads) DURING THE REST OF THE YEAR?
47c. If salad dressing, cheese sauce, or white sauce was added to your cooked vegetables AFTER COOKING OR AT THE TABLE, how much did you usually add? Did not usually add these Less than 1 tablespoon 1 to 3 tablespoons More than 3 tablespoons More than 3 tablespoons 48. How often did you eat sweet peppers (green, red, or yellow)? NEVER (GO TO QUESTION 49)	□ 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 49c. Each time you ate fresh tomatoes , how much did you usually eat? □ Less than ¼ tomato □ ¼ to ½ tomato □ More than ½ tomato
□ 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 48a. Each time you ate sweet peppers , how much did you usually eat? □ Less than ½ pepper □ ⅓ to ¼ pepper □ More than ¼ pepper	50. How often did you eat lettuce salads (with or without other vegetables)? NEVER (GO TO QUESTION 51) 1-6 times per year

Over the past 12 months	hash browned potatoes, or tater tots?
50a. Each time you ate lettuce salads , how much did you usually eat?	□ NEVER (GO TO QUESTION 54)
Less than ¼ cup ¼ to 1¼ cups More than 1¼ 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☐ 2 times per week☐ 2–3 times per month☐ 1 time per day☐ 2 times per week☐ 3–4 times per week☐ 2 times per week☐ 3–4 times per week☐ 3–4 times per week☐ 3–4 times per week☐ 3–4 times per week☐ 3–6 times per week☐ 3–7
50b. How often did the lettuce salads you ate include dark green lettuce? Almost never or never About 1/4 of the time About 3/4 of the time About 3/4 of the time Almost always or always 51. How often did you eat salad dressing (including low-fat) on salads?	1 time per week
NEVER (GO TO QUESTION 52)	☐ NEVER (GO TO QUESTION 55)
☐ 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	☐ 1–6 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
51a. Each time you ate salad dressing on salads, how much did you usually eat?	54a. Each time you ate potato salad , how much did you usually eat?
Less than 2 tablespoons 2 to 4 tablespoons More than 4 tablespoons	☐ Less than ½ cup ☐ ½ to 1 cup ☐ More than 1 cup
52. How often did you eat sweet potatoes or yams?	55. How often did you eat baked , boiled , or mashed potatoes ?
☐ NEVER (GO TO QUESTION 53)	☐ NEVER (GO TO QUESTION 56)
☐ 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 time per week ☐ 2 or more times per day ☐ 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
52a. Each time you ate sweet potatoes or yams , how much did you usually eat?	55a. Each time you ate baked , boiled , or mashed potatoes , how much did you usually eat?
☐ 1 small potato or less than ¼ cup ☐ 1 medium potato or ¼ to ¾ cup ☐ 1 large potato or more than ¾ cup	☐ 1 small potato or less than ½ cup☐ 1 medium potato or ½ to 1 cup☐ 1 large potato or more than 1 cup

Over th	e past 12 months	55h. Each time cheese or cheese sauce was added to your potatoes, how much was
55b.	How often was sour cream (including low-	usually added?
	fat) added to your potatoes, EITHER IN	
	COOKING OR AT THE TABLE?	Less than 1 tablespoon
	(00 70 04/707/04/77)	☐ 1 to 3 tablespoons ☐ More than 3 tablespoons
	Almost never or never (GO TO QUESTION 55d)	
	☐ About ¼ of the time ☐ About ½ of the time	
	About ½ of the time About ¾ of the time	56. How often did you eat salsa ?
	☐ Almost always or always	□ NEVED (00 TO OUE 07 10 N E7)
EE o		NEVER (GO TO QUESTION 57)
55c.	Each time sour cream was added to your potatoes, how much was usually added?	1-6 times per year 2 times per week
	potatoes, now much was usually added:	☐ 7–11 times per year ☐ 3–4 times per week☐ 1 time per month☐ 5–6 times per week☐
	Less than 1 tablespoon	2–3 times per month 1 time per day
	☐ 1 to 3 tablespoons	☐ 1 time per week ☐ 2 or more times per day
	☐ More than 3 tablespoons	
.		56a. Each time you ate salsa , how much did you
→ 55d.	How often was margarine (including low-fat) added to your potatoes, EITHER IN COOKING	usually eat?
	OR AT THE TABLE?	☐ Less than 1 tablespoon
		1 to 5 tablespoons
	☐ Almost never or never	☐ More than 5 tablespoons
	About ¼ of the time	↓
	About ½ of the time	57. How often did you eat catsup ?
	☐ About ¾ of the time ☐ Almost always or always	or. How ortain and you out outoup .
	Airiost always of always	┌── │ NEVER (GO TO QUESTION 58)
55e.	How often was butter (including low-fat) added	
	to your potatoes, EITHER IN COOKING OR AT	☐ 1–6 times per year ☐ 2 times per week☐ 7–11 times per year ☐ 3–4 times per week☐
	THE TABLE?	☐ 1 times per year ☐ 5—4 times per week
		2–3 times per month 1 time per day
	Almost never or never	☐ 1 time per week ☐ 2 or more times per day
	☐ About ¼ of the time ☐ About ½ of the time	
	About ½ of the time	57a. Each time you ate catsup , how much did
	☐ Almost always or always	you usually eat?
		☐ Less than 1 teaspoon
55f.	Each time margarine or butter was added	1 to 6 teaspoons
	to your potatoes, how much was usually	☐ More than 6 teaspoons
	added?	
		FO Have often did you got attiffing discourse.
	Never added	58. How often did you eat stuffing , dressing , or
	Less than 1 teaspoon 1 to 3 teaspoons	dumplings?
	☐ More than 3 teaspoons	┌── │ NEVER (GO TO QUESTION 59)
55g.	How often was cheese or cheese sauce added	1–6 times per year 2 times per week
_	to your potatoes, EITHER IN COOKING OR AT	7–11 times per year 3–4 times per week
	THE TABLE?	☐ 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
	Almost never or never (GO TO QUESTION 56)	
	☐ About ¼ of the time ☐ About ½ of the time	58a. Each time you ate stuffing , dressing , or
	About 34 of the time	dumplings, how much did you usually eat?
	Almost always or always	
		Less than ½ cup
		☐ ½ to 1 cup
		☐ More than 1 cup
	→	I ♦

Over the past 12 months	·
59. How often did you eat chili ?	fat, or with meat added?
	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 62. How often did you eat other kinds of vegetables? 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 62a. Each time you ate other kinds of vegetables, how much did you usually eat? Less than ¼ cup ¼ to ½ cup More than ½ cup ¼ to ½ cup More than ½ cup 1-6 times per year 2 times per week 1 time per month 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 1 time per week 2 or more times per day 63a. Each time you ate rice or other cooked grains, how much did you usually eat? Less than ½ cup Less than ½ cup
□ NEVER (GO TO QUESTION 62) □ 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 61a. Each time you ate beans , how much did you usually eat? □ Less than ½ cup □ ½ to 1 cup □ More than 1 cup	□ Less than ½ cup □ ½ to 1½ cups □ More than 1½ cups 63b. How often was butter, margarine, or oil added to your rice or other cooked grains IN COOKING OR AT THE TABLE? □ 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	64f. Each time syrup was added to your pancakes,
64. How often did you eat pancakes, waffles, or French toast?	waffles, or French toast, how much was usually added?
☐ NEVER (GO TO QUESTION 65)	☐ Less than 1 tablespoon ☐ 1 to 4 tablespoons
☐ 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 64a. Each time you ate pancakes, waffles, or French toast, how much did you usually eat? ☐ Less than 1 medium piece ☐ 1 to 3 medium pieces ☐ More than 3 medium pieces	☐ More than 4 tablespoons 65. How often did you eat lasagna, stuffed shells, stuffed manicotti, ravioli, or tortellini? (Please do not include spaghetti or other pasta.) ☐ NEVER (GO TO QUESTION 66) ☐ 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
64b. 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	65a. 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
64c. How often was butter (including low-fat) added to your pancakes, waffles, or French toast AFTER COOKING OR AT THE TABLE? Almost never or never About ¼ of the time About ½ of the time About ¾ of the time About ¾ of the time Almost always or always	66. How often did you eat macaroni and cheese? NEVER (GO TO QUESTION 67) 1–6 times per year
64d. 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	how much did you usually eat? Less than 1 cup 1 to 1½ cups More than 1½ cups 67. How often did you eat pasta salad or macaroni salad?
64e. How often was syrup added to your pancakes, waffles, or French toast? Almost never or never (GO TO QUESTION 65) About 1/4 of the time About 1/2 of the time About 3/4 of the time Almost always or always	NEVER (GO TO QUESTION 68) 1–6 times per year

67a. Each time you ate pasta salad or macaroni salad, how much did you usually eat? Less than ½ cup ½ to 1 cup More than 1 cup Selection of the control of the contro	Over the past 12 months	69. How often did you eat bagels or English
3-ta 1 cup		muffins? ☐ NEVER (GO TO INTRODUCTION TO QUESTION 70)
and 67, how often did you eat pasta, spaghetti, or other noodles? NEVER (GO TO QUESTION 69)	☐ ½ to 1 cup ☐ More than 1 cup	☐ 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
1-6 times per year	and 67, how often did you eat pasta, spaghetti,	
Less 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 68a. Each time you ate pasta, spaghetti, or	☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always 69b. Each time you ate bagels or English muffins , how many did you usually eat?
Almost never or never About ½ of the time About ½ of the time About ¾ of the time Almost always or always 68d. How often did you eat your pasta, spaghetti, or other noodles with margarine, butter, oil, or cream sauce? Almost never or never About ¼ of the time About ½ of the time About ¾ of the time About	eat? Less than 1 cup 1 to 3 cups More than 3 cups 68b. 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 68c. How often did you eat your pasta, spaghetti, or other noodles with tomato sauce or	☐ 1 bagel or English muffin ☐ More than 1 bagel or English muffin ☐ Gec. How often was margarine (including low-fat) added to your bagels or English muffins? ☐ Almost never or never ☐ About ¼ of the time ☐ About ¾ of the time ☐ Almost always or always ☐ Almost never or never ☐ About ⅓ of the time ☐ Almost never or never ☐ About ¼ of the time ☐ About ⅓ of the time
About ½ 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 About ¾ of the time Almost always or always 68d. How often did you eat your pasta, spaghetti, or other noodles with margarine, butter, oil, or cream sauce? Almost never or never	☐ Almost always or always 69e. Each time margarine or butter was added to your bagels or English muffins, how much was usually added? ☐ Never added ☐ Less than 1 teaspoon ☐ 1 to 2 teaspoons
	About ½ of the time About ¾ of the time	

Over the past 12 months	70c. How often was mayonnaise or mayonnaise-type dressing (including low-
69f. How often was cream cheese (including low-fat) spread on your bagels or English muffins?	fat) added to the breads or rolls used for your sandwiches?
Almost never or never (GO TO INTRODUCTION TO QUESTION 70) About 1/4 of the time About 1/2 of the time About 3/4 of the time Almost always or always	Almost never or never (GO TO QUESTION 70e) About ¼ of the time About ½ of the time About ¾ of the time About ¾ of the time Almost always or always 70d. Each time mayonnaise or mayonnaise-type dressing was added to the breads or rolls
69g. Each time cream cheese was added to your bagels or English muffins, how much was usually added?	used for your sandwiches, how much was usually added?
☐ Less than 1 tablespoon☐ 1 to 2 tablespoons☐ More than 2 tablespoons	1 to 3 teaspoons More than 3 teaspoons
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.	☐ How often was margarine (including low-fat) added to the breads or rolls used for your sandwiches? ☐ Almost never or never ☐ About 1/2 of the time ☐ About 1/2 of the time
70. How often did you eat breads or rolls AS PART OF SANDWICHES (including burger and hot dog rolls)? (Please do not include fast food sandwiches.)	☐ About ¾ of the time ☐ Almost always or always 70f. How often was butter (including low-fat) added to the breads or rolls used for your sandwiches?
NEVER (GO TO QUESTION 71) 1–6 times per year	☐ 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 70g. Each time margarine or butter was added to the breads or rolls used for your sandwiches, how much was usually added? ☐ Never added ☐ Less than 1 teaspoon ☐ 1 to 2 teaspoons ☐ More than 2 teaspoons
70b. 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 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	71. How often did you eat breads or dinner rolls, NOT AS PART OF SANDWICHES? NEVER (GO TO QUESTION 72) 1–6 times per year

Over th	ne past 12 months	71g. Each time cream cheese was added to your breads or rolls, how much was usually added?
71a.	Each time you ate breads or dinner rolls , NOT AS PART OF SANDWICHES , how much did you usually eat?	Less than 1 tablespoon 1 to 2 tablespoons More than 2 tablespoons
	☐ 1 slice or 1 dinner roll☐ 2 slices or 2 dinner rolls☐ More than 2 slices or 2 dinner rolls	72. How often did you eat jam , jelly , or honey on bagels, muffins, bread, rolls, or crackers?
71b.	How often were the breads or rolls you ate white bread?	☐ NEVER (GO TO QUESTION 73)
	☐ 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
71c.	How often was margarine (including low-fat) added to your breads or rolls?	72a. Each time you ate jam, jelly, or honey , 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 teaspoon ☐ 1 to 3 teaspoons ☐ More than 3 teaspoons ▼ 73. How often did you eat peanut butter or other
71d.	How often was butter (including low-fat) added to your breads or rolls?	nut butter? 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
71e.	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	73a. 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 T4. How often did you eat roast beef or steak IN
71f.	How often was cream cheese (including low-fat) added to your breads or rolls?	SANDWICHEŚ? NEVER (GO TO QUESTION 75)
	Almost never or never (GO TO QUESTION 72) 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
	↓	↓

Over the past 12 months	77. How often did you eat other cold cuts or
74a. 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	luncheon meats (such as bologna, salami, corned beef, pastrami, or others, including lowfat)? (Please do not include ham, turkey, or chicken cold cuts.)
1 to 2 slices or 2 to 4 ounces More than 2 slices or more than 4 ounces	☐ NEVER (GO TO QUESTION 78)
75. 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.)	☐ 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
☐ NEVER (GO TO QUESTION 76)	77a. Each time you ate other cold cuts or luncheon meats , how much did you usually
☐ 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 time per week ☐ 1 time per day ☐ 2 or more times per day	eat? Less than 1 slice 1 to 3 slices More than 3 slices
75a. Each time you ate turkey or chicken COLD CUTS , how much did you usually eat?	77b. How often were the other cold cuts or luncheon meats you ate light , low-fat , or fat-free ? (Please do not include ham, turkey, or chicken
Less than 1 slice 1 to 3 slices More than 3 slices	cold cuts.) ☐ Almost never or never ☐ About ¼ of the time
76. How often did you eat luncheon or deli-style ham? (We will ask about other ham later.)	☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
☐ NEVER (GO TO QUESTION 77)	▼ 78. How often did you eat canned tuna (including in
☐ 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	salads, sandwiches, or casseroles)? NEVER (GO TO QUESTION 79) 1–6 times per year
76a. Each time you ate luncheon or deli-style ham, how much did you usually eat?	☐ 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
Less than 1 slice 1 to 3 slices More than 3 slices	78a. Each time you ate canned tuna , how much did you usually eat?
76b. How often was the luncheon or deli-style ham you ate light , low-fat , or fat-free ?	 ☐ Less than ¼ cup or less than 2 ounces ☐ ¼ to ½ cup or 2 to 3 ounces ☐ More than ½ cup or more than 3 ounces
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time	78b. How often was the canned tuna you ate water-packed?
☐ 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	80b. Each time you ate beef hamburgers or cheeseburgers from a FAST FOOD or
78c. How often was the canned tuna you ate prepared with mayonnaise or other dressing (including low-fat)?	OTHER RESTAURANT, 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 burger ☐ 1 burger ☐ More than 1 burger 80c. How often did you have cheeseburgers rather than hamburgers?
79. How often did you eat GROUND chicken or turkey ? (We will ask about other chicken and turkey later.)	☐ 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	81. How often did you eat beef hamburgers or cheeseburgers that were NOT FROM A FAST FOOD or OTHER RESTAURANT ?
79a. 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 ☐ 1 time per week ☐ 2 or more times per day 81a. Each time you ate beef hamburgers or cheeseburgers that were NOT FROM A
80. How often did you eat beef hamburgers or cheeseburgers from a FAST FOOD or OTHER RESTAURANT ?	FAST FOOD or OTHER RESTAURANT, how much did you usually eat?
NEVER (GO TO QUESTION 81) 1–6 times per year	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 81b. How often were these beef hamburgers or cheeseburgers 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
 ☐ Small hamburger (such as a regular Burger King or McDonald's Hamburger) ☐ Medium (such as McDonald's or Burger King Double Burger or Cheeseburger) ☐ Large (such as Burger King Whopper or Double Whopper or a McDonald's Double Quarter Pounder) 	82. How often did you eat ground beef in mixtures (such as meatballs, casseroles, chili, or meatloaf)? NEVER (GO TO QUESTION 83) 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	85. How often did you eat roast beet or pot roast ?
82a. Each time you ate ground beef in mixtures , how much did you usually eat?	(Please do not include roast beef or pot roast in sandwiches.)
 ☐ 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
☐ Less than 3 ounces or less than ½ cup ☐ 3 to 8 ounces or ½ to 1 cup	☐ 7–11 times per year ☐ 3–4 times per week
much did you usually eat? Less than 1 cup 1 to 2 cups More than 2 cups	☐ 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 day ☐ 2 or more times per day

Over the past 12 months	90. How often did you eat baked, broiled, roasted, stewed, or fried chicken (including nuggets)?
87a. Each time you ate pork or beef spareribs , how much did you usually eat?	(Please do not include chicken in mixtures.)
Less than 4 ribs 4 to 12 ribs More than 12 ribs	NEVER (GO TO QUESTION 91) 1–6 times per year
88. How often did you eat roast turkey, turkey cutlets, or turkey nuggets (including in sandwiches)? NEVER (GO TO QUESTION 89) 1-6 times per year 2 times per week 3-4 times per week 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 88a. 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	□ 2–3 times per month □ 1 time per day □ 1 time per week □ 2 or more times per day 90a. Each time you ate baked, broiled, roasted, stewed, or fried chicken (including nuggets), how much did you usually eat? □ Less than 2 drumsticks or wings, less than 1 breast or thigh, or less than 4 nuggets □ 2 drumsticks or wings, 1 breast or thigh, or 4 to 8 nuggets □ More than 2 drumsticks or wings, more than 1 breast or thigh, or more than 8 nuggets 90b. How often was the chicken you ate fried chicken (including deep fried) or chicken nuggets?
□ 2 to 4 ounces □ More than 4 ounces 89. How often did you eat chicken mixtures (such as salads, sandwiches, casseroles, stews, or other mixtures)? □ NEVER (GO 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 90c. How often was the chicken you ate WHITE meat? ☐ 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 □ 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 89a. Each time you ate chicken mixtures , how much did you usually eat? □ Less than ½ cup □ ½ to 1½ cups □ More than 1½ cups	☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always 90d. How often did you eat chicken WITH skin? ☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
	91. How often did you eat baked ham or ham steak? NEVER (GO TO QUESTION 92) 1–6 times per year

Over the past 12 months	94a. Each time you ate liver or liverwurst , how
91a. Each time you ate baked ham or ham	much did you usually eat?
steak, how much did you usually eat?	Less than 1 ounce
Less than 1 ounce	☐ 1 to 4 ounces ☐ More than 4 ounces
1 to 3 ounces	
☐ More than 3 ounces	95. How often did you eat bacon (including low-fat)?
92. How often did you eat pork (including chops,	☐ NEVER (GO TO QUESTION 96)
roasts, and in mixed dishes)? (Please do not	☐ 1–6 times per year ☐ 2 times per week
include ham, ham steak, or sausage.)	☐ 7–11 times per year ☐ 3–4 times per week
☐ NEVER (GO TO QUESTION 93)	☐ 1 time per month ☐ 5–6 times per week ☐ 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 ☐ 2–3 times per month ☐ 1 time per day	95a. Each time you ate bacon , how much did you usually eat?
1 time per week 2 or more times per day	
92a. Each time you ate pork , how much did you	Fewer than 2 slices 2 to 3 slices
usually eat?	☐ More than 3 slices
Less than 2 ounces or less than 1 chop	95b. How often was the bacon you ate light , low-
2 to 5 ounces or 1 chop	fat, or lean?
☐ More than 5 ounces or more than 1 chop	☐ Almost never or never
V	☐ Almost never of never
93. How often did you eat gravy on meat, chicken, potatoes, rice, etc.?	About ½ of the time
•	☐ About ¾ of the time☐ Almost always or always
☐ NEVER (GO TO QUESTION 94)	*
☐ 1–6 times per year ☐ 2 times per week	96. How often did you eat sausage (including low-fat)?
☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week	┌── │ NEVER (GO TO QUESTION 97)
☐ 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
93a. Each time you ate gravy on meat, chicken,	☐ 1 time per month ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day
potatoes, rice, etc., how much did you usually eat?	☐ 1 time per week ☐ 2 or more times per day
	OCo. Fooh time you ato equage how much did
Less than ½ cup ½ to ½ cup	96a. Each time you ate sausage , how much did you usually eat?
☐ More than ½ cup	
₩	Less than 1 patty or 2 links 1 to 3 patties or 2 to 5 links
94. How often did you eat liver (all kinds) or	☐ More than 3 patties or 5 links
liverwurst?	96b. How often was the sausage you ate light ,
☐ NEVER (GO TO QUESTION 95)	low-fat, or lean?
☐ 1–6 times per year ☐ 2 times per week	☐ Almost never or never
☐ 7–11 times per year ☐ 3–4 times per week ☐ 1 time per month ☐ 5–6 times per week	About ¼ of the time
☐ 2–3 times per month ☐ 1 time per day	☐ About ½ of the time ☐ About ¾ of the time
☐ 1 time per week ☐ 2 or more times per day	Almost always or always
↓	

Over the past 12 months	100. How often did you eat fish sticks or other fried
97. How often did you eat fried shellfish (such as	fish (not including shellfish)?
crab, lobster, shrimp)?	NEVER (GO TO QUESTION 101)
NEVER (GO TO QUESTION 98) 1–6 times per year	1-6 times per year 2 times per week 7-11 times per wonth 5-6 times per week 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 100a. Each time you ate fish sticks or other fried fish, how much did you usually eat? Less than 2 ounces or less than 1 fillet 2 to 7 ounces or 1 fillet More than 7 ounces or more than 1 fillet 101. How often did you eat other fish that was NOT FRIED (not including shellfish)? NEVER (GO TO INTRODUCTION TO QUESTION 102) 1-6 times per year 2 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 101a. Each time you ate other fish that was NOT FRIED, how much did you usually eat?
Less than 1 ounce 1 to 4 ounces More than 4 ounces	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
99. How often did you eat salmon, fresh tuna or trout?	you ate in the <u>past 12 months</u> and how they were prepared.
□ NEVER (GO TO QUESTION 100) □ 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 99a. Each time you ate salmon, fresh tuna or trout, how much did you usually eat? □ Less than 2 ounces □ 2 to 6 ounces □ More than 6 ounces	102. How often was oil, butter, margarine, or other fat used to FRY, SAUTE, BASTE, OR MARINATE any meat, poultry, or fish you ate? (Please do not include deep frying.) NEVER (GO TO QUESTION 103) 1–6 times per year

Over the past 12 months	104c. Each time you ate soup , how much did you
102a. Which of the following fats were regularly used to prepare your meat, poultry, or fish? (Mark all that apply.)	usually eat? Less than 1 cup 1 to 2 cups More than 2 cups
☐ Margarine (including low-fat) ☐ Canola or rapeseed oil ☐ Butter (including low-fat) ☐ Oil spray (such as Pam or others) ☐ Lard, fatback, or bacon fat ☐ Other kinds of oils ☐ None of the above	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time
103. How often did you eat tofu, soy burgers, or soy meat-substitutes?	☐ Almost always or always 104e. How often were the soups you ate cream
☐ NEVER (GO TO QUESTION 104)	soups (including chowders)?
☐ 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 day ☐ 2 or more times per day	☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
103a. Each time you ate tofu, soy burgers, or soy meat-substitutes , how much did you usually eat?	104f. How often were the soups you ate tomato or vegetable soups?☐ Almost never or never
☐ Less than ¼ cup or less than 2 ounces ☐ ¼ to ½ cup or 2 to 4 ounces ☐ More than ½ cup or more than 4 ounces ▼	 ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always
104. Over the past 12 months, did you eat soups?	104g. How often were the soups you ate broth
NO (GO TO QUESTION 105)	<pre>soups (including chicken) with or without noodles or rice?</pre>
✓ YES 104a. How often did you eat soup IN THE WINTER? □ NEVER	☐ 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 winter ☐ 2 times per week ☐ 7–11 times per winter ☐ 3–4 times per week ☐ 5–6 times per week ☐ 2–3 times per month ☐ 1 time per day ☐ 2 or more times per day	105. How often did you eat pizza ? NEVER (GO TO QUESTION 106) 1–6 times per year 2 times per week 7–11 times per year 3–4 times per week
104b. How often did you eat soup DURING THE REST OF THE YEAR?	☐ 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	
☐ 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 ☐ 2 or more times per day ☐ 1 time per day ☐ 2 or more times per day ☐ 2 or more times	

Over the past 12 months	108. How often did you eat biscuits ?
105a. Each time you ate pizza , how much did you	☐ NEVER (GO TO QUESTION 109)
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	☐ 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
105b. How often did you eat pizza with pepperoni, sausage, or other meat?	108a. Each time you ate biscuits , how many 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 	Fewer than 1 biscuit 1 to 2 biscuits More than 2 biscuits
106. How often did you eat crackers ?	109. How often did you eat potato chips (including low-fat, fat-free, or low-salt)?
☐ NEVER (GO TO QUESTION 107)	☐ NEVER (GO TO QUESTION 110)
☐ 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 day ☐ 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
106a. Each time you ate crackers , how many did you usually eat?	109a. Each time you ate potato chips , how much did you usually eat?
☐ Fewer than 4 crackers ☐ 4 to 10 crackers ☐ More than 10 crackers	☐ 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
107. How often did you eat corn bread or corn muffins ?	109b. How often were the potato chips you ate fat-free ? (Please do not include reduced-fat chips.)
NEVER (GO TO QUESTION 108) 1–6 times per year	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 corn chips or tortilla chips (including low-fat, fat-free, or low-salt)? NEVER (GO TO QUESTION 111) 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 day 2 or more times per day 1 time per day 2 or more times per day 3 or more times 3 or m
	'

Over the past 12 months	113. How often did you eat peanuts, walnuts, seeds, or other nuts?
110a. Each time you ate corn chips , how much did you usually eat?	NEVER (GO TO QUESTION 114)
☐ Fewer than 10 chips or less than 1 cup ☐ 10 to 25 chips or 1 to 1½ cups ☐ More than 25 chips or more than 1½ cups 110b. How often were the corn chips or tortilla chips you ate fat-free? (Please do not include reduced-fat chips.)	☐ 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 113a. Each time you ate peanuts, walnuts, seeds,
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	or other nuts , how much did you usually eat? Less than ¼ cup ¼ to ½ cup More than ½ cup
111. How often did you eat popcorn (including lowfat)?	114. How often did you eat energy, high-protein, or breakfast bars (such as Power Bars, Balance, Clif, or others)?
☐ NEVER (GO TO QUESTION 112)	☐ NEVER (GO TO QUESTION 115)
☐ 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 time per week ☐ 2 or more times per day ☐ 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 ☐ 2 or more times per day
111a. Each time you ate popcorn , how much did you usually eat?	114a. Each time you ate energy, high-protein , or breakfast bars , how much did you usually eat?
☐ Less than 2 cups, popped☐ 2 to 5 cups, popped☐ More than 5 cups, popped☐	☐ Less than 1 bar ☐ 1 bar ☐ More than 1 bar
112. How often did you eat pretzels ?	▼ 115. How often did you eat yogurt (NOT including
☐ NEVER (GO TO QUESTION 113)	frozen yogurt)?
☐ 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 112a. Each time you ate pretzels , how many did you usually eat? ☐ Fewer than 5 average twists ☐ 5 to 20 average twists ☐ More than 20 average twists	NEVER (GO TO QUESTION 116) 1–6 times per year

Over the past 12 months	118. How often did you eat frozen yogurt, sorbet, or ices (including low-fat or fat-free)?
115b. How often was the yogurt you ate low-fat or fat-free ?	NEVER (GO TO QUESTION 119)
☐ 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
116. How often did you eat cottage cheese (including low-fat)?	118a. Each time you ate frozen yogurt, sorbet, or ices , how much did you usually eat?
□ NEVER (GO TO QUESTION 117) □ 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 116a. Each time you ate cottage cheese , how much did you usually eat? □ Less than ¼ cup □ ¼ to 1 cup □ More than 1 cup 117. How often did you eat cheese (including low-fat; including on cheeseburgers or in sandwiches or	□ 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 119. How often did you eat ice cream, ice cream bars, or sherbet (including low-fat or fat-free)? □ NEVER (GO TO QUESTION 120) □ 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 119a. Each time you ate ice cream, ice cream bars, or sherbet, how much did you usually
Including on cheeseburgers or in sandwiches or subs)? NEVER (GO TO QUESTION 118) 1-6 times per year	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 119b. How often was the ice cream you ate light, low-fat, or fat-free ice cream or sherbet? Almost never or never About ¼ of the time About ½ of the time About ¾ of the time Almost always or always 120. How often did you eat cake (including low-fat or fat-free)? NEVER (GO TO QUESTION 121) 1–6 times per year

Over the past 12 months	123a. Each time you ate sweet muffins or dessert
120a. Each time you ate cake , how much did you usually eat? Less than 1 medium piece 1 medium piece More than 1 medium piece	breads, how much did you usually eat? Less than 1 medium piece 1 medium piece More than 1 medium piece 124. How often did you eat fruit crisp, cobbler, or
More than 1 medium piece 121. How often did you eat cookies or brownies (including low-fat or fat-free)? NEVER (GO TO QUESTION 122) 1-6 times per year 2 times per week 7-11 times per year 3-4 times per week 2-3 times per month 5-6 times per week 1 time per day 1 time per week 2 or more times per day 121a. 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 122. How often did you eat doughnuts, sweet rolls, Danish, or pop-tarts? NEVER (GO TO QUESTION 123) 1-6 times per year 2 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 week 2 or more times per day 122a. 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 More than 2 pieces 1 to 2 pieces More than 2 pieces 1 time per month 5-6 times per week 2-3 times per year 2 times per week 1 time per month 5-6 times per week 2-3 times per year 2 times per week 2-3 times per month 1 time per day 2 or more times per day 2 times per week 2-3 times per month 1 time per day 2 or more times per d	124. How often did you eat fruit crisp, cobbler, or strudel? NEVER (GO TO QUESTION 125) 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 a times per month 1 time per day 1 time per week 2 or more times per day 124a. Each time you ate fruit crisp, cobbler, or strudel, how much did you usually eat? 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 1 time per month 2 or more times per day 1 time per week 2 or more times per day 1 time per week 1 time per day 1 time per week 2 or more times per day 1 time per week 1 time per day 1 time per week 2 or more times per day 1 time per week 1 time per day 1 time per week 1 time per day 2 or more 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 week 2 or more times per week 2 or more times per day 1 time per week 2 or more times per week 2 or more times per week 2 or more times per week 3 - 4 times per week 4 times per week 2 times per week 5 - 6 times per week 6 - 6 times per week 6 - 6 times per week 7 - 11 times per week 2 or more times per week 6 - 6 times per week 2 or more times per week 7 - 11 times per week 2 or more times per week 6 - 6 times per week 2 or more times per week 7 - 11 times per week 2 or more times per week 7 - 11 times per week 2 or more times per week 6 - 6 times per week 2 or more times per week 7 - 10 times per week 2 or more times per week 6 - 6 times per week 2 or more times per week 7 - 10 times p

Over the past 12 months	128. How often did you eat eggs, egg whites, or egg
405. How often were the pieceway at a proper	substitutes (NOT counting eggs in baked
125c. How often were the pies you ate cream ,	goods and desserts)? (Please include eggs in
pudding, custard, or meringue pie?	salads, quiche, and soufflés.)
☐ Almost never or never	┌─── NEVER (GO TO QUESTION 129)
☐ About ¼ of the time	☐ NEVER (60 TO QUESTION 129)
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
125d. How often were the pies you ate pumpkin	☐ 1 time per week ☐ 2 or more times per day
or sweet potato pie?	
	128a. Each time you ate eggs, how many did you
☐ Almost never or never	usually eat?
About ¼ of the time	usually eat:
About ½ of the time	□ 1 one
About ¾ of the time	☐ ☐ 1 egg
	☐ 2 eggs
☐ Almost always or always	☐ 3 or more eggs
405- Hawaftan wana tha misa way ata masan misa	400, 11, 6, 4
125e. How often were the pies you ate pecan pie ?	128b. How often were the eggs you ate egg
	substitutes or egg whites only?
Almost never or never	
☐ About ¼ of the time	☐ Almost never or never
☐ About ½ of the time	About ¼ of the time
☐ About ¾ of the time	About ½ of the time
☐ Almost always or always	About ¾ of the time
_ , ,	☐ Almost always or always
	Airiost always of always
126. How often did you eat chocolate candy ?	400 - 11
	128c. How often were the eggs you ate regular
☐ NEVER (GO TO QUESTION 127)	whole eggs?
☐ 1–6 times per year ☐ 2 times per week	Almost never or never
☐ 7–11 times per year ☐ 3–4 times per week	About ¼ of the time
☐ 1 time per month ☐ 5–6 times per week	☐ 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
126a. Each time you ate chocolate candy , how	128d. How often were the eggs you ate cooked in
much did you usually eat?	oil, butter, or margarine?
mach ala you asaany cat:	
Less than 1 average bar or less than 1 ounce	☐ Almost never or never
1 average bar or 1 to 2 ounces	About ¼ of the time
☐ More than 1 average bar or more than 2 ounces	About ½ of the time
	About ¾ of the time
7	☐ Almost always or always
127. How often did you eat other candy ?	Aimost always of always
127. Flow often did you cat other bandy :	
☐ NEVER (GO TO QUESTION 128)	
☐ 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	
127a. Each time you ate other candy , how much	
did you usually eat?	
and you account out.	
☐ Fewer than 2 pieces	
2 to 9 pieces	
☐ More than 9 pieces	
·	' ⊥

Over the past 12 months	130b. How often was the cold or iced tea you
128e. How often were the eggs you ate part of egg salad?	drank presweetened with either sugar or artificial sweeteners (such as Splenda, Equal, Sweet'N Low 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	Almost never or never (GO TO QUESTION 131) About ¼ of the time About ½ of the time About ¾ of the time Almost always or always
129. How many cups of coffee, caffeinated or decaffeinated, did you drink (including coffee drinks such as Latte, Mocha, Frappuccino, etc.)? NONE (GO TO QUESTION 130) Less than 1 cup per 5–6 cups per week month 1 cup per day 1-3 cups per month 2–3 cups per day 1 cup per week 4–5 cups per day 2–4 cups per week 6 or more cups per day 129a. How often was the coffee you drank decaffeinated? Almost never or never About ½ of the time About ½ of the time Almost always or always 130. How many glasses, cans, or bottles of COLD or ICED tea, caffeinated or decaffeinated, did you drink? NONE (GO TO QUESTION 131) Less than 1 glass, can 5–6 glasses, cans or bottle per month 1–3 glasses, cans or bottles per week 1 glass, can or bottles per week 2–4 glasses, cans or bottles per day 4–5 glasses, cans or bottles per day 6 or more glasses, cans or bottles per day 6 or more glasses, cans or bottles per day 130a. How often was the cold or iced tea you drank decaffeinated or herbal? Almost never or never About ½ 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	130c. What kind of sweetener was added to your presweetened cold or iced tea most of the time? Sugar or honey
Punction 121 appears in the part cellumn	Question 132c appears on the next page
Question 131 appears in the next column	Question 133 appears on the next page

Over the <u>past 12 months</u>	133b. Each time non-dairy creamer was added to
132b. Each time sugar or honey was added to your coffee or tea, how much was usually added?	your coffee or tea, how much was usually used?
Less than 1 teaspoon 1 to 3 teaspoons More than 3 teaspoons	☐ Less than 1 teaspoon☐ 1 to 3 teaspoons☐ More than 3 teaspoons
132c. How often did you add artificial sweetener (such as Splenda, Equal, Sweet'N Low or others) to your coffee or tea? Almost never or never (GO TO QUESTION 133)	133c. What kind of non-dairy creamer did you usually use? ☐ Regular powdered ☐ Low-fat or fat-free powdered ☐ Regular liquid
☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time	Low-fat or fat-free liquid 133d. How often was cream or half and half
☐ Almost always or always 132d. What kind of artificial sweetener did you	added to your coffee or tea? Almost never or never (GO TO QUESTION 133f)
usually use? □ Equal or aspartame □ Sweet'N Low or saccharin □ Splenda or sucralose	About 1/4 of the time About 1/2 of the time About 3/4 of the time About 3/4 of the time Almost always or always
Herbal extracts or other kind 132e. Each time artificial sweetener was added to your coffee or tea, how much was usually added?	133e. Each time cream or half and half was added to your coffee or tea, how much was usually added? Less than 1 tablespoon
Less than 1 packet or less than 1 teaspoon 1 packet or 1 teaspoon More than 1 packet or more than 1 teaspoon	☐ 1 to 2 tablespoons ☐ More than 2 tablespoons →133f. How often was milk added to your coffee or
Is a variable with the past 12 months, did you add whiteners (such as cream, milk, or non-dairy creamer) to your tea or coffee? ■ NO (GO TO QUESTION 134)	tea? Almost never or never (GO TO QUESTION 134) About ¼ of the time About ½ of the time About ¾ of the time About ¾ of the time Almost always or always
YES 133a. How often was non-dairy creamer added to your coffee or tea?	133g. Each time milk was added to your coffee or tea, how much was usually added? Less than 1 tablespoon
☐ Almost never or never (GO TO QUESTION 133d) ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	☐ 1 to 3 tablespoons ☐ More than 3 tablespoons 133h. What kind of milk was usually added to your coffee or tea?
	 Whole milk 2% milk 1% milk Skim, nonfat, or ½% milk Evaporated or condensed (canned) milk Soy milk Rice milk Other
Ouestion 133d appears in the next column	

♥ Question 134 appears on the next page

	137. Over the past 12 months, did you eat
134. How often was sugar or honey added to foods you ate? (Please do not include sugar in coffee, tea, other beverages, or baked goods.)	mayonnaise or mayonnaise-type dressing? NO (GO TO QUESTION 138) THE YES
□ NEVER (GO TO INTRODUCTION TO QUESTION 135) □ 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 134a. Each time sugar or honey was added to foods you ate, how much was usually added? □ Less than 1 teaspoon □ 1 to 3 teaspoons □ More than 3 teaspoons □ More than 3 teaspoons □ The following questions are about the kinds of margarine, mayonnaise, sour cream, cream cheese, and salad dressing that you ate. If possible, please check the labels of these foods to help you answer.	137a. How often was the mayonnaise you ate light, low-fat or fat-free? Almost never or never About ½ of the time About ¾ of the time About ¾ of the time Almost always or always 138. Over the past 12 months, did you eat sour cream? NO (GO TO QUESTION 139) YES 138a. How often was the sour cream you ate light low-fat, or fat-free? Almost never or never About ¼ of the time About ¼ of the time About ¾ of the time
135. Over the past 12 months, did you eat margarine?	☐ Almost always or always
NO (GO TO QUESTION 136) YES 135a. How often was the margarine you ate light, low-fat, or fat-free (stick or tub)?	
☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	139. Over the past 12 months, did you eat cream cheese? NO (GO TO QUESTION 140)
▼ 136. Over the <u>past 12 months</u> , did you eat butter ?	YES 139a. How often was the cream cheese you ate
☐ NO (GO TO QUESTION 137) ☐ YES 136a. How often was the butter you ate light or low-fat? ☐ Almost never or never ☐ About ¼ of the time ☐ About ½ of the time ☐ About ¾ of the time ☐ Almost always or always	light, low-fat, or fat-free? ☐ 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	143. Over the past month, which of the following
140. Over the past 12 months, did you eat salad dressing?	foods did you eat AT LEAST THREE TIMES? (Mark all that apply.)
NO (GO TO INTRODUCTION TO QUESTION 141) YES 140a. How often was the salad dressing you ate light, low-fat or fat-free? Almost never or never About ½ of the time About ½ of the time About ¾ of the time Almost always or always The following two questions ask you to summarize your usual intake of vegetables and fruits. Please do not include salads, potatoes, or juices. 141. Over the past 12 months, how many servings of vegetables (not including salad or potatoes) did you eat per week or per day?	Avocado, guacamole
Less than 1 per week	TOTALLY EXCLUDE from your diet? (Mark all that apply.) Meat (beef, pork, lamb, etc.) Poultry (chicken, turkey, duck) Fish and seafood Eggs Dairy products (milk, cheese, etc.)
☐ Less than 1 per week ☐ 2 per day ☐ 3—2 per week ☐ 3 per day ☐ 4 per day ☐ 5—6 per week ☐ 5 or more per day ☐ 1 per day	

The next questions are about your use of vitamin pills or other supplements.	These last questions are about the vitamins, minerals, or herbal supplements you took that are NOT part of a One-a-day-, Theragran-, or
145. Over the <u>past 12 months</u> , did you take any multivitamins, such as One-a-Day-, Theragran-,	Centrum-type of multivitamin.
Centrum-, or Prenatal-type multivitamins (as pills, liquids, or packets)?	Over the past 12 months
───── NO (GO TO INTRODUCTION TO QUESTION 147)	147. How often did you take Antacids such as Tums or Rolaids?
	☐ NEVER (GO TO QUESTION 148)
146. How often did you take One-a-day-, Theragran-, Centrum- or Prenatal-type multivitamins? 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 1–3 days per week 4–6 days per week Every day 147a. When you took Antacids such as Tums or
Every day 146a. Did your multivitamin usually contain	Rolaids, about how many tablets or lozenges did you take in one day?
minerals (such as iron, zinc, etc.)? NO YES Don't know	Less than 1 1 2 3 4 or more
146b. For how many years have you taken multivitamins?	☐ Don't know 147b. Was your antacid usually "extra strength"?
☐ Less than 1 year☐ 1–4 years☐ 5–9 years☐ 10 or more years	☐ NO ☐ YES ☐ Don't know
146c. Over the past 12 months, did you take any vitamins, minerals, or other herbal supplements other than your multivitamin? □ NO Thank you very much 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.	147c. For how many years have you taken Antacids such as Tums or Rolaids? □ Less than 1 year □ 1-4 years □ 5-9 years □ 10 or more years 148. How often did you take Calcium (with or without Vitamin D) (NOT as part of a multivitamin in Question 146 or antacid in Question 147)? □ NEVER (GO TO QUESTION 149) □ Less than 1 day per month □ 1-3 days per week □ 4-6 days per week □ 4-6 days per week □ Every day
☐ YES (GO TO INTRODUCTION TO QUESTION 147	

Over the past 12 months	150. How often did you take Vitamin C (NOT as part of a multivitamin in Question 146)?
148a. When you took Calcium , 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 148b. Did your Calcium usually contain Vitamin D ?	NEVER (GO TO QUESTION 151) Less than 1 day per month 1–3 days per month 1–3 days per week 4–6 days per week Every day 150a. When you took Vitamin C , about how much did you take in one day? Less than 500 mg
☐ NO ☐ YES ☐ Don't know 148c. Did your Calcium usually contain Magnesium?	☐ 500–999 mg ☐ 1,000–1,499 mg ☐ 1,500–1,999 mg ☐ 2,000 mg or more ☐ Don't know 150b. For how many years have you taken
☐ NO ☐ YES ☐ Don't know 148d. Did your Calcium usually contain Zinc? ☐ NO ☐ YES ☐ Don't know 148e. For how many years have you taken Calcium? ☐ Less than 1 year ☐ 1-4 years ☐ 5-9 years ☐ 10 or more years	Vitamin C? ☐ Less than 1 year ☐ 1-4 years ☐ 5-9 years ☐ 10 or more years ✓ 151. How often did you take Vitamin E (NOT as part of a multivitamin in Question 146)? ☐ NEVER (GO TO INTRODUCTION TO QUESTION 152) ☐ Less than 1 day per month ☐ 1-3 days per month ☐ 1-3 days per week ☐ 4-6 days per week ☐ 4-6 days per week ☐ Every day
49. How often did you take Iron (NOT as part of a multivitamin in Question 146)? NEVER (GO TO QUESTION 150) Less than 1 day per month 1-3 days per month 1-3 days per week 4-6 days per week Every day 149a. For how many years have you taken Iron? Less than 1 year 1-4 years 5-9 years 10 or more years	151a. When you took Vitamin E , about how much did you take in one day? Less than 400 IU 400–799 IU 800–999 IU 1,000 IU or more Don't know 151b. For how many years have you taken Vitamin E ? Less than 1 year 1–4 years 5–9 years 10 or more years
	1

Over the past 12 months...

The last two questions ask you about other supplements you took <u>more than once per week</u>.

152. Please mark any of the following single supplements you took <u>more than once per</u> <u>week</u> (NOT as part of a multivitamin in Question 147):		
☐ B-6 ☐ B-complex ☐ B-12 ☐ Beta-carotene ☐ Folic acid/folate ☐ Magnesium	Occu-vite/Eye health Potassium Selenium Vitamin A Vitamin D Zinc	
153. Please mark any of the foll botanical, or other suppl more than once per week.		
Chondroitin Coenzyme Q-10 Echinacea Energy supplements Fish oil/omega 3's Flaxseed/oil Garlic Ginger Ginkgo biloba	☐ Ginseng ☐ Glucosamine/ chondroitin ☐ Peppermint ☐ Probiotics ☐ Saw palmetto ☐ Soy supplement ☐ Sports supplements ☐ St. John's wort	

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.