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	DA	ΑY	YEAR
01 Jan 02 Feb 03 Mar 04 Apr 05 May 06 Jun 07 Jul 08 Aug 09 Sep 10 Oct 11 Nov 12 Dec			☐ 2007 ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

In w	hat	month	were
you	bor	n?	

01	Jan
02	Feb
03	Mar
04	Apr
05	May
06	Jun
07	Jul
08	Aug
09	Sep
10	Oct
11	Nov
12	Dec

In what year were you born?

Are you male or female?

а∭Male ь∭Female

BAR CODE LABEL OR SUBJECT ID HERE

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 Over the <u>past 12 months</u>, how often did you drink tomato juice or vegetable juice? 	Over the past 12 months
□ a□ 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)?
b 1 time per month or less g 1 time per day c 2-3 times per month d 1-2 times per week e 3-4 times per week f 5-6 times per week 1a. Each time you drank tomato juice or	a NEVER (GO TO QUESTION 5) b 1 time per month or less g 1 time per day c 2-3 times per month h 2-3 times per day d 1-2 times per week i 4-5 times per day
vegetable juice, how much did you usually drink?	e 3–4 times per week j 6 or more times per day f 5–6 times per week 4a. Each time you drank fruit drinks , how much
a Less than ¾ cup (6 ounces) b ¾ to 1¼ cups (6 to 10 ounces) c More than 1¼ cups (10 ounces)	did you usually drink? a Less than 1 cup (8 ounces)
 Over the past 12 months, how often did you drink orange juice or grapefruit juice? 	b 1 to 2 cups (8 to 16 ounces) c More than 2 cups (16 ounces)
a NEVER (GO TO QUESTION 3)	4b. How often were your fruit drinks diet or sugar-free drinks ?
b 1 time per month or less g 1 time per day c 2-3 times per month d 1-2 times per week e 3-4 times per week f 5-6 times per week g 1 time per day h 2-3 times per day i 4-5 times per day j 6 or more times per day	a☐ Almost never or never b☐ About ¼ of the time c☐ About ½ of the time d☐ About ¾ of the time e☐ 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.)
a Less than ¾ cup (6 ounces) b ⅓ to 1¼ cups (6 to 10 ounces) c More than 1¼ cups (10 ounces) 3. Over the past 12 months, how often did you drink other 100% fruit juice or 100% fruit juice	a NEVER (GO TO QUESTION 6) b 1 time per month or less g 1 time per day c 2-3 times per month h 2-3 times per day d 1-2 times per week i 4-5 times per day e 3-4 times per week j 6 or more times per day
mixtures (such as apple, grape, pineapple, or others)? □ a□ NEVER (GO TO QUESTION 4)	f 5–6 times per week5a. Each time you drank milk as a beverage, how much did you usually drink?
b 1 time per month or less g 1 time per day c 2-3 times per month d 1-2 times per week e 3-4 times per week f 5-6 times per week	a Less than 1 cup (8 ounces) b 1 to 1½ cups (8 to 12 ounces) c More than 1½ cups (12 ounces) 5b. What kind of milk did you usually drink?
3a. Each time you drank other fruit juice or fruit juice mixtures , how much did you usually drink?	a☐ Whole milk b☐ 2% fat milk c☐ 1 % fat milk d☐ Skim, nonfat, or ½% fat milk
a☐ Less than ¾ cup (6 ounces) b☐ ¾ to 1½ cups (6 to 12 ounces) c☐ More than 1½ cups (12 ounces)	e Soy milk f Rice milk g Other

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

Over the past 12 months	11b. How often did you eat oatmeal, grits, or other cooked cereal DURING THE REST
9. How often did you drink wine or wine coolers ?	OF THE YEAR?
□ a□ NEVER (GO TO QUESTION 10)	a□ NEVER
b 1 time per month or less g 1 time per day c 2-3 times per month d 1-2 times per week e 3-4 times per week f 5-6 times per week	b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per month f 1 time per week g 2 times per week h 3-4 times per week j 5-6 times per week j 1 time per day k 2 or more times per day
9a. Each time you drank wine or wine coolers, how much did you usually drink?	
a☐ Less than 5 ounces or less than 1 glass b☐ 5 to 12 ounces or 1 to 2 glasses c☐ 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?
10. How often did you drink liquor or mixed drinks ?	a Less than ¾ cup b ⅓ to 1¼ cups c More than 1¼ cups
□ a□ NEVER (GO TO QUESTION 11)	12. How often did you eat cold cereal?
b 1 time per month or less g 1 time per day c 2-3 times per month d 1-2 times per week e 3-4 times per week f 5-6 times per week	a NEVER (GO TO QUESTION 13) b 1−6 times per year g 2 times per week c 7−11 times per year h 3−4 times per week
10a. Each time you drank liquor or mixed drinks , how much did you usually drink?	d 1 time per month i 5−6 times per week e 2−3 times per month j 1 time per day f 1 time per week k 2 or more times per day
a Less than 1 shot of liquor b 1 to 3 shots of liquor c More than 3 shots of liquor	12a. Each time you ate cold cereal , how much did you usually eat?
11. Over the past 12 months, did you eat oatmeal, grits, or other cooked cereal?	a☐ Less than 1 cup b☐ 1 to 2½ cups c☐ More than 2½ cups
□ a□ NO (GO TO QUESTION 12)	12b. How often was the cold cereal you ate Total , Product 19 , or Right Start ?
b YES ↓ 11a. How often did you eat oatmeal, grits, or other cooked cereal IN THE WINTER? a NEVER b 1-6 times per winter c 7-11 times per winter d 1 time per month e 2-3 times per month f 1 time per week c 2-3 times per month f 1 time per week per day per day	a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always 12c. How often was the cold cereal you ate All Bran, Fiber One, 100% Bran, or Bran Buds? a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always
<u></u>	\downarrow

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)?	a Less than ½ cup b ½ to 1 cup c More than 1 cup
wheaties, of fleating Choice)?	14. How often did you eat apples?
a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e 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)?	a NEVER (GO TO QUESTION 15) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 14a. Each time you ate apples, how many did you usually eat?
a☐ Almost never or never b☐ About ¼ of the time c☐ About ½ of the time d☐ About ¾ of the time e☐ Almost always or always	a Less than 1 apple b 1 apple c More than 1 apple 15. How often did you eat pears (fresh, canned, or
12f. Was milk added to your cold cereal?	frozen)?
·	□ a□ NEVER (GO TO QUESTION 16)
a NO (GO TO QUESTION 13) b YES 12g. What kind of milk was usually added?	b 1–6 times per year g 2 times per week c 7–11 times per year h 3–4 times per week d 1 time per month i 5–6 times per week e 2–3 times per month j 1 time per day
a Whole milk b 2% fat milk c 1% fat milk d Skim, nonfat, or ½% fat milk e Soy milk f Rice milk g Other	f 1 time per week k 2 or more times per day 15a. Each time you ate pears , how many did you usually eat? a Less than 1 pear b 1 pear c More than 1 pear
12h. Each time milk was added to your cold	16. How often did you eat bananas?
cereal, how much was usually added? a ☐ Less than ½ cup b ☐ ½ to 1 cup c ☐ More than 1 cup 13. How often did you eat applesauce? □ a ☐ NEVER (GO TO QUESTION 14)	a NEVER (GO TO QUESTION 17) b 1–6 times per year g 2 times per week c 7–11 times per year h 3–4 times per week d 1 time per month i 5–6 times per week e 2–3 times per month j 1 time per day f 1 time per week k 2 or more times per day
b □ 1–6 times per year g □ 2 times per week c □ 7–11 times per year d □ 1 time per month d □ 5–6 times per week d □ 1 time per month d □ 1 time per day d □ 1 time per day d □ 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? a☐ Less than 1 banana b☐ 1 banana c☐ More than 1 banana 	a☐ Less than 1 fruit or less than ½ cup b☐ 1 to 2 fruits or ½ to ¾ cup c☐ 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)?	a NEVER (GO TO QUESTION 20) b 1–6 times per year g 2 times per week
a NEVER (GO TO QUESTION 18) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week	c 7–11 times per year d 1 time per month e 2–3 times per week f 1 time per week k 2 or more times per week c 7–11 times per year h 3–4 times per week i 5–6 times per week j 1 time per day k 2 or more times per day
e 2−3 times per month j 1 time per day f 1 time per week k 2 or more times per day	19a. Each time you ate grapes , how much did you usually eat?
17a. Each time you ate dried fruit , how much did you usually eat (not including dried apricots)?	a☐ Less than ½ cup or less than 10 grapes b☐ ½ to 1 cup or 10 to 30 grapes c☐ More than 1 cup or more than 30 grapes
a Less than 2 tablespoons b 2 to 5 tablespoons c More than 5 tablespoons	20. Over the past 12 months, did you eat cantaloupe?
18. Over the <u>past 12 months</u> , did you eat peaches , nectarines, or plums?	□ a□ NO (GO TO QUESTION 21) □ □ YES
a NO (GO TO QUESTION 19)	
b□ YES ↓	20a. How often did you eat fresh cantaloupe WHEN IN SEASON?
18a. How often did you eat fresh peaches, nectarines, or plums WHEN IN SEASON?	a□NEVER b□ 1-6 times per season g□ 2 times per week
a NEVER	c 7–11 times per season h 3–4 times per week d 1 time per month i 5–6 times per week e 2–3 times per month j 1 time per day
b 1-6 times per season c 7-11 times per season d 1 time per month e 2-3 times per season g 2 times per week h 3-4 times per week i 5-6 times per week j 1 time per day	f ☐ 1 time per week k ☐ 2 or more times per day
f 1 time per week k 2 or more times per day	20b. How often did you eat fresh or frozen cantaloupe DURING THE REST OF THE YEAR ?
18b. How often did you eat peaches, nectarines, or plums (fresh, canned, or frozen) DURING THE REST OF THE YEAR?	a NEVER b 1–6 times per year g 2 times per week c 7–11 times per year h 3–4 times per week
a NEVER	d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times
b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per month f 1 time per week g 2 times per week h 3-4 times per week i 5-6 times per week j 1 time per day k 2 or more times per day	per day

Over the past 12 months	22. Over the past 12 months, did you eat strawberries?
20c. Each time you ate cantaloupe , how much did you usually eat?	a□ NO (GO TO QUESTION 23)
a Less than ¼ melon or less than ½ cup b ¼ melon or ½ to 1 cup c More than ¼ melon or more than 1 cup 21. Over the past 12 months, did you eat melon, other than cantaloupe (such as watermelon or honeydew)?	b☐ YES
a NO (GO TO QUESTION 22) b YES ↓ 21a. How often did you eat fresh melon, other than cantaloupe (such as watermelon or honeydew) WHEN IN SEASON?	b 1-6 times per season g 2 times per week c 7-11 times per season h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 22b. How often did you eat fresh or frozen strawberries DURING THE REST OF THE YEAR?
a NEVER b 1-6 times per season c 7-11 times per season d 1 time per month e 2-3 times per month f 1 time per week c 7-11 times per season d 1 time per month f 1 time per week c 7-11 times per season c 7-11 times per season d 1 time per month f 2-6 times per week f 1 time per day k 2 or more times per day	a NEVER b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 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? a NEVER b 1-6 times per year c 7-11 times per year h 3-4 times per week d 1 time per month c 5-6 times per week c 2-3 times per month c 1 time per day c 2 or more times per day	22c. Each time you ate strawberries , how much did you usually eat? a Less than ¼ cup or less than 3 berries b ¼ to ¾ cup or 3 to 8 berries c More than ¾ cup or more than 8 berries 23. Over the past 12 months, did you eat oranges , tangerines, or tangelos? a NO (GO TO QUESTION 24) b YES
21c. Each time you ate melon other than cantaloupe, how much did you usually eat? a Less than ½ cup or 1 small wedge b ½ to 2 cups or 1 medium wedge c More than 2 cups or 1 large wedge	23a. How often did you eat fresh oranges, tangerines, or tangelos WHEN IN SEASON? a□NEVER b□ 1-6 times per season g□ 2 times per week c□ 7-11 times per season h□ 3-4 times per week d□ 1 time per month i□ 5-6 times per week e□ 2-3 times per month j□ 1 time per day f□ 1 time per week location in the season per day f□ 1 time per week location in the season per day location in the season per day location in the season per day

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

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 ?	a NEVER (GO TO QUESTION 32)
a NEVER (GO TO QUESTION 29) b 1–6 times per year g 2 times per week c 7–11 times per year h 3–4 times per week d 1 time per month i 5–6 times per week e 2–3 times per month j 1 time per day f 1 time per week k 2 or more times per day	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month f 1 time per week 1 time per week 2 or more times per day 1 time per day
28a. Each time you ate coleslaw , how much did you usually eat?	beans, how much did you usually eat? a☐ Less than ½ cup
a Less than ¼ cup b ¼ to ¾ cup c More than ¾ cup	b ½ to 1 cup c More than 1 cup
29. How often did you eat sauerkraut or cabbage (other than coleslaw)?	32. How often did you eat peas (fresh, canned, or frozen)?
a NEVER (GO TO QUESTION 30)	a NEVER (GO TO QUESTION 33) b 1−6 times per year g 2 times per week
b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day	c 7–11 times per year h 3–4 times per week d 1 time per month i 5–6 times per week e 2–3 times per month j 1 time per day f 1 time per week k 2 or more times per day
29a. Each time you ate sauerkraut or cabbage , how much did you usually eat?	32a. Each time you ate peas , how much did you usually eat?
a☐ Less than ¼ cup b☐ ¼ to 1 cup c☐ More than 1 cup	a Less than ¼ cup b ¼ to ¾ cup c More than ¾ cup 33. Over the past 12 months, did you eat corn?
30. How often did you eat carrots (fresh, canned, or frozen)?	a NO (GO TO QUESTION 34)
□ a□ NEVER (GO TO QUESTION 31)	b□ YES ↓
b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day	33a. How often did you eat fresh corn WHEN IN SEASON?
f ☐ 1 time per week k ☐ 2 or more times per day	a ☐NEVER b ☐ 1-6 times per season g ☐ 2 times per week
30a. Each time you ate carrots , how much did you usually eat? a☐ Less than ¼ cup or less than 2 baby carrots b☐ ¼ to ½ cup or 2 to 5 baby carrots c☐ More than ½ cup or more than 5 baby carrots	c 7-11 times per season d 1 time per month e 2-3 times per month f 1 time per week k 2 or more times per day per day

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 ?	□ a□ NEVER (GO TO QUESTION 37)
a NEVER b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 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?	a ☐ Less than ½ cup b ☐ ½ to 1 cup c ☐ More than 1 cup
a☐ Less than 1 ear or less than ½ cup b☐ 1 ear or ½ to 1 cup c☐ More than 1 ear or more than 1 cup	37. How often did you eat onions ? □ a□ 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)	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day
b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 34a. Each time you ate broccoli , how much did you usually eat?	37a. Each time you ate onions , how much did you usually eat? a Less than 1 slice or less than 1 tablespoon b 1 slice or 1 to 4 tablespoons c More than 1 slice or more than 4 tablespoons 38. Now think about all the cooked vegetables you
a☐ Less than ¼ cup b☐ ¼ to 1 cup c☐ More than 1 cup	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? (<i>Please do not include potatoes.</i>)
35. How often did you eat cauliflower or Brussels sprouts (fresh or frozen)?	□ a□ NEVER (GO TO QUESTION 39)
a NEVER (GO TO QUESTION 36) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day
35a. Each time you ate cauliflower or Brussels sprouts , how much did you usually eat? a Less than ¼ cup b ¼ to ½ cup c 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.)	a NEVER (GO TO QUESTION 41)	
1 ☐ Margarine (including low-fat) 1 ☐ Canola or rapeseed oil 1 ☐ Butter (including low-fat) 1 ☐ Oil spray, such as Pam or others 1 ☐ Lard, fatback, or bacon fat 1 ☐ Other kinds of oils 1 ☐ Olive oil	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 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 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.) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	a Less than ¹/8 pepper b ¹/8 to ¼ pepper c More than ¼ pepper 41. Over the past 12 months, did you eat fresh tomatoes (including those in salads)? □ NO (GO TO QUESTION 42) □ YES □ YES □ 41a. How often did you eat fresh tomatoes (including those in salads) WHEN IN SEASON? □ □ NEVER □ □ 1-6 times per season □ □ 2 times per week □ 7-11 times per season □ 3-4 times per week	
(including low-fat) 1 ☐ Cheese sauce 1 ☐ Butter (including 1 ☐ White sauce low-fat) 1 ☐ Other 1 ☐ Lard, fatback, or bacon fat	d 1 time per month e 2-3 times per month f 1 time per week f 1 time per week k 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 much did you usually add?	41b. How often did you eat fresh tomatoes (including those in salads) DURING THE REST OF THE YEAR ?	
a Did not usually add these b Less than 1 teaspoon c 1 to 3 teaspoons d More than 3 teaspoons 39c. If salad dressing, cheese sauce, or white sauce was added to your cooked vegetables	a NEVER b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day	
AFTER COOKING OR AT THE TABLE, how much did you usually add? a □ Did not usually add these b □ Less than 1 tablespoon c □ 1 to 3 tablespoons d □ More than 3 tablespoons	41c. Each time you ate fresh tomatoes , how much did you usually eat? a Less than ¼ tomato b ⅓ to ½ tomato c 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 without other vegetables)?	a NEVER (GO TO QUESTION 46)
a NEVER (GO TO QUESTION 43) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 42a. Each time you ate lettuce salads, how much did you usually eat? a Less than ¼ cup b ¼ to 1¹/4 cups c More than 1¹/4 cups 43. How often did you eat salad dressing (including low-fat) on salads? a NEVER (GO TO QUESTION 44) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 43a. Each time you ate salad dressing on salads, how much did you usually eat? a Less than 2 tablespoons c More than 4 tablespoons	hash browned potatoes, or tater tots how much did you usually eat? a Less than 10 fries or less than ½ cup b 10 to 25 fries or ½ to 1 cup c More than 25 fries or more than 1 cup 46. How often did you eat potato salad? a NEVER (GO TO QUESTION 47) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month j 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 46a. Each time you ate potato salad, how much did you usually eat? a Less than ½ cup b ½ to 1 cup c More than 1 cup 47. How often did you eat baked, boiled, or mashed
44. How often did you eat sweet potatoes or yams ?	potatoes?
a NEVER (GO TO QUESTION 45) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 44a. Each time you ate sweet potatoes or yams , how much did you usually eat? a 1 small potato or less than ¼ cup b 1 medium potato or ¼ to ¾ cup c 1 large potato or more than ¾ cup	a NEVER (GO TO QUESTION 48) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 47a. Each time you ate baked, boiled, or mashed potatoes, how much did you usually eat? a 1 small potato or less than ½ cup b 1 medium potato or ½ to 1 cup c 1 large potato or more than 1 cup

Over the past 12 months			47h. Each time cheese or cheese sauce was		
47b.	How often was sour cream (including low-fat) added to your potatoes, EITHER IN			added to your potate usually added?	oes, how much was
	COOKING OR AT THE TABLE?			a Less than 1 table	espoon
				b 1 to 3 tablespoor	
	a Almost never or never (GO TO QUESTION 47d)			c More than 3 tabl	espoons
	b About ¼ of the time				•
	c About ½ of the time		48. Ho	w often did you eat s	alsa?
	d About ¾ of the time			·	
	e∏ Almost always or always		☐ a□] NEVER (GO TO QUE	STION 49)
470	Each time sour cream was added to your		ا ہر] 1–6 times per year	g ☐ 2 times per week
''' 0.	potatoes, how much was usually added?			7–11 times per year	h 3–4 times per week
	potatocs, now mach was askany added:			1 time per month	i 5−6 times per week
	a Less than 1 tablespoon			2–3 times per month	j 1 time per day
	b 1 to 3 tablespoons			1 time per week	k 2 or more times per day
	c More than 3 tablespoons			1 I time per week	k 2 of more times per day
	c More than 5 tablespoons		482	Fach time you ate s	alsa, how much did you
-17d	How often was margarine (including law fot)		1 0a.	usually eat?	aisa, now mach ala you
-47u.	How often was margarine (including low-fat)			usually cat:	
	added to your potatoes, EITHER IN				
	COOKING OR AT THE TABLE?			a Less than 1 table	
				b 1 to 5 tablespoor	
	a Almost never or never	,	₩	c More than 5 tabl	espoons
	b About ¼ of the time		40 11	· Constitution of the	-10
	□ About ½ of the time		49. Ho	w often did you eat c	atsup?
	$\mathbf{d} \square$ About $\frac{3}{4}$ of the time		_	7	
	e∏ Almost always or always		_ aL] NEVER (GO TO QUE	STION 50)
47e.	How often was butter (including low-fat)		ЪГ] 1–6 times per year	g ☐ 2 times per week
	added to your potatoes, EITHER IN			7–11 times per year	n 3–4 times per week
	COOKING OR AT THE TABLE?			1 time per month	i ☐ 5–6 times per week
	OOOKING OK AT THE TABLE:			2–3 times per month	j
	a Almost never or never			1 time per week	k 2 or more times per day
	b About 1/4 of the time			- '	,
	c About ½ of the time		49a	Fach time you ate c	atsup, how much did you
	d About ¾ of the time		100.	usually eat?	atoup, now maon ala you
				usually cat:	
	e Almost always or always			a ☐ Less than 1 teas	noon
17f	Each time margarine or butter was added to			b 1 to 6 teaspoons	
471.		١,	\downarrow	c More than 6 teas	
	your potatoes, how much was usually added?		•	c_ wore than o teas	spoons
	added?		50 Ho	w often did you eat s	tuffing dressing or
				mplings?	turning, dressing, or
	a Never added		uu	ilipiliigs:	
	b Less than 1 teaspoon				OTION 54)
	c 1 to 3 teaspoons		a L	NEVER (GO TO QUE	STION 51)
	d☐ More than 3 teaspoons		_	74.00	
4-				1–6 times per year	g☐ 2 times per week
47g.	How often was cheese or cheese sauce			7–11 times per year	h 3–4 times per week
	added to your potatoes, EITHER IN			1 time per month	i ☐ 5–6 times per week
	COOKING OR AT THE TABLE?			2–3 times per month	j ☐ 1 time per day
	_		fL	1 time per week	k 2 or more times per day
Γ	a Almost never or never (GO TO QUESTION 48)			Facilities	Auttin a dun of the second
	b About ¼ of the time		50a.		tuffing, dressing, or
	c☐ About ½ of the time			dumplings, how mu	uch did you usually eat?
	d About ¾ of the time			_	
	e Almost always or always			a ☐ Less than ½ cup	
				b <u>□</u> ½ to 1 cup	
		Ì	1	c 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?
a NEVER (GO TO QUESTION 52) b 1−6 times per year g 2 times per week	a☐ Almost never or never □☐ About ¼ of the time □☐ About ½ of the time
c 7–11 times per year d 1 time per month e 2–3 times per week t 1 time per month f 1 time per week c 7–11 times per year h 3–4 times per week t 5–6 times per week j 1 time per day k 2 or more times per day	d About ¾ of the time e Almost always or always 54. How often did you eat other kinds of
51a. Each time you ate chili , how much did you usually eat?	vegetables? □ a□ NEVER (GO TO QUESTION 55)
a Less than ½ cup b ½ to 1³/4 cups c More than 1³/4 cups F3. How often did you get Maximon feeds (such as	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day
52. How often did you eat Mexican foods (such as tacos, tostados, burritos, tamales, fajitas, enchiladas, quesadillas, and chimichangas)?	54a. Each time you ate other kinds of vegetables , how much did you usually eat?
a NEVER (GO TO QUESTION 53) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month f 1 time per week k 2 or more times per day	a Less than ¼ cup b ¼ to ½ cup c More than ½ cup 55. How often did you eat rice or other cooked grains (such as bulgur, cracked wheat, or millet)?
52a. Each time you ate Mexican foods , how much did you usually eat?	□ a□ NEVER (GO TO QUESTION 56)
a Less than 1 taco, burrito, etc. b 1 to 2 tacos, burritos, etc. c More than 2 tacos, burritos, etc. 53. How often did you eat cooked dried beans	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day
(such as baked beans, pintos, kidney, blackeyed peas, lima, lentils, soybeans, or refried beans)? (Please don't include bean soups or chili.)	55a. Each time you ate rice or other cooked grains , how much did you usually eat?
a NEVER (GO TO QUESTION 54)	a☐ Less than ½ cup b☐ ½ to 1¹/2 cups
b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per week t 1 time per week c 7-11 times per year c 7-11 times per year c 7-11 times per year c 7-11 times per week c 8-11 times per week c 9-12 times per week c 9-13 times per week c 9-14 times per week c 9-15 times per week c 9-16 times per week c 9-16 times per week c 9-17	o More than 1 ¹ /2 cups 55b. How often was butter , margarine , or oil added to your rice IN COOKING OR AT THE TABLE ?
53a. Each time you ate beans , how much did you usually eat? a☐ Less than ½ cup b☐ ½ to 1 cup c☐ More than 1 cup	a☐ Almost never or never b☐ About ¼ of the time c☐ About ½ of the time d☐ About ¾ of the time e☐ Almost always or always

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 French toast?	much was usually added?		
□ a□ NEVER (GO TO QUESTION 57)	a☐ Less than 1 tablespoon b☐ 1 to 4 tablespoons		
b☐ 1–6 times per year g☐ 2 times per week	c☐ More than 4 tablespoons		
c 7–11 times per year d 1 time per month e 2–3 times per month f 1 time per week h 3–4 times per week i 5–6 times per week j 1 time per day k 2 or more times per day	57. How often did you eat lasagna, stuffed shells, stuffed manicotti, ravioli, or tortellini? (Please do not include spaghetti or other pasta.)		
56a. Each time you ate pancakes, waffles, or	□ a□ NEVER (GO TO QUESTION 58)		
French toast, how much did you usually eat?	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week		
a☐ Less than 1 medium piece b☐ 1 to 3 medium pieces c☐ More than 3 medium pieces	e 2-3 times per month f 1 time per week i 2 or more times per day k 2 or more times per day		
56b. How often was margarine (including low-fat) added to your pancakes, waffles, or French toast AFTER COOKING OR AT THE TABLE ?	57a. Each time you ate lasagna, stuffed shells, stuffed manicotti, ravioli, or tortellini, how much did you usually eat?		
a☐ Almost never or never b☐ About ¼ of the time	a ☐ Less than 1 cup b ☐ 1 to 2 cups C ☐ More than 2 cups		
c About ½ of the time d About ¾ of the time	58. How often did you eat macaroni and cheese?		
e Almost always or always	☐ a☐ NEVER (GO TO QUESTION 59)		
56c. How often was butter (including low-fat) added to your pancakes, waffles, or French toast AFTER COOKING OR AT THE TABLE ? a △ Almost never or never	b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per week b 2 2 times per week h 3-4 times per week i 5-6 times per week j 1 time per day k 2 or more times per day		
b About ¼ of the time c About ⅓ of the time d About ¾ of the time	58a. Each time you ate macaroni and cheese , how much did you usually eat?		
e Almost always or always 56d. Each time margarine or butter was added to your pancakes, waffles, or French toast, how much was usually added?	a Less than 1 cup b 1 to 1¹/2 cups ▼ c More than 1¹/2 cups		
a☐ Never added b☐ Less than 1 teaspoon	59. How often did you eat pasta salad or macaroni salad?		
c ☐ 1 to 3 teaspoons d ☐ More than 3 teaspoons	□ a□ NEVER (GO TO QUESTION 60)		
56e. How often was syrup added to your pancakes, waffles, or French toast?	b 1−6 times per year g 2 times per week c 7−11 times per year h 3−4 times per week d 1 time per month i 5−6 times per week e 2−3 times per month j 1 time per day		
a Almost never or never (GO TO QUESTION 57) b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always	f 1 time per week k 2 or more times per day		

Over the past 12 months	61. How often did you eat bagels or English muffins ?		
59a. Each time you ate pasta salad or macaroni salad , how much did you usually eat?	☐ a☐ NEVER (GO TO INTRODUCTION TO QUESTION 62)		
a Less than ½ cup b ½ to 1 cup c More than 1 cup 60. Other than the pastas listed in Questions 57, 58, and 59, how often did you eat pasta, spaghetti,	b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per week t 1 time per worth f 1 time per week g 2 times per week h 3-4 times per week i 5-6 times per week j 1 time per day k 2 or more times per day		
or other noodles?	61a. Each time you ate bagels or English muffins , how many did you usually eat?		
□ a□ NEVER (GO TO QUESTION 61)	a Less than 1 bagel or English muffin		
b 1−6 times per year g 2 times per week c 7−11 times per year h 3−4 times per week d 1 time per month i 5−6 times per week e 2−3 times per month j 1 time per day	b☐ 1 bagel or English muffin c☐ More than 1 bagel or English muffin 61b. How often was margarine (including low-fat)		
f ☐ 1 time per week k ☐ 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?	a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time		
a Less than 1 cup b 1 to 3 cups	e□ Almost always or always		
do s cups c More than 3 cups 60b. How often did you eat your pasta, spaghetti,	61c. How often was butter (including low-fat) added to your bagels or English muffins?		
or other noodles with tomato sauce or spaghetti sauce made WITH meat?	a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time		
b☐ About ¼ of the time c☐ About ½ of the time d☐ About ¾ of the time	e Almost always or always 61d. Each time margarine or butter was added to		
e Almost always or always 60c. How often did you eat your pasta, spaghetti,	your bagels or English muffins, how much was usually added?		
or other noodles with tomato sauce or spaghetti sauce made WITHOUT meat? a Almost never or never	a☐ Never added b☐ Less than 1 teaspoon c☐ 1 to 2 teaspoons d☐ More than 2 teaspoons		
b About ¼ of the time c About ½ of the time d About ¾ of the time e 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?	a Almost never or never (GO TO INTRODUCTION TO QUESTION 62) b About ¼ of the time c About ½ of the time		
a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always	d About ¾ of the time e 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?
a☐ Less than 1 tablespoon b☐ 1 to 2 tablespoons	a☐ Less than 1 teaspoon b☐ 1 to 3 teaspoons c☐ More than 3 teaspoons
c More than 2 tablespoons	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.	a☐ Almost never or never b☐ About ¼ of the time c☐ About ½ of the time d☐ About ¾ of the time e☐ 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?
□ a□ NEVER (GO TO QUESTION 63)	a☐ Almost never or never b☐ About ¼ of the time c☐ About ½ of the time
b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per wonth g 2 times per week h 3-4 times per week i 5-6 times per week j 1 time per day	d☐ About ¾ of the time e☐ Almost always or always
f 1 time per week k 2 or more times per day 62a. Each time you ate breads or rolls AS PART	62g. Each time margarine or butter was added to your sandwich breads or rolls, how much was usually added?
OF SANDWICHES , how many did you usually eat?	a☐ Never added b☐ Less than 1 teaspoon
a☐ 1 slice or ½ roll b☐ 2 slices or 1 roll c☐ More than 2 slices or more than 1 roll	 d 1 to 2 teaspoons d More than 2 teaspoons 63. How often did you eat breads or dinner rolls,
62b. How often were the breads or rolls that you used for your sandwiches white bread	NOT AS PART OF SANDWICHES?
(including burger and hot dog rolls)?	a NEVER (GO TO QUESTION 64) b 1−6 times per year g 2 times per week
a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always	c ☐ 7–11 times per year d ☐ 1 time per month e ☐ 2–3 times per month f ☐ 1 time per week k ☐ 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?
a Almost never or never (GO TO QUESTION 62e) b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always	a 1 slice or 1 dinner roll b 2 slices or 2 dinner rolls c More than 2 slices or 2 dinner rolls
▼ Question 62e appears in the next column	

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

Over the past 12 months		
67.	How often did you eat turkey or chicken COLD CUTS (such as loaf, luncheon meat, turkey ham, turkey salami, or turkey pastrami)? (We will ask about other turkey or chicken later.)	
	a□ NEVER (GO TO QUESTION 68)	
	b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per week f 1 time per week g 2 times per week h 3-4 times per week i 5-6 times per week j 1 time per day k 2 or more times per day	ау
6	67a. Each time you ate turkey or chicken COLD CUTS , how much did you usually eat?	
	a☐ Less than 1 slice b☐ 1 to 3 slices c☐ More than 3 slices	
6 8.	How often did you eat luncheon or deli-style ham ? (We will ask about other ham later.)	
	a□ NEVER (GO TO QUESTION 69)	
	b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per week f 1 time per week g 2 times per week h 3-4 times per week i 5-6 times per week j 1 time per day k 2 or more times per day	ay
6	68a. Each time you ate luncheon or deli-style ham , how much did you usually eat?	
	a☐ Less than 1 slice b☐ 1 to 3 slices c☐ More than 3 slices	
6	68b. How often was the luncheon or deli-style ham you ate light , low-fat , or fat-free ?	
	a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always	

6	lun cor fat)	w often did you eat ot acheon meats (such a ned beef, pastrami, or ? (Please do not inclu cken cold cuts.)	s bologna, salami, others, including low-
□ a□ NEVER (GO TO QUESTION 70)			TION 70)
	c_ d_ e_	1–6 times per year 7–11 times per year 1 time per month 2–3 times per month 1 time per week	g 2 times per week h 3-4 times per week i 5-6 times per week j 1 time per day k 2 or more times per day
	69a.	Each time you ate ot luncheon meats , ho eat?	her cold cuts or w much did you usually
		a☐ Less than 1 slice b☐ 1 to 3 slices c☐ More than 3 slices	S
	69b.	free cold cuts or lur	other cold cuts or ate light, low-fat , or fat- icheon meats ? (Please turkey, or chicken cold
		a☐ Almost never or n b☐ About ¼ of the tin c☐ About ⅙ of the tin d☐ About ¾ of the tin e☐ Almost always or	ne ne ne
7		ow often did you eat c a lads, sandwiches, or d	anned tuna (including in casseroles)?
	_ a_	NEVER (GO TO QUES	TION 71)
	c_ d_ e_	1–6 times per year 7–11 times per year 1 time per month 2–3 times per month 1 time per week	g 2 times per week h 3-4 times per week i 5-6 times per week j 1 time per day k 2 or more times per day
	70a.	Each time you ate ca did you usually eat?	nned tuna, how much
		a☐ Less than ¼ cup ob☐ ¼ to ½ cup or 2 toc☐ More than ½ cup	
	70b.	How often was the cawater-packed tuna?	
	•	a☐ Almost never or n b☐ About ¼ of the tin c☐ About ½ of the tin d☐ About ¾ of the tin e☐ Almost always or	ne ne ne

70c. How often was the canned tuna you ate prepared with mayonnaise or other	73. How often did you eat ground beef in mixtures (such as meatballs, casseroles, chili, or meatloaf)?		
dressing (including low-fat)?	☐ a☐ NEVER (GO TO QUESTION 74)		
a☐ Almost never or never b☐ About ¼ of the time c☐ About ½ of the time d☐ About ¾ of the time e☐ Almost always or always	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 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?		
a NEVER (GO TO QUESTION 72) b 1–6 times per year g 2 times per week c 7–11 times per year h 3–4 times per week d 1 time per month i 5–6 times per week e 2–3 times per month j 1 time per day	a Less than 3 ounces or less than ½ cup b 3 to 8 ounces or ½ to 1 cup c More than 8 ounces or more than 1 cup 74. How often did you eat hot dogs or frankfurters? (Please do not include sausages or vegetarian		
f 1 time per week k 2 or more times per day	hot dogs.) □ a□ NEVER (GO TO QUESTION 75)		
71a. Each time you ate GROUND chicken or turkey , how much did you usually eat? a Less than 2 ounces or less than ½ cup b 2 to 4 ounces or ½ to 1 cup c More than 4 ounces or more than 1 cup	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day		
▼ 72. How often did you eat beef hamburgers or cheeseburgers ?	74a. Each time you ate hot dogs or frankfurters , how many did you usually eat?		
a NEVER (GO TO QUESTION 73) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 72a. Each time you ate beef hamburgers or cheeseburgers, how much did you usually eat? a Less than 1 patty or less than 2 ounces b 1 patty or 2 to 4 ounces c More than 1 patty or more than 4 ounces	a Less than 1 hot dog b 1 to 2 hot dogs c More than 2 hot dogs 74b. How often were the hot dogs or frankfurters you ate light or low-fat hot dogs? a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always		
72b. How often were the beef hamburgers or cheeseburgers you ate made with lean ground beef? a Almost never or never b About 1/4 of the time c About 1/2 of the time d About 3/4 of the time			
e Almost always or always Question 73 appears in the next column O	♥ Question 75 appears on the next page		

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?	a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time	
a NEVER (GO TO QUESTION 76)	e Almost always or always	
b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per month f 1 time per week b 5-6 times per week c 7-11 times per year c 1 5-6 times per week c 2-3 times per month c 2-3 times per month c 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?	78. How often did you eat pork or beef spareribs ? a NEVER (GO TO QUESTION 79) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day	
a Less than 1 cup b 1 to 2 cups c More than 2 cups	78a. Each time you ate pork or beef spareribs , how much did you usually eat?	
76. How often did you eat roast beef or pot roast ? (Please do not include roast beef or pot roast in sandwiches.)	a☐ Less than 4 ribs b☐ 4 to 12 ribs c☐ More than 12 ribs	
a NEVER (GO TO QUESTION 77)	79. How often did you eat roast turkey, turkey cutlets, or turkey nuggets (including in sandwiches)?	
b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per month f 1 time per week 2 or more times per week 2 or more times per day 76a. Each time you ate roast beef or pot roast	a NEVER (GO TO QUESTION 80) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day	
(including in mixtures), how much did you usually eat?	f 1 time per week k 2 or more times per day 79a. Each time you ate roast turkey, turkey cutlets, or turkey nuggets, how much did	
a Less than 2 ounces b 2 to 5 ounces c More than 5 ounces ▼	you usually eat? (Please note: 4 to 8 turkey nuggets = 3 ounces.)	
77. How often did you eat steak (beef)? (<i>Do not include steak in sandwiches</i>)	a Less than 2 ounces b 2 to 4 ounces c More than 4 ounces	
a NEVER (GO TO QUESTION 78) b 1−6 times per year g 2 times per week	80. How often did you eat chicken as part of salads , sandwiches , casseroles , stews , or other	
c 7–11 times per year d 1 time per month e 2–3 times per month f 1 time per week h 3–4 times per week i 5–6 times per week j 1 time per day k 2 or more times per day	mixtures? □ a□ NEVER (GO TO QUESTION 81)	
77a. Each time you ate steak (beef), how much did you usually eat?	b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per week b 3-4 times per week i 5-6 times per week j 1 time per day k 2 or more times per day	
b 3 to 7 ounces c More than 7 ounces		

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?	a NEVER (GO TO QUESTION 83)
a Less than ½ cup b ½ to 1¹/2 cups c More than 1¹/2 cups	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 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?
a NEVER (GO TO QUESTION 82) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 81a. Each time you ate baked, broiled, roasted, stewed, or fried chicken (including nuggets), how much did you usually eat? a Less than 2 drumsticks or wings, less than 1 breast or thigh, or less than 4 nuggets b 2 drumsticks or wings, 1 breast or thigh, or 4 to 8 nuggets c More than 2 drumsticks or wings, more than 1 breast or thigh, or more than 8 nuggets	a Less than 1 ounce b 1 to 3 ounces c More than 3 ounces 83. How often did you eat pork (including chops, roasts, and in mixed dishes)? (Please do not include ham, ham steak, or sausage.) □ a NEVER (GO TO QUESTION 84) □ 1-6 times per year g 2 times per week c 7-11 times per year n 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 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? a ☐ Less than 2 ounces or less than 1 chop b ☐ 2 to 5 ounces or 1 chop c ☐ More than 5 ounces or more than 1 chop
a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always 81c. How often was the chicken you ate WHITE meat? a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always 81d. How often did you eat chicken WITH skin? a Almost never or never b About ¼ of the time c About ½ of the time c About ¼ of the time	84. How often did you eat gravy on meat, chicken, potatoes, rice, etc.? a NEVER (GO TO QUESTION 85) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 84a. Each time you ate gravy on meat, chicken, potatoes, rice, etc., how much did you usually eat? a Less than 1/8 cup b 1/8 to ½ cup c More than ½ cup
e Almost always or always	♦

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? a□ Less than 1 patty or 2 links
a NEVER (GO TO QUESTION 86)	b 1 to 3 patties or 2 to 5 links c More than 3 patties or 5 links
b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week	87b. How often was the sausage you ate light , low-fat , or lean sausage ?
e 2–3 times per month j 1 time per day f 1 time per week k 2 or more times per day	a☐ Almost never or never b☐ About ¼ of the time c☐ About ½ of the time
85a. Each time you ate liver or liverwurst , how much did you usually eat?	d☐ About ¾ of the time e☐ Almost always or always
a Less than 1 ounce b 1 to 4 ounces c More than 4 ounces	88. How often did you eat fish sticks or fried fish (including fried seafood or shellfish)?
y —	☐ a☐ NEVER (GO TO QUESTION 89)
86. How often did you eat bacon (including low-fat)? a NEVER (GO TO QUESTION 87)	b 1−6 times per year g 2 times per week c 7−11 times per year h 3−4 times per week d 1 time per month i 5−6 times per week
b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week	e 2-3 times per month f 1 time per week i 3-6 times per week j 1 time per day k 2 or more times per day
d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 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?	a☐ Less than 2 ounces or less than 1 fillet b☐ 2 to 7 ounces or 1 fillet c☐ More than 7 ounces or more than 1 fillet
a☐ Fewer than 2 slices b☐ 2 to 3 slices c☐ 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?	a NEVER (GO TO INTRODUCTION TO QUESTION 90)
a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always	b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per week f 1 time per week g 2 times per week h 3-4 times per week i 5-6 times per week j 1 time per day k 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?
a NEVER (GO TO QUESTION 88)	a☐ Less than 2 ounces or less than 1 fillet b☐ 2 to 5 ounces or 1 fillet
b 1-6 times per year c 7-11 times per year d 1 time per month e 2-3 times per week i 5-6 times per week j 1 time per day f 1 time per week k 2 or more times per day	c 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 past 12 months and how they were prepared.	a NO (GO TO QUESTION 93) b□ 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?

Over the past 12 months	94a. Each time you ate crackers , how many did you usually eat?
92f. How often were the soups you ate tomato or vegetable soups ? a Almost never or never b About 1/4 of the time c About 1/2 of the time d About 3/4 of the time e Almost always or always	a Fewer than 4 crackers b 4 to 10 crackers c More than 10 crackers 95. How often did you eat corn bread or corn muffins ? □ a NEVER (GO TO QUESTION 96)
92g. How often were the soups you ate broth soups (including chicken) with or without noodles or rice? a Almost never or never b About 1/4 of the time c About 1/2 of the time d About 3/4 of the time e Almost always or always	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month
93. How often did you eat pizza ? □ a□ NEVER (GO TO QUESTION 94)	a Less than 1 piece or muffin b 1 to 2 pieces or muffins □ More than 2 pieces or muffins
b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 93a. Each time you ate pizza, how much did you usually eat? a Less than 1 slice or less than 1 mini pizza b 1 to 3 slices or 1 mini pizza c More than 3 slices or more than 1 mini pizza 93b. How often did you eat pizza with pepperoni, sausage, or other meat? a Almost never or never b About 1/2 of the time c About 1/2 of the time e Almost always or always 94. How often did you eat crackers?	96. How often did you eat biscuits? a NEVER (GO TO QUESTION 97) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 96a. Each time you ate biscuits, how many did you usually eat? a Fewer than 1 biscuit b 1 to 2 biscuits c More than 2 biscuits 97. How often did you eat potato chips, tortilla chips, or corn chips (including low-fat, fat-free, or low-salt)? a NEVER (GO TO QUESTION 98)
a NEVER (GO TO QUESTION 95) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day	b □ 1–6 times per year c □ 7–11 times per year d □ 1 time per month e □ 2–3 times per month f □ 1 time per week c □ 7–11 times per year d □ 1 time per month f □ 2–3 times per month f □ 1 time per week c □ 2–6 times per week f □ 1 time per day k □ 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 chips, or corn chips , how much did you usually eat?	a☐ Fewer than 5 average twists b☐ 5 to 20 average twists c☐ More than 20 average twists
a☐ Fewer than 10 chips or less than 1 cup b☐ 10 to 25 chips or 1 to 2 cups c☐ More than 25 chips or more than 2 cups	100. How often did you eat peanuts, walnuts, seeds, or other nuts?
97b. How often were the chips you ate Wow chips or other chips made with fat substitute (Olean or Olestra)? a☐ Almost never or never b☐ About ¼ of the time c☐ About ¾ of the time d☐ About ¾ of the time e☐ Almost always or always 97c. How often were the chips you ate other lowfat or fat-free chips? a☐ Almost never or never b☐ About ¼ of the time	a NEVER (GO TO QUESTION 101) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 100a. Each time you ate peanuts, walnuts, seeds, or other nuts, how much did you usually eat? a Less than ¼ cup b ¼ to ½ cup c More than ½ cup
c About ½ of the time d About ¾ of the time e Almost always or always	101. How often did you eat energy, high-protein, or breakfast bars such as Power Bars, Balance, Clif, or others?
98. How often did you eat popcorn (including low-fat)?	☐ a☐ NEVER (GO TO QUESTION 102)
a NEVER (GO TO QUESTION 99) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 101a. Each time you ate energy, high-protein, or breakfast bars, how much did you usually eat?
98a. Each time you ate popcorn , how much did you usually eat? a☐ Less than 2 cups, popped b☐ 2 to 5 cups, popped c☐ More than 5 cups, popped	a Less than 1 bar b 1 bar c More than 1 bar 102. How often did you eat yogurt (NOT including frozen yogurt)?
99. How often did you eat pretzels ?	□ a□ NEVER (GO TO QUESTION 103)
a NEVER (GO TO QUESTION 100) b 1–6 times per year g 2 times per week c 7–11 times per year h 3–4 times per week d 1 time per month i 5–6 times per week e 2–3 times per month j 1 time per day f 1 time per week k 2 or more times per day	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day

(including low-fat)? a □ NEVER (GO TO QUESTION 104) b □ 1-6 times per year g □ 2 times per week c □ 7-11 times per year h □ 3-4 times per week d □ 1 time per month i □ 5-6 times per week e □ 2-3 times per month j □ 1 time per day f □ 1 time per week k □ 2 or more times per day 103a. Each time you ate cottage cheese, how much did you usually eat? 105a. How often did you eat frozen yogurt, sorbet, or ices (including low-fat or fat-free)? a □ NEVER (GO TO QUESTION 106) b □ 1-6 times per year g □ 2 times per week c □ 7-11 times per year h □ 3-4 times per week d □ 1 time per month i □ 5-6 times per week d □ 1 time per month j □ 1 time per day f □ 1 time per week k □ 2 or more times per day 105a. Each time you ate frozen yogurt, sorbet, or ices, how much did you usually eat? 105a. Each time you ate frozen yogurt, sorbet, or ices, how much did you usually eat? a □ Less than ½ cup or less than 1 scoop b □ ½ to 1 cup or 1 to 2 scoops	Over the past 12 months	104c. How often was the cheese you ate fat-free cheese ?
105. How often did you eat frozen yogurt, sorbet, or ices (including low-fat or fat-free)?	you usually eat? a☐ Less than ½ cup or less than 1 container b☐ ½ to 1 cup or 1 container	b☐ About ¼ of the time c☐ About ½ of the time d☐ About ¾ of the time
i 1 1	a NEVER (GO TO QUESTION 104) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 103a. Each time you ate cottage cheese, how much did you usually eat? a Less than ½ cup b ¼ to 1 cup c More than 1 cup 104. How often did you eat cheese (including low-fat; including on cheeseburgers or in sandwiches or subs)? a NEVER (GO TO QUESTION 105) b 1-6 times per year g 2 times per week c 7-11 times per year nh 3-4 times per week d 1 time per month j 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 104a. Each time you ate cheese, how much did you usually eat? a Less than ½ ounce or less than 1 slice b ½ to 1¹/2 ounces or 1 slice c More than 1¹/2 ounces or more than 1 slice 104b. How often was the cheese you ate light or low-fat cheese? a Almost never or never b About ¼ of the time c About ¾ of the time d About ¾ of the time d About ¾ of the time	ices (including low-fat or fat-free)? a NEVER (GO TO QUESTION 106) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month 5-6 times per week e 2-3 times per month 1 time per day f 1 time per week k 2 or more times per day 105a. Each time you ate frozen yogurt, sorbet, or ices, how much did you usually eat? a Less than ½ cup or less than 1 scoop b ½ to 1 cup or 1 to 2 scoops c More than 1 cup or more than 2 scoops 106. How often did you eat ice cream, ice cream bars, or sherbet (including low-fat or fat-free)? a NEVER (GO TO QUESTION 107) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month 5-6 times per week e 2-3 times per month 5 1 time per day f 1 time per week k 2 or more times per day 106a. Each time you ate ice cream, ice cream bars, or sherbet, how much did you usually eat? a Less than ½ cup or less than 1 scoop b ½ to 1¹/2 cups or 1 to 2 scoops c More than 1¹/2 cups or more than 2 scoops 106b. How often was the ice cream you ate light, low-fat, or fat-free ice cream or sherbet? a Almost never or never b About ¼ of the time d About ¾ of the time d About ¾ 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 fat-free)?	□ a□ NEVER (GO TO QUESTION 110)
a NEVER (GO TO QUESTION 108) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day
f 1 time per week k 2 or more times per day 107a. Each time you ate cake , how much did you usually eat?	109a. Each time you ate doughnuts , sweet rolls , Danish , or pop-tarts , how much did you usually eat?
a☐ Less than 1 medium piece b☐ 1 medium piece c☐ More than 1 medium piece	b☐ 1 to 2 pieces c☐ More than 2 pieces
107b. How often was the cake you ate light, low-fat, or fat-free cake?	110. How often did you eat sweet muffins or dessert breads (including low-fat or fat-free)?
a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always	a NEVER (GO TO QUESTION 111) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day
108. How often did you eat cookies or brownies (including low-fat or fat-free)?	110a. Each time you ate sweet muffins or dessert breads , how much did you usually eat?
a NEVER (GO TO QUESTION 109) b 1–6 times per year g 2 times per week c 7–11 times per year h 3–4 times per week d 1 time per month i 5–6 times per week e 2–3 times per month j 1 time per day f 1 time per week k 2 or more times per day	a Less than 1 medium piece b 1 medium piece c More than 1 medium piece 110b. How often were the sweet muffins or dessert breads you ate light, low-fat, or fat-
108a. Each time you ate cookies or brownies , how much did you usually eat? a Less than 2 cookies or 1 small brownie b 2 to 4 cookies or 1 medium brownie c More than 4 cookies or 1 large brownie	a Almost never or never b About 1/2 of the time c About 1/3 of the time d About 3/4 of the time e Almost always or always
108b. How often were the cookies or brownies you ate light, low-fat, or fat-free cookies or brownies?	111. How often did you eat fruit crisp, cobbler, or strudel ? a NEVER (GO TO QUESTION 112)
a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always	b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day

Over the past 12 months	112e. How often were the pies you ate pecan pie ?
111a. Each time you ate fruit crisp , cobbler , or strudel , how much did you usually eat? a☐ Less than ½ cup b☐ ½ to 1 cup c☐ More than 1 cup	a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always
112. How often did you eat pie ?	113. How often did you eat chocolate candy ?
a NEVER (GO TO QUESTION 113) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 112a. Each time you ate pie, how much did you usually eat? a Less than 1/8 of a pie b About 1/8 of a pie c More than 1/8 of a pie The next four questions ask about the kinds of pie you ate. Please read all four questions before answering. 112b. How often were the pies you ate fruit pie (such as apple, blueberry, others)? a Almost never or never b About 1/4 of the time c About 1/2 of the time d About 3/4 of the time e Almost always or always	a NEVER (GO TO QUESTION 114) b 1-6 times per year g 2 times per week c 7-11 times per year b 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 113a. Each time you ate chocolate candy, how much did you usually eat? a Less than 1 average bar or less than 1 ounce b 1 average bar or 1 to 2 ounces c More than 1 average bar or more than 2 ounces 114. How often did you eat other candy? a NEVER (GO TO QUESTION 115) b 1-6 times per year g 2 times per week c 7-11 times per year h 3-4 times per week d 1 time per month i 5-6 times per week e 2-3 times per month j 1 time per day f 1 time per week k 2 or more times per day 114a. Each time you ate other candy, how much did you usually eat?
112c. How often were the pies you ate cream , pudding, custard, or meringue pie?	a Fewer than 2 pieces b 2 to 9 pieces c More than 9 pieces
a Almost never or never b About ¼ of the time c About ¾ of the time d About ¾ of the time e Almost always or always 112d. How often were the pies you ate pumpkin or sweet potato pie? a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time e Almost always or always	115. How often did you eat eggs, egg whites, or egg substitutes (NOT counting eggs in baked goods and desserts)? (Please include eggs in salads, quiche, and soufflés.) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

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	,
usually eat?	a NEVER (GO TO QUESTION 117)
a□ 1 egg	b Less than 1 cup per f 5–6 cups per week
ხ <mark>⊡ 2 eggs</mark>	month g 1 cup per day
c 3 or more eggs	c 1−3 cups per month h 2−3 cups per day
_	d 1 cup per week i 4−5 cups per day
115b. How often were the eggs you ate egg	e 2-4 cups per week j 6 or more cups per day
substitutes?	
Substitutes:	116a. How often was the coffee you drank
a Almost never or never	decaffeinated?
b About ¼ of the time	
c About ½ of the time	a Almost never or never
d About ¾ of the time	b About ¼ of the time
e Almost always or always	c About ½ of the time
e_ Allinost always of always	d About ¾ of the time
445a Haw after ware the earn year at any	e Almost always or always
115c. How often were the eggs you ate egg	7 amost amays or amays
whites only?	117. How many glasses of ICED tea, caffeinated or
_	decaffeinated, did you drink?
a Almost never or never	decalientated, did you diffix:
b About ¼ of the time	— □ NEVED (CO TO OUESTION 449)
$c \square$ About $\frac{1}{2}$ of the time	a NEVER (GO TO QUESTION 118)
$d \square$ About $rac{3}{4}$ of the time	
e Almost always or always	b Less than 1 cup per f 5–6 cups per week
	month g 1 cup per day
115d. How often were the eggs you ate regular	c 1−3 cups per month h 2−3 cups per day
whole eggs?	d 1 cup per week i 4−5 cups per day
00	e 2–4 cups per week j 6 or more cups per day
a ☐ Almost never or never	
b☐ About ¼ of the time	117a. How often was the iced tea you drank
c About ½ of the time	decaffeinated or herbal tea?
d About ¾ of the time	
e Almost always or always	a Almost never or never
7 milloot always of always	b About ¼ of the time
	c About ½ of the time
115e. How often were the eggs you ate cooked in	d About ¾ of the time
oil, butter, or margarine?	
on, butter, or margarine?	, , , , , , , , , , , , , , , , , , , ,
a Almost never or never	118. How many cups of HOT tea , caffeinated or
a Almost never of never b About ¼ of the time	decaffeinated, did you drink?
	,
c About ½ of the time	r a NEVER (GO TO QUESTION 119)
d About ¾ of the time	
e□ Almost always or always	b Less than 1 cup per f 5-6 cups per week
	month g 1 cup per week
115f. How often were the eggs you ate part of	c 1–3 cups per month h 2–3 cups per day
egg salad?	d 1 cup per week i 4–5 cups per day
a Almost never or never	e 2–4 cups per week j 6 or more cups per day
b☐ About ¼ of the time	440a Haw aften was the bet too you drowle
c About ½ of the time	118a. How often was the hot tea you drank
d About ¾ of the time	decaffeinated or herbal tea?
e☐ Almost always or always	
_ , ,	a Almost never or never
	b About ¼ of the time
	c About ½ of the time
Coppora	d About ¾ of the time
	e Almost always or always

Over the past 12 months	121b. What kind of non-dairy creamer did you usually use?
119. How often did you add sugar or honey to your coffee or tea?	a□ Regular powdered
□ a□ NEVER (GO TO QUESTION 120)	b□ Low-fat or fat-free powdered c□ Regular liquid d□ Low-fat or fat-free liquid
b Less than 1 time per month f 5-6 times per week g 1 time per day c 1-3 times per month h 2-3 times per day d 1 time per week i 4-5 times per day e 2-4 times per week j 6 or more times per day	122. How often was cream or half and half added to your coffee or tea? □ a□ NEVER (GO TO QUESTION 123)
119a. Each time sugar or honey was added to your coffee or tea, how much was usually added? a Less than 1 teaspoon b 1 to 3 teaspoons c More than 3 teaspoons	b Less than 1 time per f 5-6 times per week month g 1 time per day c 1-3 times per month h 2-3 times per day d 1 time per week i 4-5 times per day e 2-4 times per week j 6 or more times per day 122a. Each time cream or half and half was added to your coffee or tea, how much was
120. How often did you add artificial sweetener to your coffee or tea?	usually added?
a NEVER (GO TO QUESTION 121)	b 1 to 2 tablespoons c More than 2 tablespoons
b Less than 1 time per month f 5-6 times per week g 1 time per day c 1-3 times per month h 2-3 times per day d 1 time per week i 4-5 times per day e 2-4 times per week j 6 or more times per day	123. How often was milk added to your coffee or tea? □ a□ NEVER (GO TO QUESTION 124)
120a. What kind of artificial sweetener did you usually use?	b Less than 1 time per f 5–6 times per week month g 1 time per day c 1–3 times per month h 2–3 times per day
a ☐ Equal or aspartame b ☐ Sweet N Low or saccharin	d 1 time per week i 4−5 times per day e 2−4 times per week j 6 or more times per day
121. How often was non-dairy creamer added to your coffee or tea?	123a. Each time milk was added to your coffee or tea, how much was usually added?
a NEVER (GO TO QUESTION 122) b Less than 1 time per f 5-6 times per week month g 1 time per day c 1-3 times per month h 2-3 times per day d 1 time per week i 4-5 times per day e 2-4 times per week j 6 or more times per day 121a. Each time non-dairy creamer was added to your coffee or tea, how much was usually used? a Less than 1 teaspoon b 1 to 3 teaspoons c More than 3 teaspoons	a Less than 1 tablespoon b 1 to 3 tablespoons c More than 3 tablespoons 123b. What kind of milk was usually added to your coffee or tea? a Whole milk b 2% milk c 1% milk d Skim, nonfat, or ½% milk e Evaporated or condensed (canned) milk f Soy milk g Rice milk h Other

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.) □ □ □ NEVER (GO TO INTRODUCTION TO	a Almost never or never b About ¼ of the time c About ½ of the time d About ¾ of the time
a	a Almost always or always 126. Over the past 12 months, did you eat butter? □ a NO (GO TO QUESTION 127) □ YES □ 126a. How often was the butter you ate light or low-fat butter? □ About ¼ of the time □ About ¼ of the time □ Almost always or always 127. Over the past 12 months, did you eat mayonnaise or mayonnaise-type dressing? □ ANO (GO TO QUESTION 128) □ YES □ 127a. How often was the mayonnaise you ate regular-fat mayonnaise? □ Almost never or never □ About ¼ of the time □ About ¼ 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 □ 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 ¾ of the time □ Almost always or always

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?	a ☐ Almost never or never
	b About ¼ of the time
a Almost never or never	□ About ½ of the time
b☐ About ¼ of the time	d About ¾ of the time
c☐ About ½ of the time	e Almost always or always
d☐ About ¾ of the time	400 Over the most 40 mostly a did you get colod
e□ Almost always or always	130. Over the past 12 months, did you eat salad
100 Over the most 10 most be did you set soon	dressing?
128. Over the <u>past 12 months</u> , did you eat sour cream ?	a NO (GO TO INTRODUCTION TO QUESTION 131)
□ a□ NO (GO TO QUESTION 129)	b□ YES
b□ YES	
	130a. How often was the salad dressing you ate
▼	regular-fat salad dressing (including oil
128a. How often was the sour cream you ate	and vinegar dressing)?
regular-fat sour cream?	
109 141.00	a ☐ Almost never or never
a Almost never or never	b About ¼ of the time
b□ About ¼ of the time	c About ½ of the time
c About ½ of the time	d About ¾ of the time
d About ¾ of the time	e Almost always or always
e 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?
_	a Almost never or never
a Almost never or never	b About ¼ of the time
b☐ About ¼ of the time	c About ½ of the time
c About ½ of the time	d About ¾ of the time
d☐ About ¾ of the time	e Almost always or always
e Almost always or always	120a How often was the soled dressing you ato
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?
Cheese:	a Almost never or never
□ a□ NO (GO TO QUESTION 130)	b About ¼ of the time
	c About ½ of the time
b□ YES	d About ¾ of the time
▼	
129a. How often was the cream cheese you ate	The following two questions ask you to
regular-fat cream cheese?	summarize your usual intake of vegetables and
	fruits. Please do not include salads, potatoes, or
a Almost never or never	juices.
b About ¼ of the time	
c About ½ of the time	131. Over the past 12 months, how many servings of
d About ¾ of the time	vegetables (not including salad or potatoes) did
e Almost always or always	you eat per week or per day?
	a Less than 1 per week f 2 per day b 1-2 per week g 3 per day c 3-4 per week h 4 per day
	d 5–6 per week i 5 or more per day e 1 per day

5. 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.) 1 NO, didn't take any fiber supplements on a regular basis (GO TO QUESTION 136) 1 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) 5. 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)? a NO (GO TO INTRODUCTION TO QUESTION 138) b YES
 7. How often did you take <u>One-a-day-, Theragran-, or Centrum-type</u> multivitamins? a☐ Less than 1 day per month b☐ 1–3 days per month c☐ 1–3 days per week d☐ 4–6 days per week
e Every day 37a. Does your multivitamin usually contain minerals (such as iron, zinc, etc.)? a□ NO b□ YES c□ Don't know
37b. For how many years have you taken multivitamins? a Less than 1 year b 1-4 years c 5-9 years d 10 or more years
1

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 supplements other than your multivitamin?	□ a□ NEVER (GO TO QUESTION 140)		
a NO	b Less than 1 day per month c 1-3 days per month d 1-3 days per week e 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 the correct answer if you made any changes.	f Every day 139a. When you took Vitamin A , about how much did you take in one day? a Less than 8,000 IU b 8,000–9,999 IU c 10,000–14,999 IU d 15,000–24,999 IU e 25,000 IU or more f Don't know		
b☐ 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.	a Less than 1 year b 1-4 years c 5-9 years d 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)?	□ a□ NEVER (GO TO QUESTION 141)		
a NEVER (GO TO QUESTION 139) b Less than 1 day per month c 1-3 days per month d 1-3 days per week e 4-6 days per week f Every day 138a. When you took Beta-carotene , about how much did you take in one day? a Less than 10,000 IU b 10,000-14,999 IU c 15,000-19,999 IU d 20,000-24,999 IU e 25,000 IU or more f Don't know	b Less than 1 day per month c 1-3 days per month d 1-3 days per week e 4-6 days per week f Every day 140a. When you took Vitamin C, about how much did you take in one day? a Less than 500 mg b 500−999 mg c 1,000−1,499 mg d 1,500−1,999 mg e 2,000 mg or more f Don't know 140b. For how many years have you taken Vitamin C?		
138b. For how many years have you taken Betacarotene ? a Less than 1 year b 1-4 years c 5-9 years d 10 or more years	a Less than 1 year b 1-4 years c 5-9 years d 10 or more years		

Over the past 12 months	142b. For how many years have you taken	
AAA III	Calcium or Calcium-conta	ining antacids?
141. How often did you take Vitamin E (NOT as part		
of a multivitamin in Question 137)?	a Less than 1 year	
□ NEVED (00 TO 0UEOTION (40)	b 1–4 years	
□ a□ NEVER (GO TO QUESTION 142)	c 5–9 years d 10 or more years	
1. □ Loss than 1 day nor month	a to or more years	
b☐ Less than 1 day per month c☐ 1–3 days per month	The last two questions ask you about other	
d 1−3 days per month d 1−3 days per week	supplements you took more than once per week.	
e 4−6 days per week	supplements you took more than once per week.	
f Every day	143. Please mark any of the following	n sinale
	supplements you took more that	
141a. When you took Vitamin E , about how much	week (NOT as part of a multivitamin in Question	
did you take in one day?	137):	ariiir iir Quoonori
	107).	
a Less than 400 IU	1 ☐ B-6 1 ☐ Fo	olic acid/folate
b □ 400–799 IU		lucosamine
c□ 800–999 IU		ydroxytryptophan (HTP)
d 1,000 IU or more	1 ☐ Cod liver oil 1 ☐ Iro	
e□ Don't know	1 Coenzyme Q 1 Ni	
= .		elenium
141b. For how many years have you taken	(Omega-3 fatty acids) 1 ☐ Zii	nc
Vitamin E?	444 Diagram manily and of the fallowing	
	144. Please mark any of the following	
a Less than 1 year	botanical supplements you too	ok <u>more tnan</u>
b 1−4 years	once per week.	
c 5–9 years d 10 or more years	1 Aloe Vera 1 □ C	Singer
a to or more years		Ginger Ginkgo biloba
142. How often did you take Calcium or Calcium-		Ginseng (American or
containing antacids (NOT as part of a		Asian)
multivitamin in Question 137)?		Goldenseal
mainmain a quodidi 101).		Grapeseed extract
a NEVER (GO TO QUESTION 143)		Kava, kava
		Milk thistle
b☐ Less than 1 day per month		Saw palmetto
c 1−3 days per month		Siberian ginseng St. John's wort
d 1−3 days per week		/alerian
e 4−6 days per week	1□0	
f Every day	_	
142a Whan you took Calaium or Calaium		
142a. When you took Calcium or Calcium -	Thank you <u>very much</u> for completing	
containing antacids, about how much	questionnaire! Because we want to	
elemental calcium did you take in one day?	all the information you have provide	•
(If possible, please check the label for elemental calcium.)	greatly appreciate it if you would ple	
elemental calcium.)	moment to review each page making	g sure that you:
a□ Less than 500 mg		
a Less than 500 mg b 500–599 mg	Did not skip any pages and	
c 600–999 mg	Crossed out the incorrect answer and circled the	
d 1,000 mg or more	correct answer if you made any	y changes.
e Don't know		