# **Canadian Study of Diet and Health**



## **Memorial University of Newfoundland**

### Who this questionnaire is for and what it asks about:

This questionnaire is to be completed by the person taking part in this study:

Part I asks about the foods you ate OVER THE PAST 12 MONTHS.

Part II asks about vitamins and other dietary supplements that you may have used.

If possible, please return this questionnaire within two weeks.

The completed questionnaire should be sealed in the pre-paid envelope and mailed back to:

Health Research Unit,
Room 2801A, Division of Community Health & Humanities,
Medicine, Health Science Centre,
300 Prince Phillip Drive,
St. John's, NL, Canada, A1B 3V6

If you have any questions about this form or the study, please do not hesitate to contact with us with <u>709-777-2043</u>; leave your question when the answering machine indicates and someone will get back to you within the day.

The information given to us in this questionnaire will be kept confidential.

Thank you for your time and assistance.

#### HOW TO COMPLETE THIS QUESTIONNAIRE

We would like to know how often you ate certain foods **OVER THE PAST 12 MONTHS**, and their amounts.

### Section A (lists foods and portion sizes)

Amounts are described in various ways, including the number of:

cups, teaspoons (tsp), ounces (oz), inches ("), pieces (e.g., 1 apple)

grams (gm), tablespoons (tbsp), millilitres (ml), centimetres (cm).

We want to know the *Portion Size* of your **USUAL SERVING.** We have given an example of an average portion size in the attached pamphlet. If your portion size was different than the average, you can indicate this by putting an **X** or  $\blacksquare$  in the circles for *Smaller* or *Larger* portion sizes. *Smaller* than average is about 25% or less than the average portion size, while *Larger* than average is about 25% or more than the average size. Leave the circle blank if your typical portion size was average.

One part of the attached pamphlet shows small, medium and large portion sizes for vegetables, meat and chicken. Some questions ask you to refer to the photos to help you figure out correct *Food Portion Size*.

#### <u>Section B</u> (asks about how often you ate certain foods <u>OVER THE PAST 12 MONTHS</u>)

For each food item listed, choose **one** column (Per Day, Per Week, Per Month, or Never / Rarely) that best describes *HOW OFTEN* you ate or drank that item. For example, if you ate CREAM CHEESE 3 times a month during the year of interest, you would write (3) in the *PER MONTH* column. If you ate SWEET POTATOES only 2 times during the year of interest, you can place a checkmark (1) in *the NEVER OR RARELY* column.

#### <u>Section C</u> (To be completed only for seasonal foods)

Some foods (for example fresh fruit and vegetables) are not available throughout the year. **For foods that you do not eat all year round** (i.e. in season only), indicate the number of months of the year that you ate them.

Please complete each question as best you can. We know that it is difficult to recall exactly how often you ate something. If you are not certain, try to give your best estimate. If you need help completing the FFQ please call (709)-777-2043. If the call is outside the St. John's area you can call collect.

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	Section   Section	n A			Section B				Section C
					OVEF				
	FOOD Section	Average Portion Size	Por Size,	our tion if NOT rage	HOW OFTEN? (Complete one column only)			If Ate Food in Season Only	
			Smaller	Larger	per DAY (enter a number)	per WEEK (enter a number)	per MONTH (enter a number)	NEVER or RARELY (check)	enter Months per Year
1	CREAM CHEESE	2 tbsp/ 30 ml/ 1 oz	0	0			3		
2	CANTELOUPE	1/8 or 1 slice	0	0		1			4
3	SWEET POTATOES	1 medium/ ½ cup	0	0				$\sqrt{}$	

	Section	n A			OVE	Sect	ion B	NTHS	Section C
	FOOD	Average Portion Size	Yo Port Size, i Aver	ion f NOT			FTEN?		If Ate Food In Season Only
			Smaller	Larger	per DAY (enter a number)	per <b>WEEK</b> (enter a number)	per MONTH (enter a number)	NEVER or RARELY (check)	enter Months per Year
	Beverages			-					
1	WHOLE MILK (any, include if in cereal & drinks)	1 cup/ 250 ml	0	0					
2	2% MILK, 2% Evaporated milk (any, if in cereal & drinks)	1 cup/ 250 ml	0	0					
3	SKIM MILK, 1% MILK (any, include if in cereal & drinks)	1 cup/ 250 ml	0	0					
4	MILK SHAKE	1 cup/ 250 ml	0	0					
5	YOGURT DRINK	1 cup/ 250 ml	0	0					
6	COFFEE (not decaffeinated)	1 cup/ 250 ml	0	0					
7	COFFEE (decaffeinated)	1 cup/ 250 ml	0	0					
8	TEA (not herbal)	1 cup/ 250 ml	0	0					
9	TEA (herbal)	1 cup/ 250 ml	0	0					
10	SUGAR (in tea and coffee)	1tsp or 1 cube	0	0					
11	COCA COLA, PEPSI, OTHER COLA	1 cup/ 250 ml	0	0					
12	DIET SOFT DRINKS	1 cup/ 250 ml	0	0					
13	OTHER SOFT DRINKS (not dietetic or cola)	1 cup/ 250 ml	0	0					
14	ORANGE or GRAPEFRUIT JUICE	<sup>3</sup> ⁄ <sub>4</sub> cup/ 175 ml	0	0					
15	APPLE or GRAPE JUICE	3/4 cup/ 175 ml	0	0					
16	OTHER FRUIT JUCES (pineapple, cranberry, etc)	<sup>3</sup> / <sub>4</sub> cup/ 175 ml	0	0					
17	FRUIT DRINK/ LEMONADE	<sup>3</sup> ⁄ <sub>4</sub> cup/ 175 ml	0	0					
18	FRUIT DRINKS, ICED TEA	¾ cup/ 175 ml	0	0					
19	VEGTABLE JUICES	3/4 cup/ 175 ml	0	0					
20	BEER or ALE	335 ml/ 1 bottle	0	0					
21	WHITE WINE	150 ml / 5 oz	0	0					
22	RED WINE, SHERRY, PORT (or other fortified wine)	150 ml / 5 oz	0	0					

	Section	n A			OVER	Sect	ion B ST 12 MO	NTHS	Section C
	FOOD	Average Portion Size	Por Size, i	our tion if NOT rage	(Com	HOW C	<b>PFTEN?</b> e column	only)	If Ate Food In Season Only
			Smaller	Larger	per DAY (enter a number)	per <b>WEEK</b> (enter a number)	per MONTH (enter a number)	NEVER or RARELY (check)	enter Months per Year
23	LIQUOR (for example, whiskey, rum etc)	45 ml/ 1.5 oz	0	0					
	Dairy Products								
24	EGG (boiled, poached)	1 medium	0	0					
25	EGG (fried, scrambled, omelette)	1 medium	0	0					
26	CREAM CHEESE, Regular fat	2 tbsp/ 30 ml/ 1 oz	0	0					
27	CHEESE, Regular fat (such as cheddar, Swiss, processed)	1 slice/ 30 g/ 1oz	0	0					
28	CHEESE, Light (6-15% fat, such as cream cheese, cheddar)	1 slice/ 30 g/ 1oz	0	0					
29	CHEESE, Ultra Light (5% fat or less, such as cheddar)	1 slice/ 30 g/ 1oz	0	0					
30	COTTAGE or RICOTTA CHEESE	125 ml/ ½ cup	0	0					
31	CREAM (coffee, whipping, sour or regular)	1 tbsp/ 15 ml	0	0					
32	CREAM (half and half, light sour cream )	1 tbsp/ 15 ml	0	0					
33	COFFEE WHITENER (non-dairy)	1 tbsp/ 15 ml	0	Ο					
34	YOGURT, Regular (plain, 2.4% fat or more)	6 oz/ 170 g	0	0					
35	YOGURT, Light (plain, less than 2.4% fat)	6 oz/ 170 g	0	0					
36	YOGURT, Regular (fruit flavoured or frozen, 2.4% fat or more)	6 oz/ 170 g	0	0					
37	YOGURT, Light (fruit flavoured or frozen, less than 2.4% fat)	6 oz/ 170 g	0	0					
	Mixed Dishes								
38	SOUPS (creamed)	1 cup/ 250 ml	0	0					
39	SOUPS (non-creamed)	1 cup/ 250 ml	0	0					
40	PEA SOUP	1 cup/ 250 ml	0	0					
41	PASTA with meat sauce (spaghetti, lasagna)	1 cup/ 250 ml	0	0					
42	PASTA with tomato sauce (spaghetti)	1 cup/ 250 ml	0	0					
43	MIXED DISHES with cheese or cheese sauce (macaroni and cheese)	1 cup/ 250 ml	0	0					
44	PIZZA with meat	1 medium slice	0	0					

	Section	n A			OVER	NTHS	Section C		
	FOOD	Average Portion Size	Yo Por Size, i Ave	tion f NOT	(Com		<b>PFTEN?</b> e column	only)	If Ate Food In Season Only
			Smaller	Larger	per <b>DAY</b> (enter a number)	per <b>WEEK</b> (enter a number)	per MONTH (enter a number)	NEVER or RARELY (check)	enter Months per Year
45	PIZZA with vegetable only	1 medium slice	0	0					
46	MEAT STEW with carrots, other vegetables	1 cup/ 250 ml/ photo A, medium	0	0					
47	CHILI with meat or Con Carne	1 cup/ 250 ml	0	0					
	Vegetables		I				<u> </u>		
48	POTATOES (mashed, boiled, baked etc)	1 medium/ ½ cup/ 125 ml	0	0					
49	FRENCH FRIES or FRIED POTATOES	1 cup/ 250 ml	0	0					
50	CARROTS (raw or cooked)	1 medium/ ½ cup /125 ml	0	0					
51	BROCCOLI	1 cup/ 250 ml	0	0					
52	CABBAGE, COLESLAW	½ cup/ 125 ml	0	0					
53	CAULIFLOWER	½ cup/125 ml	0	0					
54	CORN	1 ear / ½ cup	0	0					
55	PEAS or LIMA BEANS	½ cup/125 ml	0	0					
56	GREEN or YELLOW BEANS	½ cup/125 ml	0	0					
57	BEANS or LENTILS (baked or boiled beans, kidney beans, chickpeas)	½ cup/125 ml cooked	0	0					
58	SPINACH and other green leafy vegetables (greens, collards, kale, mustard greens etc)	½ cup cooked or 1 cup raw	0	0					
59	GREEN SALAD (with lettuce)	1 cup/ 250 ml	0	0					
60	CUCUMBER	½ cup/ 125 ml sliced	0	0					
61	TOMATOES (fresh)	1 medium/ ½ cup/ 125 ml	0	0					
62	TOMATOES (canned, pureed or sauce)	½ cup/125 ml	0	0					
63	ONIONS (raw or cooked)	½ cup/125 ml	0	0					
64	BEETS (boiled or pickled)	½ cup/125 ml	0	0					
65	TURNIPS or RUTABAGAS	1 medium/ ½ cup/125 ml	0	0					
66	OTHER ROOT VEGETABLES (sweet potatoes, yams, radish, etc)	½ cup/125 ml	0	0					

	Section	n A			OVEF	NTHS	Section C		
	FOOD	Average Portion Size	Por Size, i	our tion if NOT rage	(Com		<b>PFTEN?</b> e column	only)	If Ate Food In Season Only
			Smaller	Larger	per <b>DAY</b> (enter a number)	per <b>WEEK</b> (enter a number)	per MONTH (enter a number)	NEVER or RARELY (check)	enter Months per Year
67	YELLOW SQUASH (winter type)	½ cup/125 ml	0	0					
68	ZUCCHINI or EGGPLANT	½ cup/125 ml	0	0					
69	SWEET PEPPER (green, red or yellow)	½ cup/125 ml	0	0					
70	ASPARAGUS or BRUSSEL SPROUTS	½ cup/125 ml	0	0					
71	BEAN SPROUTS, ALFALFA SPROUTS	½ cup/125 ml	0	0					
72	PICKLES, RELISH	1 dill/ 2 tbsp	0	0					
73	AVOCADO	½ medium	0	0					
74	OTHER VEGETABLES (celery, mushrooms, etc., raw or cooked)	½ cup/125 ml	0	0					
	Meats and Fish								
75	GROUND BEEF, Regular (hamburger, meat loaf, in casseroles etc)	85 g/ 3 oz/ 3" patty	O 2 oz	O 4 oz					
76	GROUND BEEF, Medium (hamburger, meat loaf, in casseroles etc)	85 g/ 3 oz/ 3" patty	O 2 oz	O 4 oz					
77	GROUND BEEF, Lean (hamburger, meat loaf, in casseroles etc)	85 g/ 3 oz/ 3" patty	O 2 oz	O 4 oz					
78	ROAST BEEF	photo B, medium	0	0					
79	STEAK	photo B, medium	0	0					
80	PORK CHOP	photo B, medium	0	0					
81	ROAST PORK	photo B, medium	0	0					
82	BAKED HAM	photo B, medium	0	0					
83	BACON	2 slices	0	0					
84	VEAL	photo B, medium	0	0					
85	LAMB	photo B, medium	0	0					
86	HOT DOG or WIENER (Enter buns/rolls under item 116)	1 hot dog/ 2 oz	0	0					
87	SAUSAGE	85 g/ 3 oz	0	0					
88	CORNED BEEF	1 slice	0	0					

	Section A						ion B ST 12 MO	NTHS	Section C
	FOOD	Average Portion Size	Por Size,	our rtion if NOT rage			FTEN?		If Ate Food In Season Only
			Smaller	· Larger	per DAY (enter a number)	per <b>WEEK</b> (enter a number)	per <b>MONTH</b> (enter a number)	NEVER or RARELY (check)	enter Months per Year
89	COLDCUTS (ham, salami, bologna, etc)	1 medium slice/ 30g/ 1 oz	0	0					
90	LIVER	85 g/ 3 oz	0	0					
91	FRIED CHICKEN	photo C, medium	0	0					
92	CHICKEN / TURKEY (roasted or stewed)	photo C, medium	0	0					
93	CHICKEN / TURKEY, SKIN REMOVED	photo C, medium	0	0					
94	SALTED/ DRIED MEAT	photo C, small	0	0					
95	PICKLED MEAT (brined)	photo C, small	0	0					
96	SHELLFISH (shrimp, lobster, crab)	85 g/ 3 oz/ photo C, small	0	0					
97	FRIED FISH	170 g/ 6 oz/ photo B, medium	0	0					
98	FISH (baked or broiled)	170 g/ 6 oz/ photo B, medium	0	0					
99	CANNED FISH (tuna, salmon)	½ can/ 48 ml/ 1.7 oz	0	0					
100	SMOKED FISH or LOX	85 g/ 3 oz/ photo C, small	0	0					
101	SALTED/ DRIED FISH	85 g/ 3 oz/ photo C, small	0	0					
102	PICKLED FISH	85 g/ 3 oz/ photo C, small	0	0					
103	SEA-BIRDS, SEAL	85 g/ 3 oz/ photo C, small	0	0					
104	CARIBOU, MOOSE	85 g/ 3 oz/ photo C, small	0	0					
105	PARTRIDGE, OTHER WILD BIRDS	85 g/ 3 oz/ photo C, small	0	0					
	Cereals and Grains								
106	BRAN or GRANOLA CEREALS (including All Bran)	½ cup/ 125 ml	0	0					
107	WHOLE WHEAT CEREALS (such as shredded wheat)	½ cup/ 125 ml/ 1 biscuit	0	0					
108	CEREALS, NOT SUGAR COATED (such as Special K)	½ cup/ 125 ml	0	0					
109	HOT CEREALS (for example: oatmeal)	½ cup/ 125 ml	0	0					
110	SUGAR COATED CEREALS	½ cup/ 125 ml	0	0					
111	OTHER BREAKFAST CEREALS	½ cup/ 125 ml	0	0					

	Sectio	n A			OVER	NTHS	Section C		
	FOOD	Average Portion Size	Por Size,	our tion if NOT rage		HOW C	<b>PFTEN?</b> e column		If Ate Food In Season Only
			Smaller	Larger	per DAY (enter a number)	per <b>WEEK</b> (enter a number)	per MONTH (enter a number)	NEVER or RARELY (check)	enter Months per Year
112	SUGAR ON CEREAL	1 tsp	0	0					
113	100% WHOLE GRAIN or DARK BREAD	1 slice	0	0					
114	60% WHOLE GRAIN, LIGHT RYE	1 slice	0	0					
115	WHITE BREAD	1 slice	0	0					
116	WHITE BREAD ROLLS (including hot dog buns etc)	1 roll	0	0					
117	WHOLE WHEAT ROLLS	1 roll	0	0					
118	CRACKERS (snack or soda type)	5	0	0					
119	BRAN/OAT MUFFIN	1 medium, ½ extra large	0	0					
120	OTHER MUFFIN (plain cake, with berries)	1 medium, ½ extra large	0	0					
121	PANCAKES, WAFFLES	1 medium	0	0					
122	MACARONI, SPAGHETTI, NOODLES (plain)	1 cup cooked/ 250 ml	0	0					
123	RICE	½ cup cooked/ 125 ml	0	0					
124	CRISP SNACKS (potato chips, popcorn, pretzels etc)	1 cup	0	0					
	Fruits								
125	APPLE, PEAR	1 medium	0	0					
126	CITRUS FRUITS (orange, grapefruit)	1 orange, ½ grapefruit	0	Ο					
127	BERRIES (strawberries, blueberries, bakeapples)	½ cup/ 125 ml	0	0					
128	GRAPES	½ cup/ 125 ml	0	0					
129	BANANA	1 medium	0	0					
130	PEACH, PLUM, NECTARINE, APRICOT	1 medium	0	Ο					
131	CANTALOUPE	1/8 or 1 slice	0	0					
132	WATERMELON	1 wedge, 3" base	0	Ο					
133	HONEYDEW MELON	1/8 or 1 slice	0	0					
134	MANGO	1 medium	0	0					
135	PAPAYA	1 medium	0	0					

	Section		OVER	NTHS	Section C				
	FOOD	Average Portion Size	Your Portion Size, if NOT Average		(Com	If Ate Food In Season Only			
			Smaller	Larger	per DAY (enter a number)	per <b>WEEK</b> (enter a number)	per MONTH (enter a number)	or RARELY (check)	enter Months per Year
136	APPLESAUCE	½ cup/ 125 ml	0	0					
137	DRIED FRUITS (raisins, dates, prunes)	2 tbsp/ 2 dates	0	0					
138	CANNED FRUIT (all kinds)	½ cup/ 125 ml	0	0					
139	ALL OTHER FRUIT (fresh kiwi, pomegranate, etc.)	1 medium	0	0					
	Desserts and Sweets								
140	CAKES	1 slice, 2" x 4" x 1"	0	0					
141	PIES and TARTS	1 slice	0	0					
142	DONUTS and SWEET ROLLS	1	0	0					
143	COOKIES	1	0	0					
144	ICE CREAM	½ cup/ 125 ml	0	0					
145	LIGHT or DIET ICE CREAM	½ cup/ 125 ml	0	0					
146	PUDDING	½ cup/ 125 ml	0	0					
147	DIET or LIGHT PUDDING	½ cup/ 125 ml	0	0					
148	JELLO	½ cup/ 125 ml	0	0					
149	POPSICLES, FREEZIES	1	0	0					
150	CHOCOLATE BAR and CHOCOLATE CANDY	1 bar / 50g or 5 candy size	0	0					
151	CANDY (without chocolate)	1 caramel	0	0					
	Miscellaneous	ı	1						
152	TOFU, TEMPEH	½ cup, 2" x 2" x 1" piece	0	0					
153	KETCHUP	1 tbsp	0	0					
154	MAYONNAISE/ MIRACLE WHIP, Regular fat (on bread, salad, meat, etc)	1 tbsp	0	0					
155	MAYONNAISE/ MIRACLE WHIP, Light (on bread, salad, meat, etc)	1 tbsp	0	0					
156	SALAD DRESSING, Regular fat (French, Italian etc)	1 tbsp	0	0					
157	OIL (in cooking)	1 tbsp	0	0					

	Sectio	n A			OVE	Sect	ion B	NTHS	Section C
	FOOD Average Portion Size			our tion if NOT rage	(Com	If Ate Food In Season Only			
			Smaller	Larger	per <b>DAY</b> (enter a number)	per <b>WEEK</b> (enter a number)	per MONTH (enter a number)	NEVER or RARELY (check)	Months per Year
158	BUTTER (on vegetables or bread; exclude use in baked and mixed dishes)	1 pat/ 1 tbsp	0	0					
159	MARGARINE (on vegetables or bread; exclude use in baked or mixed dishes)	1 pat/ 1 tbsp	0	0					
160	PEANUT BUTTER	1 tbsp	0	0					
161	PEANUTS	30g/ 1 oz	0	0					
162	OTHER NUTS	30g /1 oz	0	0					
163	JAM, JELLY, HONEY, SYRUP	1 tbsp	0	0					
164	GRAVY	4 tbsp	0	0					
165	CHOCOLATE or STRAWBERRY SYRUP	1 tbsp	0	0					
166	CHOCOLATE SPREADS	1 tbsp	0	0					
167	SAUCES (white, cream, Mornay)	30 ml/ 1oz/ 2 tbsp	0	0					
168	WHEAT BRAN	1 tbsp	0	0					
169	WHEAT GERM	1 tbsp	0	0					

Continue on next page -

# PART 2 - USE OF VITAMINS AND DIETARY SUPPLEMENTS

Now we would like to know about your use of vitamins and dietary supplements.

OVER THE PAST 12 MONTHS, did you take any of the following? If Yes, then specify usual brand amount and how long you took them.

		d Amount	– if used, ང	$\qquad \qquad $	How many pills did you take per week?	How long had you taken them?
Vitamin C O None	(AMPLE O Below 500	500-1000	O above 1000	mg	0 5 per week	2 4 months
Multivitamins that O No O	include minerals Yes If yes, us		000		per week	months
Multivitamins, no I	minerals Yes If yes, us	ual brand			per week	months
B Complex vitamin	ns Yes If yes, us	ual brand			per week	months
In the following	ı items, DO NO	T INCLUDE u	se of the abov	e MUI	LTIVITAMINS	
Vitamin A O None	O Below 10000	O 10000-15000	O above 15000	IU	per week	months
Vitamin C O None	O Below 500	O 500-1000	O above 1000	mg	per week	months
Vitamin E O None	O Below 400	O 400-800	O above 800	IU	per week	months
Beta-carotene O None	O Below 10000	O 10000-15000	O above 15000	IU	per week	months
Folic acid O None	O Below 1.0	O 1.0 mg	O above 1.0	mg*	per week	months
Calcium O None	O Below 250	O 250-500	O above 500	mg	per week	months
O None	O Below 100	O 100-200	O above 200	mg	per week	months
Other dietary support of the O No O	<b>Diements (e.g., ye</b> Yes, specify type: _		-		per week	months
	-				per week	months

<sup>\* 1</sup> mg = 1000 micrograms

you ł	nk you very much for completing this questionnaire! Because we want to be able to use all the information have provided, we would greatly appreciate it if you would please take a moment to review each pageing sure that you:
>	Did not skip any page
$\triangleright$	Completely erased any changes you may have made
We w	welcome any other information or comments that you would like to give us:

# THANK YOU VERY MUCH for your assistance in this research!

For Office Use Only					
Study #:					
Interviewer:					
Date complete	ed (D/M/Y):				