

Harvard School of Public Health Department of Epidemiology 677 Huntington Avenue Boston, Massachusetts 02115 (617) 432-1480

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# Dear Colleague:

On behalf of our research group, I want to thank you again for the invaluable information you have provided in completing the Health Professionals Follow-up Study questionnaires. The response rate to our first follow-up questionnaire in 1988 was a remarkable 96%. This high rate of continued participation insures that the information you and your colleagues have so generously contributed will provide valid and credible data on the relation of diet and other lifestyle factors with heart disease, cancer, and other major illnesses. We are just finishing the documentation of diagnoses reported on the 1988 questionnaire; we are particularly grateful to those who gave permission to review medical records and pathology reports regarding these diagnoses. With this information, we have been able to apply uniform diagnostic criteria to the vast majority of cardiovascular and neoplastic illnesses that have occurred between 1986 and 1988. We have now started the initial analyses relating information reported on the 1986 questionnaire to subsequent incidence rates of coronary heart disease and other outcomes, which is the primary purpose of this study. As you are probably aware, the relationships of many aspects of diet with risk of cardiovascular disease and cancer remain unsettled; the questionnaires you are completing will provide critically needed data to help resolve these issues.

The attached 1990 questionnaire continues the crucial follow-up of this study. Most importantly, we request information about the diagnosis of specific diseases since January 1, 1988. A dietary questionnaire, similar to the one you completed in 1986, is also included to update our information on your current eating patterns. As we indicated before, all information provided on this questionnaire is strictly confidential and used for statistical purposes only.

Again, we are grateful for your continued participation in this research project. We will keep you informed of the findings as they emerge, in our forthcoming 1991 newsletter.

Sincerely,

Walter Willett

Walter Willett, M.D. Principal Investigator

## INSTRUCTIONS

Please use an ordinary pencil to answer all questions by completely filling in the appropriate response circle, or by writing the requested information if a space is provided. Because this form is meant to be read by optical-scanning equipment, it is important that you make no stray marks and keep any write-in responses within the provided spaces. Should you need to change a response, erase the incorrect mark completely. If you have comments, please write them on a separate piece of paper.



**EXAMPLE 1:** Work Status:

Fill circle completely, do not mark this way:

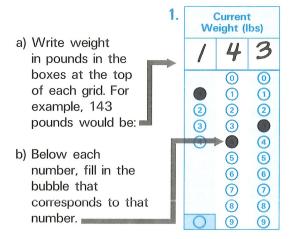


**EXAMPLE 2:** Please specify brand

and type: (e.g., Promise Extra Light) PROMISE EXTRA LIGHT

Keep handwriting within borders of the response box.

# **EXAMPLE 3:** Current weight:



Thank you for completing the 1990 Health Professionals Follow-up Study Questionnaire.

Please tear off the cover letter (to preserve confidentiality) and return the questionnaire in the enclosed prepaid envelope.

HARVARD UNIVERSITY
Health Professionals
Follow-up Study

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1. Current Weight (lbs)  2. What is the difference be 50 or more lbs. 30-49																					(a)		
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	3. <u>Current Marital Status:</u>							Married ODivorced/Separated Widowed ONever Alone OWith Wife OWith other Family Nursing H											_	dla a u	4		
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The first page in your of that of your land the page in the page i													and the same of the same of		Yes, for routine screening (b)								
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a rectal exam?											ONo O Yes, for symptoms O Yes, for routine screening										1000		
an eye exam? ONo OYes, for symptoms OYes, for routine screening  13. Have you ever had a colonoscopy or sigmoidoscopy?													(13										
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26. Not counting mu	ılti-vitar	nins, do yo	u take any	of the fol	llowing prepa	ration	3:										
a) Vitamin A No	~	seasonal only most months	Vac	Dose per day:	C Less that 8,000 II		) 8,000 12,00	to 0 IU	O 13,0 22,0	000 to		23,000 or more	IU (	) Don' knov			
b) Vitamin C No	~	seasonal only	Voc	Dose per day:	O Less the 400 mg		700 n		750 125	to 0 mg.		1300 m or more	g. (	Don' knov			
c) Vitamin B <sub>6</sub> No	O Yes		→ If <u>Yes</u> ,	Dose per day:	O Less that 10 mg.	an C	) 10 to 39 mg	J.	O 40 t			30 mg. or more		) Don'			
d) Vitamin E No	O Yes		→ If <u>Yes</u> ,	Dose per day:	O Less tha	an C	) 100 to		300			600 IU or more	(	) Don'	t (A)		
e) Calcium No	O Yes		→ If <u>Yes</u> ,	) Dose per	O Less that		) 400 to 900 n		O 901	to 0 mg.		1301 m	0	) Don'	t (1)		
(Include Calcium in Dolomit  f) Selenium  No	e and Tur	ms, etc.)	→ If <u>Yes</u> ,	day:  Dose per	O Less the	an (	) 80 to		O 140		02	260 mc	g. (	Don'	2		
g) Iron No	O Yes		→ If <u>Yes</u> ,	day: Dose per	O Less that		)51 to 200 n		O 201 400	to	04	101 mg	. (	Don's	t e		
h) Zinc ONo	O Yes		→ If <u>Yes</u> ,	day:  Dose per	51 mg.	an C	) 25 to		75 t	0	0	or more	. (	) Don'			
i) Fish Oil No	O Yes		→ If Yes,	day:  Dose per	25 mg.		74 mg. 100 mg. or mo							mg. O Don't			
(Omega-3 Fatty Acids)				day:	2500 m	ng.	4999	mg.	999	9 mg.	(	or more		knov	_		
27. How many teasp		) Coppe h day?		○ Mag	② ( )(	9 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	236 236	(a) (b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	6 7 (E	99							
28. What kind of co	ld breal			<b>sually eat?</b> d breakfast o			Spe	cify bran	ıd & type	23 ( A) (	$\begin{array}{c} 0 \\ 0 \\ 0 \\ \end{array}$	234	9 (5) (9 (5)	6 7 (6 6 7 (6			
															1		
29. For each food list how often on av				ng		Never		AVER	AGE U	SE LA	AST \	EAR			2		
amount specified						or les	s 1-3		2-4 per	5-6 per	1 per	2-3 per	4-5 per	6+ per	(P)		
			DAIRY	/ FOODS		per moi		h week		week	day	day	day	day			
			vfat milk (8					<u> </u>	0	O	(D)	0	0	0			
			(8 oz. glass)					W	0	0	(D)	0	0	0			
		Cream, e.g. Sour cream	coffee, whip	oped (Tbs)				(W)   (W)	0	0	(D)	0	0	0			
				(W)	0	Ö	0	Ö	0		- ŏ						
	/2 cup)			- W	0	Ö	(D)	Ö	0	0	$ \circ$						
		Ice cream (			, <u>_ 54</u> P/	1		(W)	Ö	ŏ	0	Ŏ	Ö	Õ	ŏ.		
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		C		<u></u>	O	Ŏ	0	Ŏ	Ö	Ŏ	0						
	rican, chedda e or 1 oz. se	ır, etc., plain or rving)	C	0	(W)	0	0	D	0	0	0						
01234567	89	Margarine (		to food or br	ead; exclude	C	) (	(W)	0	0	0	0	0	0	0		
01234567 01234567 01234567	89	Butter (pat) in cooking	, added to fo	ed to food or bread; exclude use			0	00	0	0	D	0	0	0	0		
										What s	pecific h	rand and t	vpe?				
		29A. Wha	at form of n	nargarine do	you usually u	se? —				(e	g., Prom	ise Extra I	_ight)		29		
PLEASE TURN TO PAG	E 4	01		Stick  'Lite' stick			) lmitati	on (Low	/-Cal)						(a) <b>(b)</b>		

Page 4 29. (Continued) Please fill in your average use, Never, or less 1-3 2-4 5-6 2-3 4-5 6+ during the past year, of each specified food. than once per per per per per per per per **FRUITS** per month month week week week day day day day Raisins (1 oz. or small pack) or grapes (D) (W) 0 0 O Prunes (1/2 cup or 7 fruit) 0 W 0 (D) 0 0 Please try to Bananas (1) 0 0 (W) 0  $\circ$ (D) 0 0  $\bigcirc$ average your (W) Cantaloupe (1/4 melon) (D)  $\bigcirc$  $\bigcirc$ seasonal use Watermelon (1 slice) (W)  $\bigcirc$  $\bigcirc$ (D) 0 of foods over 0 (W) Fresh apples or pears (1) 0 (D) 0 the entire year. (W) Applesauce (1/2 cup) 0 0 0 (D)  $\circ$ 0 0 0 For example, if a food such as Apple juice or cider (small glass)  $\bigcirc$ 0 W 0  $\bigcirc$ (D) 0 0 cantaloupe is Oranges (1) 0 0 (W) 0 0 (D) 0 0 eaten 4 times a 0 W Orange juice (small glass) (D) 0 0 0 week during the Grapefruit (1/2) 0 0 W 0 (D) 0 0  $\bigcirc$  $\bigcirc$ approximate 3 Grapefruit juice (small glass) 0 W (D) 0 0 0 months that it is 0 0 (W) (D) 0 Other fruit juices (small glass) 0 0 in season, then Strawberries, fresh, frozen or canned (1/2 cup) 0 0 W (D)  $\bigcirc$ 0  $\bigcirc$  $\bigcirc$ the average use Blueberries, fresh, frozen or canned (1/2 cup) (W) (D) 0  $\bigcirc$ 0  $\bigcirc$  $\bigcirc$ would be once () $\bigcirc$ Peaches, apricots or plums (1 fresh, (VV) per week. (D) 0 or 1/2 cup canned) Never, 1-3 2-4 5-6 2-3 4-5 6+ or less than once per per per per per per per per **VEGETABLES** per month month week week week day day day day Tomatoes (1) (W) (D) 0  $\bigcirc$  $\bigcirc$ 0 Tomato juice (small glass) 0 0 W  $\bigcirc$ 0 (D) 0 0 0 Tomato sauce (1/2 cup) e.g. spaghetti sauce 0 0 W  $\bigcirc$ 0 (D) 0 0 0 0 Red chili sauce W 0 (D) 0 0 0 (W) Tofu or soybeans (3-4 oz.) (D) 0  $\bigcirc$  $\bigcirc$  $\bigcirc$ 0 ()String beans (1/2 cup)  $\bigcirc$ (W) (D) 0 0 0 W (D) 0 0 Broccoli (1/2 cup) 0  $\bigcirc$ Cabbage or cole slaw (1/2 cup) 0 0 W  $\bigcirc$ 0 (D) 0 0 0 W 0 Cauliflower (1/2 cup) 0 0  $\bigcirc$ (D) 0 0 0 (W) 0 0 Brussels sprouts (1/2 cup)  $\bigcirc$ 0 (D) 0 Carrots, raw (1/2 carrot or 2-4 sticks) 0 0 0 (W) (D) Carrots, cooked (1/2 cup) 0 0 (W) 0 0 (D) 0 0 0 Corn (1 ear or 1/2 cup frozen or canned) 0  $\bigcirc$ (W) 0 (D) 0 0 Peas, or lima beans (1/2 cup fresh, frozen, canned) 0 0 W 0 0 (D) 0 0 0 W (D) 0 Mixed vegetables (1/2 cup) Beans or lentils, baked or dried (1/2 cup) (W) (D)  $\bigcirc$  $\bigcirc$  $\bigcirc$  $\bigcirc$ 0 0  $\bigcirc$ (W) Dark orange (winter) squash (1/2 cup) 0 (D) 0 Eggplant, zucchini or other summer squash (1/2 cup) (W) (D) 0 0 W (D) Yams or sweet potatoes (1/2 cup) 0 0 0 0 0 0 0 Spinach, cooked (1/2 cup) (W) 0 0 (D) 0 0 Spinach, raw as in salad (W) (D) 0 0 0 Kale, mustard or chard greens (1/2 cup) 0  $\bigcirc$ (W) 0 0 (D) 0 0 0 Iceberg or head lettuce (serving) 0 (W) (D) 0 0  $\bigcirc$ 0  $\bigcirc$ 0 0 Romaine or leaf lettuce (serving) 0 0 (W) 0 0 (D) 0 0 Celery (4" stick) W (D) 0 Beets (1/2 cup) W (D) 0  $\bigcirc$  $\bigcirc$  $\bigcirc$  $\bigcirc$ Onions as a garnish (1 slice)  $\bigcirc$ (W) (D) (W) (D) Onions as a vegetable, rings or soup (1 onion) Never, 2-4 2-3 1-3 5-6 1 4-5 6+ or less than once per per per per per per per per EGGS, MEAT, ETC. day day day per month month week week week day Eggs (1) W (D) 0 0 0  $\bigcirc$ Chicken or turkey, with skin (4-6 oz.) (W) (D)  $\bigcirc$  $\bigcirc$ 0 0 0 0  $\bigcirc$ Chicken or turkey, without skin (4-6 oz.) 0 0 (W) 0 0 (D) 0 0 0 Bacon (2 slices) (W) (D)

(W)

(D)

Hot dogs (1)

		and the second s	1.00								(5.41) L		N DU-
		n your <u>average</u> use, f each specified food.	01	ever, less	1-3 per	1 per	2-4 per	5-6 per	1 per	2-3 per	4-5 per	6+ per	(b)
		EGGS, MEATS ETC. (continued)		month	month	week	week	week	day	day	day	day	P
		Processed meats, e.g. sausage, salami, bologna, etc. (piece or slice)		0	0	(W)	0	0	0	0	0	0	C
		Hamburger (1 patty)		0	0	W	0	0	D	0	0	0	C
		Beef, pork, or lamb as a sandwich or mixed dish, e.g. stew, casserole, lasagne, etc.		0	0	(W)	0	0	0	0	0	0	C
		Pork as a main dish, e.g. ham or chops (4-6 oz.)		0	0	W	0	0	D	0	0	0	C
		Beef or lamb as a main dish, e.g. steak, roast (4-6 oz.)		0	0	(W)	0	0	(D)	0	0	0	C
		Canned tuna fish (3-4 oz.)		0	0	W	0	0	(D)	0	0	0	C
		Dark meat fish, e.g. mackerel, salmon, sardines, bluefish, swordfish (3-5 oz.)		0	0	(W)	0	0	0	0	0	0	C
		Other fish (3-5 oz.)		0	0	W	0	0	(D)	0	0	0	C
		Shrimp, lobster, scallops as a main dish		0	0	W	0	0	(D)	0	0	0	C
			or	ever, less	1-3 per	1 per	2-4 per	5-6 per	1 per	2-3 per	4-5 per	6+ per	$\bigcirc$
		BREADS, CEREALS, STARCHES	per	month	month	week	week	week	day	day	day	day	P
		Cold breakfast cereal (1 cup)		0	Ö	(W)	Ö	O	0	O	0	O	C
		Cooked oatmeal/cooked oat bran (1 cup)		0	0	(W)	0	0	(D)	0	0	0	C
		Other cooked breakfast cereal (1 cup)		0	0	(W)	0	0	0	0	0	0	0
		White bread (slice), including pita bread  Dark bread (slice), including wheat pita bread		0	0	(W) (W)	0	0	(D)	0	0	0	
		English muffins, bagels, or rolls (1)		0	Ö	(W)	0	0	(b)	0	0	0	
		Muffins or biscuits (1)		0	Ö	(W)	Ö	Ö	0	0	Ö	Ö	Ö
		Brown rice (1 cup)		Ö	ŏ	(W)	Ö	ŏ	0	Ö	Ö	O	Ö
		White rice (1 cup)		Ŏ	ŏ	W W	ŏ	Ŏ	0	Ŏ	Ŏ	ŏ	Č
		Pasta, e.g. spaghetti, noodles, etc. (1 cup)		Ŏ	Ŏ	w w	Ŏ	Ŏ	0	Ŏ	Ŏ	Ŏ	Ŏ
		Other grains, e.g. bulgar, kasha, couscous, etc. (1 cup)		Ö	Ö	<b>(W)</b>	Ö	O	0	Ö	O	O	Č
		Pancakes or waffles (serving)		0	0	W	0	0	D	0	0	0	0
		French fried potatoes (4 oz.)		0	0	W	0	0	0	0	0	0	C
		Potatoes, baked boiled (1) or mashed (1 cup)		0	0	W	0	0	D	0	0	0	0
		Potato chips or corn chips (small bag or 1 oz.)		0	0	(W)	0	0	0	0	0	0	O
		Crackers, Triscuits, Wheat Thins (1)		0	0	(W)	0	0	<u>0</u>	0	0	0	O
		Pizza (2 slices)		0	0	(W)	0	0	<b>(D)</b>	0	0	0	0
				ever,	4.0		0.4	F 0	4	0.0	4.5		00
				less once	1-3 per	1 per	2-4 per	5-6 per	1 per	2-3 per	4-5 per	6+ per	
		BEVERAGES	per	month	month	week	week	week	day	day	day	day	P
CARBONATED BEVERAGES	Low-Calorie	Low-calorie cola, e.g. Tab with caffeine	10.0	$\frac{\circ}{\circ}$	0	(W)	0	0	0	0	0	0	0
DE VENAGES	(sugar-free)	Low-calorie caffeine-free cola, e.g. Pepsi Free Other low-calorie carbonated beverage, e.g.		0	0	(W)	0	0	(D)	0	0	0	0
Consider the	types	Fresca, Diet 7-Up, diet ginger ale						0		0	0		
serving size as 1 glass, bottle or	Regular types	Coke, Pepsi, or other cola with sugar		0	0	W	0	0	D	0	0	0	0
can for these	(not sugar-	Caffeine Free Coke, Pepsi, or other cola with sugar		Ŏ	Ŏ	©	Ŏ	Ö	0	Ö	Ö	Ŏ	Ŏ
carbonated beverages.	free)	Other carbonated beverage with sugar, e.g. 7-Up		Ŏ	Ŏ	W	Ŏ	Ŏ	0	Ŏ	Ŏ	Ö	Ŏ
В	OTHER EVERAGES	Hawaiian Punch, lemonade, or other non- carbonated fruit drinks (1 glass, bottle, can)		0	0	(W)	0	0	0	0	0	0	0
		Beer (1 glass, bottle, can)		0	0	W	0	0	(D)	0	0	0	0
		Red wine (4 oz. glass)		0	0	W	0	0	<b>(D)</b>	0	0	0	0
		White wine (4 oz. glass)		0	0	W	0	0	0	0	0	0	0
		Liquor, e.g. whiskey, gin, etc. (1 drink or shot)		0	0	(W)	0	0	0	0	0	0	0
		Plain water, bottled or tap (1 cup or glass)		0	0	(W)	0	0	(D)	0	0	0	O
		Tea (1 cup), not herbal teas		0	0	(W)	0	0	0	0	0	9	0
29b.		Decaffeinated coffee (1 cup)		0	0	(W)	0	0	(D)	0	0	0	0
ເສຍ. Jsual Method of )	Decaffeinated:	Coffee with caffeine (1 cup)  Mainly filtered  Mainly instant  Main	ly er	nresso	or no		4	) No us		thod /d	lon't kr		0
Disual Iviethod of	Coffeinet - I	Mainly filtered Wainly instant Wain	,	hi 6220	or per	colate	u (	No us	ual IIIe	the -! /-!	OII L KI	1000	2

29.	(Continued) Please fill in your <u>average</u> use, <u>during</u> <u>the past year</u> , of each	Never,	T		Τ						7						
	specified food.	or less than one		1 per	2-4 per	5-6 per	1 per	2-3 per	4-5 per	6+ per	01						
	SWEETS, BAKED GOODS, MISCELLANEOUS	per mont		week		week	day	day	day	day	00		3	4 6	) (6)	7 8	9
	Chocolate (bar or packet) e.g. Hershey', M & M's	0	0	(W)	0	0	0	0	0	0	OP	1000					0
	Candy bars, e.g. Snickers, Milky Way, Reeses	0	0	W	0	0	0	0	0	0	0	6					O
	Candy without chocolate (1 oz.)	0	0	W	0	0	0	0	0	0	0				(A)		
	Cookies, home baked (1)	0	0	(W)	0	0	0	0	0	0	0				(A)		
	Cookies, ready made (1)	0	0	W	0	0	0	0	0	0	0				(B)		
	Brownies (1)	0	0	W	0	0	0	0	0	0	0				000		
	Doughnuts (1)	0	0	W	0	0	0	0	0	0	0				000		
	Cake, home baked (slice)	0	0	W	0	O	0	0	O	0	0				000		
	Cake, ready made (slice)	0	Ŏ	(W)	O	O	0	O	Ö	0	0				) @ (		
	Pie, homemade (slice)	0	l Ö	(W)	O	0	0	0	0	0	0				9/4		
	Pie, ready made (slice)	O	O	(W)	O	0	0	0	O	0	0				000		
	Sweet roll, coffee cake or other pastry, home baked (serving)	0	0	W	0	0	0	0	0	0	0				(a) (a) (b)		
	Sweet roll, coffee cake or other pastry, ready made (serving)	0	0	(W)	0	0	0	0	0	0	0	00	B	BB	B(	BB	(B)
	Jams, jellies, preserves, syrup, or honey (1 Tbs)	0	0	W	0	0	0	0	0	0	0		0.00		(A)	200	
	Peanut butter (1 Tbs)	O	0	(W)	0	0	0	0	0	0	0				B (		
	Popcorn (1 cup)	0	0	W	0	0	(D)	0	0	0	0				0		
	Peanuts (small packet or 1 oz.)	0	0	W	0	0	(D)	0	0	0	0				0/3		
	Other nuts (small packet or 1 oz.)	0	0	W	0	0	0	0	0	0	0	0	4	44	0/4	4)4	(4)
	Oat bran, added to food (1 Tbs)	0	0	(W)	0	0	<b>(D)</b>	0	0	0	0	0	(5)	5 5	0/2	5 (5	(5)
	Other bran, added to food (1 Tbs)	0	0	W	0	0	(D)	0	0	0	0	0	6	66	3/4)	6	6
	Wheat germ, (1 Tbs)	0	0	W	0	0	(D)	0	0	0	0				000		
	Chowder or cream soup (1 cup)	0	0	W	0	0	0	0	0	0	0				2		
	Olive oil salad dressings (1 Tbs)	0	0	W	0	0	<b>(D)</b>	0	0	0	0	0	9	99	3(	90	9
	Oil and vinegar dressing, e.g. Italian (1 Tbs)	0	0	W	0	0	<b>(D)</b>	0	0	0	0	0					
	Mayonnaise or other creamy salad dressing (1 Tbs)		0	W	0	0	0	0	0	0	0				0		
	Salt added at table (1 shake)			W	0	0	(D)		0	0	0				(A)		
		O Less t			0 1/m		2-3	,	) 1/we						(B)		
	Liver: chicken or turkey (1 oz) Never (	O Less t	han 1/m	no (	) 1/m	10 (	2-3	mo (	) 1/we	eek o	r more				000		
															000		
31.	When you have beef or lamb as a main dish, how well done is the meat cooked?  Rare														000		
	Rare Medium rare Medium	_	Medium			) Well					eaten				000		
32.	How often do you eat meat that was charred d					_									99 (		
	Never Less than 1/mo 1/m	no	$O_2$	2-3/m	0	01	/week		O 2-	+/we	ek	-		F	000	Country of the last of the las	
												(33)	(8)	8)(8	2	8)(8	(8)
ა.	Remove all visible fat on your beef, pork							nono	OD	on't	not most		0	00	0	00	0
2/1	What kind of fat is usually used for frying and		move sm							OIILE	eat meat	(34)	9	90	3(		
54.	Real butter Margarine		Vegetak		_	ram /egetak				0	Lard	(S4)					
25	What kind of fat is usually used for baking at h		vegetai	JIE OII	01	regetat	3110	termig			Laiu	(35)				200	2
υ.	Real butter Margarine		Vegetak	ale oil	01	/egetak	ale sho	rtenina			Lard	8					3
26	How often do you eat food that is fried at hom						JIC 31101	termig			Lara	(36)					4
	Less than once a week (	1-3 tir	nes per	week	(	<b>)</b> 4-6			ek	0	Daily	Ĭ				(5	(5)
37.	How often do you eat fried food away from ho					_			.1.		D-ile	(37)					(6)
		1-3 tir	nes per	week		) 4-6	times p	per we	ек	0	Daily	60					0
88.	What type of cooking oil is usually used at hom	CONTRACTOR OF THE PARTY OF		<b>&gt;</b>								(38)					) (3 ) (9
	(e.g. Wlazola Corn Oil)		orand and t		.1		11				1.1				1899	-	3
s9.	Are there any other important foods that you u eat at least once per week?	isually	Other foods that you usually eat at least once per week servin										Э		erving er wee		-
	Include for example: Paté, tortillas, yeast, cream		(a)														
	sauce, custard, radishes, fava beans, carrot juice, coconut, avocado, mango, horseradish, parsnips,		(b)														
	rhubarb, papaya, dried apricots, dates, figs.	-	(c)														-
	(Do not include dry spices and do not list somethin	ng	(d)														
	that has been listed in the previous sections.)																