

For use	by	Manitoba	Health
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Case ID:

### Salmonella Questionnaire - General

Report date (YYYY/MM/DD): \_\_\_\_/\_\_\_/

This questionnaire has been developed to guide Salmonella case investigations. This questionnaire is very comprehensive and is intended to help to identify possible sources of exposure and detect outbreaks in a timely fashion. This questionnaire is to be used **instead of** the regular Communicable Disease Control Investigation Form (http://www.gov.mb.ca/health/publichealth/cdc/protocol/form2.pdf).

## PLEASE FAX COMPLETED QUESTIONNAIRE TO YOUR COORDINATOR THE CD UNIT AT 940-2690

Α.	Notified By This is a: D New Repo	ort	ious Report	Phone No.		
	Public Health Nurse Respondent was	Region □ parent □ caretaker □	I other:I		alth Unit/Neighbourho	
в.	Patient's Name			Date of birth: (YY	YY/MM/DD) Age	
	PHIN	MHSC No.	Treat	/ No.	_Sex: 🗖 Male 🗖 Fe	linale
	Address			Postal Code		
	Locating Information			Rural Municipality		
	Home Phone No.	Business Phon	e No.	_		
	Race/Ethnicity: Aboriginal:  Status Nonaboriginal: Born ir Unkno Setting/Facility: School: (name) Day Care: (name) Personal Care Hom	n Canada	Country o Resident Occupation:	orn:		er assistant
	Physician/Clinic		-	Physician/Clinic Phor	e No. Physicia	n/Clinic Fax No.
	Physician/Clinic Address		Ē	Physician/Clinic Posta	al Code	
Bloo Nau Von Fev Oth	isea:  iting:	s (YYYY/MM/DD)/ Yes I No Yes I No Yes I No Yes I No Yes I No Yes I No Yes I No	/ F	irst vomiting or dia laximum number of k	rhea (YYYY/MM/DD) oose stools:	// in 24 hrs
Trea	atment: 🗖 Yes 🗆	J No 🗖 Unknown	Drug	Dose	Duration	Date Started

Client Name

### C. (continued)

ER visit:	🗆 Yes 🗖 No	If yes, name of	hospital	/ER:				
Hospitalized:	🗆 Yes 🗖 No	If yes, number of	f days: _					
Date of admission	(YYYY/MM/DD):	://		Date o	of dischar	ge (YYYY/MM/DD)://		
Sequelae:	🗖 Yes 🗖 No	If yes, specify:					_	
Permanent:	🗖 Yes 🗖 No	🗖 Unknown	Died:	Yes	🗖 No	Date of death (YYYY/MM/DD):	/	/
Underlying illness:	🗖 Yes 🗖 No	If yes, specify: _					_	
Outbreak Associated:  Confirmed  Suspect				Οι	itbreak na	ame/CPL code:		

D. Contact of known case: 
Yes No Name of case or case code:

Name	Date ill?	Nature of contact*	Occupation/Details	Contact phone

\*Household, sexual, close contacts.

### Ε.

### Section 1: Lead in Questions

[1] <b>Y</b>	?	Ν	LEAD-IN QUESTIONS					
A 🗖			Was anyone in your household sick with diarrhea or vomiting in the week before you got sick?					
в 🗖			Are you on any kind of special or limited diet? If yes, describe:					
с 🗖			Did you spend any nights away from home in the 3 days before you got sick? Where?					
D 🗖			Do you have any underlying medical conditions such as pregnancy, cancer, or diabetes that you have been told might affect					
			your immune system? If yes, specify:					

#### **Open-ended Food History**

Please try to remember what you may have eaten or drunk in the 3-day period before you started feeling sick.<sup>1</sup> We'll start with the day (or day before) you got sick and work backwards. (If a meal was eaten out, specify where they ate and what was eaten.) **Please ask** about: prepared in-home or eaten out; if in-home - variety/brand, how prepared, where bought/eaten, routine meals

Day 1, (yyyy/           Breakfast (home or out)         Lu	/ <b>mm/dd)</b> // unch (home or out)	<i>Dinner</i> (home or out)	Other/snacks
Day 2, (yyyy Breakfast (home or out) Lu	/ <b>mm/dd)</b> // <i>Inch</i> (home or out)	<i>Dinner</i> (home or out)	Other/snacks

<sup>&</sup>lt;sup>1</sup>The incubation period for Salmonella is 6 hours to 3 days.

		Client Name			
Day 3, ( Breakfast (home or out)	/ <b>yyyy/mm/dd)</b> ///////_	Dinner (home or out)	Other/snacks		

### Section 2: Sources of Food

First I'd like to ask about the kinds of places where you might have eaten food in the 3 days before you got sick. This may help you remember specific food items, which I'll ask you about in a minute. Did you eat anything at any....

[2]Y	?	Ν	EATING AND SHOPPING VENUES	[3]Y	?	Ν	RESTAURANT TYPES
A 🗖			fast-food restaurants (specify)	A 🗖			Chinese
в 🗖			sit-down restaurants (if yes, specify type(s) in box at right)	в 🗖			Vietnamese
c 🗖			grocery-store deli or other kind of deli	c 🗖			Thai
D 🗖			bakery	D 🗖			Japanese
Е 🗖			coffee shop (e.g., Starbucks)	Е 🗖			Indian/South Asian
F 🗖			street vendor/push cart/kiosk?	F 🗖			other Asian
G 🗖			event concession stands (like at a sporting event or a concert)	G 🗖			Mexican
н 🗖			gas station or similar mini-mart	н 🗖			Italian
/ 🗖			tavern or bar	/ 🗖			Cuban/Caribbean
J 🗖			free samples anywhere (e.g. grocery store/Costco, farmer's market)	J 🗖			Greek
к 🗖			cafeteria/dining room (e.g., worksite, hospital, school)	к 🗖			Other "international"
L 🗖			nursing home/ALC dining facility	L 🗖			Vegetarian
м 🗖			hotel room service	м 🗖			Barbeque
N 🗖			child-care facility	N 🗖			Seafood
0 🗖			potluck-type private events	0 🗖			breakfastplace
Р 🗖			catered private gatherings (e.g., weddings, parties)	Р 🗖			diner/neighbourhood café
Q 🗖			any food at a church social or similar gathering or "coffee" hour	Q 🗖			all-you-can-eat buffet
R 🗖			food brought in to school classes, offices, or work place	R 🗖			other
s 🗖			soup kitchen				

# Now I'd like to ask about where the food came from that you ate at home in the 3 days before you got sick. In other words, this isn't necessarily where you shopped in those days, but where the food that you ate during that time came from. OK? Did any of it come from...

[4]Y	?	Ν	SOURCES OF FOOD AT HOME
A 🗖			grocery stores/supermarkets (specify)
в 🗖			food warehouse stores (Costco, Sams, etc.)
c 🗖			mini-marts (e.g., 7-11, AM/PM)
D 🗖			ethnic specialty markets
E 🗖			delicatessens
F 🗖			bakeries
G 🗖			farmer's markets
н 🗖			fish or meat shops
/ 🗖			take-out foods (e.g. pizza, Chinese, chicken –KFC)
J 🗖			food bank (e.g. Helping Hands, Mission, Winnipeg Harvest)
к 🗖			home delivery services (e.g., Meals-on-Wheels)
L 🗖			home-grown produce
м 🗖			home-slaughtered meat
N 🗖			other private households (friends, family, etc.)
0 🗖			other, particularly farm-raised poultry, free-range eggs, food alerts or recalls (specify)

### **Section 3: Food Exposures**

Now I'd like to ask you about a long list of food items, and for each one my question will be "Did you eat it in the past 3 days before you got sick?" The lists are organized into categories, like eggs and dairy foods, vegetables and fruits, and so on. For each item, give me a "yes" or "no" if you remember eating or even tasting it in the past 3 days. Some of the questions might seem a little repetitive, but please try and answer each question individually, even if you think it was already covered. Unless I specify otherwise, I'm interested in whether you ate these items at home or away from home—either one, OK?

[5] Y ? N DAIRY AND EGGS [6]Y ? N MEAT & POULTRY	[
	pared at home {i.e., not take-out}
	home from a raw "whole" chicken
	hicken frozen when you got it?
	home from raw pre-cut chicken parts
	hicken frozen when you got it?
dough, sauces, homemade ice cream, mayo}	
	d or eaten <i>away</i> from home
Where did you get the eggs?       H	
	ala ar parta)
	ole or parts}
	and the other of here of
	er patties eaten at home
	patties pink on the inside when eaten?
	en} hamburger patties at home
	k on the inside when eaten?
	with ground beef at home
	<, roasts, etc.} at home
S 🗖 🗖 pork	
τ 🗖 🗖 ham	
U 🗖 🗖 Iamb	
	nison, pheasant, etc.—fresh, frozen, or dried}
X 🗖 🗖 Donair, Type :	
[7]Y ? N CHEESE [8]Y ? N COOKED OR PROC	ESSED MEATS
A   I   I   I   I   I   I   I   I     A   I   I   I   I   I   I   I   I	{e.g., lox}
B   I   I   cottage cheese     B   I   I   I   any pre-packaged sli	iced deli meats
C   Image: C <td< td=""><td>meats {i.e., not pre-packaged}</td></td<>	meats {i.e., not pre-packaged}
D   Image: D <td< td=""><td></td></td<>	
E    Image: Constraint of the solid blocks    Image: Constraint of the solid blocks    Image: Constraint of the solid blocks	
{"typical"}	
F   Image: Second a deli-type sandwich   G   Image: Second a deli-type sandwich	
G   Image: Spread       H   Image: Spread       H   Image: Spread       H   Image: Spread	
H  processed cheese slices I  any other sausage/but	ratwurst etc.
/	
J D D Swiss K D D store-bought beef still	cks/jerky
κ  □  □ uncooked mozzarella {e.g., <i>not</i> cooked on pizza}	
L     Image: any Parmesan or Romano     [9] Y     N     SEAFOOD	
M  any blue-veined cheese {Bleu, gorgonzola,} A  (store-bought) fresh f	fish
O □ □ any cheese made from goat or sheep milk C □ □ □ shrimp/prawns	
P   Image: Second sec	
	oysters raw when eaten?
R   Image: Second structure     R   Image: Second structure     Image: Second structure   Image: Second structure	
homemade or sold off-the-farm or door-to-door	shellfish <i>raw</i> when eaten?
	viche made with raw fish or shellfish

								Client Name
[10]Y	?	Ν	FRESH VEGETABLES {Not frozen}	[11	1]Y	?		FRESH VEGETABLES {Not frozen}
A 🗖			celery	Ā				cabbage
в 🗖			mini-carrots in sealed bag	В				potatoes
с 🗖			loose or bagged carrots {full size}	С				yams or sweet potatoes
D 🗖			cucumbers	D				alfalfa sprouts
E 🗖			broccoli	Е				bean sprouts
F 🗖			cauliflower	F				any other sprouts {clover, mixed, broccoli, etc}
G 🗖			green bell peppers	G				any salad mix that came in a sealed bag
н 🗖			red bell peppers	н				mesclun lettuce {"spring mix"}
/ 🗖			other peppers	1				any other iceberg lettuce
J 🗖			asparagus	J				any romaine lettuce
к 🗖			fresh corn	к				any other leaf lettuce
L 🗖			snow peas {eaten in pod}	L				any lettuce on sandwiches or burgers
мП			fresh peas	M				any store-bought fresh tomatoes eaten at home {raw}
N			fresh beans	N				any tomatoes on sandwiches or burgers
0 🗖			brussel sprouts	0				any homegrown fresh tomatoes {eaten raw}
P 🗖			eggplant	P				fresh spinach {not frozen}
, D			zucchini or other "soft" squash	, Q				other greens {collard, mustard, etc}
R 🗖			any "hard" squash {pumpkin, acorn, etc.}	R				fresh basil
s 🗖			white or yellow onions	s				fresh parsley
т <b>П</b>			green onions {scallions}	Т				fresh cilantro
υ□			leeks	U				other fresh herbs
v D			avocado {or guacamole}	v				fresh garlic
				w				fresh mushrooms
				x				beets, turnips, or radishes
				Ŷ				any "organic" produce
[40]V		N		_				
	?		FRESH FRUIT {Not frozen or cooked}		3]Y	?	_	FRESH FRUIT {Not frozen or cooked}
			apples	A				cherries
в 🗆			pears	В				plums
			peaches	С				any kind of grapes if yes
			nectarines	D				green grapes
			apricots	E				red grapes
FD			oranges	F				bananas
G 🗆			tangerines	G				plantains
			grapefruit	H				cantaloupe
			lemon	1				honeydew
JO			lime	J				watermelon
			strawberries	ĸ				other melon, type:
			raspberries	L				kiwi
			blueberries	M				pineapple
			blackberries	N				mango
0 🗖			other fresh berries	0				papaya
								other exotic fruit, type:
	?	N	PREMADE AND DRIED FOODS		5]Y	?	_	MISCELLANY
_			store-bought fruit salad	Α				chips {potato, corn, Fritos, etc.}
			store-bought pasta salad	В				pretzels
			store-bought potato salad	С				any fresh salsa
			store-bought egg salad	D				taco shells
			store-bought coleslaw	Е				tortillas
_			peanuts {loose or in shell}	F				bulk chocolate {not wrapped candy}
			peanut butter	G				any apple juice/cider
G 🗖	_		any fresh-ground "natural" peanut butter	Н				any apple juice/cider that is freshly pressed and
н 🗖								
н 🗖			almonds		_	_	_	not pasteurized
H 🗆 I 🗖			almonds walnuts	1				any orange juice
H 🗖 I 🗖 J 🗖				I J				•

			Client Name
[14]Y ? N PREMADE AND DRIED FOODS (continued)	[15]Y ?	Ν	MISCELLANY (continued)
M 🗖 🗖 🗖 pistachios	κ 🗆 🗖		any juice that is not pasteurized and not from a
N 🗖 🗖 sunflower seeds			concentrate {often bought from farms or orchards, but
0 🗖 🗖 raisins			may be sold commerically}
P 🔲 🔲 other dried fruit			
Q	м 🗖 🗖		baby formula bought as a liquid in a can
R D D powdered milk	N 🗖 🗖		baby formula bought as a powder
S D D flavoured powdered milk	0 🗖 🗖		store-bought puréed baby food {e.g., Gerbers}
$T \square \square \square$ dried beans	Р 🗖 🗖		commercially bottled water
	Q 🗖 🗖		cold breakfast cereals {e.g., Cheerios, Raisin Bran}
V D D pastries with cream filling	R 🗖 🗖		granola
	s 🗖 🗖		hot breakfast cereals {oatmeal, etc.}
	т 🗖 🗖		imported ethnic food, type:
	U 🗖 🗖		any food bought in bulk, type:
	v 🗖 🗖		any spices that were opened 2 weeks before illness,
			type:
	$w \Box \Box$		breakfast or granola bars
	$x \square \square$		creamy salad dressing (e.g. ranch, caesar)
	Y 🗖 🗖		tahini
	z 🗖 🗖		honey
[16]Y ? N FROZEN FOODS	[17]Y ?	Ν	SPECIFIC FOODS EATEN OUT
A D frozen dinners/entrees			These refer to food eaten or prepared away from home
B   frozen vegetables in a box	A 🗖 🗖		Any burgers or ground beef at a fast-food place
$C \square \square$ frozen vegetables in a bag	в 🗖 🗖		any other burger/ground beef away from home
$D \square \square$ frozen berries	с 🗆 🗖		any other beef away from home
E   frozen vegetarian stuff {e.g., Gardenburgers}	D 🗖 🗖		any deli-type sandwich
F	E 🗖 🗖		any sandwich with sprouts on it
G  G  G  G  G  G  G  G  G  G  G  G  G  G	F 🗖 🗖		any sandwich or burger garnished with lettuce
$H \square \square \square$ any other frozen chicken products	G 🗖 🗖		any sandwich or burger garnished with tomato
/ 🗖 🗖 🗍 frozen pizza	н 🗖 🗖		anything from a salad bar
J D D frozen shrimp, frog legs, lobster, crab, other seafood			any kind of salad made with lettuce or greens
$K \square \square \square$ frozen appetizers	J 🗖 🗖		anything with raw tomatoes
······	κ 🗖 🗖		pizza from a pizzeria {not frozen}
			any kind of burrito or "wrap"

### Section 4: Sources of Water

IN THE PAST 3 DAYS BEFORE YOU GOT SICK, did {you/your child} have any contact with any of the following?

[18]Y	?	Ν		
A 🗖			Water ingested from suspect or unusual sc	source
в 🗖			Water contacted during recreation	
				River Hot tub Other, specify:      Ocean Well

### **Section 5: Animal Contact**

IN THE PAST 3 DAYS BEFORE YOU GOT SICK, did {you/your child} have any contact with any of the following?

[19]Y	?	Ν	
A 🗖			Bird
в 🗖			Kitten
с 🗖			Cat
D 🗖			Chicken
E 🗖			Baby chicks
F 🗖			Cow/bull/steer
G 🗖			Calf

Client Name

	Puppy {<6 months old}						
	Dog						
	Goat, Sheep, or Lamb						
	Horse						
	Pig						
	Reptile {including snakes, iguanas or other lizards, and turtles}						
	Amphibian {such as frogs}						
	Turkey Tropical fish						
	Rodents/rodent droppings						
[20] Y ? N							
	IN THE PAST 3 DAYS before you got sick, did {you/your child} handle any pet treats like pig ears, rawhide chews – at home or anywhere else?						
воос	IN THE PAST 3 DAYS before you got sick, did {you/your child} visit a petting zoo or farm?						
	IN THE PAST 3 DAYS before you got sick, did {you/your child} visit a fair at which there were animals?						
	IN THE PAST 3 DAYS before you got sick, did {you/your child} visit any other events at which there were animals present such as festivals, animal shows, exhibits, swap meets, sales, etc.?						

### F.

### **Travel Exposure**

In the 3 days before you became ill, did you travel out of the province?								
Which province,	country?	City/town/resort?						
Date of departur	e (YYYY/MM/DD)://	Date of return (YYYY/MM/DD)://						
Mode of travel:	<ul> <li>Airplane</li> <li>Automobile</li> <li>Bus</li> <li>Ship</li> <li>Train</li> <li>Other, specify:</li> </ul>		Dairy Eggs ish Truits Meat Poultry /egetables Dther, specify:					

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