

* CASE INVESTIGATION ID



VEROTOXIGENIC (SHIGA TOXIN-PRODUCING) E. COLI FOOD RECALL QUESTIONNAIRE

THIS QUESTIONNAIRE HAS BEEN DEVELOPED TO INVESTIGATE VEROTOXIGENIC E. COLI (SHIGA TOXIN-PRODUCING E. COLI.) THE QUESTIONS ARE COMPREHENSIVE AND ARE INTENDED TO HELP IDENTIFY POSSIBLE FOOD SOURCES OF ILLNESS AND PREVENT FURTHER CASES.
 THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS FORM.

FOR PUBLIC HEALTH: THIS QUESTIONNAIRE IS TO BE USED IN ADDITION TO THE DATA COLLECTION REQUIREMENTS OUTLINED IN THE GENERAL COMMUNICABLE DISEASE INVESTIGATION FORM.

INCUBATION PERIOD

Public Health to Complete	DATE YYYY-MM-DD	TIME HH:MM
EARLIEST POSSIBLE EXPOSURE (10 days before symptom onset)		
LATEST POSSIBLE EXPOSURE (day of symptom onset)		

1. FOOD HISTORY

List all foods eaten on the day of symptom onset and during the 10 days before. Start with the day symptoms started (day 0) and work backwards for the 10 days. If unable to remember any foods eaten, note as "uk" (unknown)

- For food prepared at-home: list variety/brand, how it was prepared (if relevant), where purchased.
- For food prepared outside the home such as a social gathering or event (ie; wedding, potluck), or at any food establishments (ie: restaurant, deli), provide all details of the food, how it was prepared (if relevant) and location.

DAY 0 (day of symptom onset)	DATE: YYYY-MM-DD		
BREAKFAST <input type="checkbox"/> at home <input type="checkbox"/> outside of home	LUNCH <input type="checkbox"/> at home <input type="checkbox"/> outside of home	DINNER <input type="checkbox"/> at home <input type="checkbox"/> outside of home	OTHER/SNACKS <input type="checkbox"/> at home <input type="checkbox"/> outside of home
DAY 1	DATE: YYYY-MM-DD		
BREAKFAST <input type="checkbox"/> at home <input type="checkbox"/> outside of home	LUNCH <input type="checkbox"/> at home <input type="checkbox"/> outside of home	DINNER <input type="checkbox"/> at home <input type="checkbox"/> outside of home	OTHER/SNACKS <input type="checkbox"/> at home <input type="checkbox"/> outside of home
DAY 2	DATE: YYYY-MM-DD		
BREAKFAST <input type="checkbox"/> at home <input type="checkbox"/> outside of home	LUNCH <input type="checkbox"/> at home <input type="checkbox"/> outside of home	DINNER <input type="checkbox"/> at home <input type="checkbox"/> outside of home	OTHER/SNACKS <input type="checkbox"/> at home <input type="checkbox"/> outside of home

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DAY 3	DATE: YYYY-MM-DD		
BREAKFAST	LUNCH	DINNER	OTHER/SNACKS
<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home
DAY 4	DATE: YYYY-MM-DD		
BREAKFAST	LUNCH	DINNER	OTHER/SNACKS
<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home
DAY 5	DATE: YYYY-MM-DD		
BREAKFAST	LUNCH	DINNER	OTHER/SNACKS
<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home
DAY 6	DATE: YYYY-MM-DD		
BREAKFAST	LUNCH	DINNER	OTHER/SNACKS
<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home
DAY 7	DATE: YYYY-MM-DD		
BREAKFAST	LUNCH	DINNER	OTHER/SNACKS
<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home	<input type="checkbox"/> at home <input type="checkbox"/> outside of home

MHSU-Verotoxigenic (Shiga toxin-producing) E.coli

MH – SURVEILLANCE UNIT: 4073H – 300 CARLTON ST. WINNIPEG, MB
 CONFIDENTIAL FAX 204-948-3044

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DAY 8	DATE: YYYY-MM-DD		
BREAKFAST <input type="checkbox"/> at home <input type="checkbox"/> outside of home	LUNCH <input type="checkbox"/> at home <input type="checkbox"/> outside of home	DINNER <input type="checkbox"/> at home <input type="checkbox"/> outside of home	OTHER/SNACKS <input type="checkbox"/> at home <input type="checkbox"/> outside of home

DAY 9	DATE: YYYY-MM-DD		
BREAKFAST <input type="checkbox"/> at home <input type="checkbox"/> outside of home	LUNCH <input type="checkbox"/> at home <input type="checkbox"/> outside of home	DINNER <input type="checkbox"/> at home <input type="checkbox"/> outside of home	OTHER/SNACKS <input type="checkbox"/> at home <input type="checkbox"/> outside of home

DAY 10	DATE: YYYY-MM-DD		
BREAKFAST <input type="checkbox"/> at home <input type="checkbox"/> outside of home	LUNCH <input type="checkbox"/> at home <input type="checkbox"/> outside of home	DINNER <input type="checkbox"/> at home <input type="checkbox"/> outside of home	OTHER/SNACKS <input type="checkbox"/> at home <input type="checkbox"/> outside of home

2. SOURCES OF FOOD PREPARED AT EATING ESTABLISHMENTS INCLUDING TAKEOUT AND DELIVERY

List where any pre-prepared food came from that was eaten the day symptoms developed (day 0) and during the 10 days before. Specify details in the table below and consider the following potential sources:

- | | |
|--|---|
| <input type="checkbox"/> fast-food and sit-down restaurants
<input type="checkbox"/> grocery store deli
<input type="checkbox"/> bakery or coffee shop
<input type="checkbox"/> street vendor/food cart/kiosk/food truck
<input type="checkbox"/> event concession stands (e.g. at a sporting event or concert)
<input type="checkbox"/> gas station or similar mini-mart
<input type="checkbox"/> soup kitchen
<input type="checkbox"/> free samples (e.g. grocery store, farmer's market) | <input type="checkbox"/> tavern or bar
<input type="checkbox"/> cafeteria/dining room/food bought at worksite, hospital, school,
<input type="checkbox"/> long term care home, child care, etc.
<input type="checkbox"/> hotel room service
<input type="checkbox"/> potluck-type private events (e.g. church, social)
<input type="checkbox"/> catered private gatherings (e.g., weddings, parties)
<input type="checkbox"/> home delivery services (e.g., meals-on-wheels)
<input type="checkbox"/> food served on plane, train, bus or boat |
|--|---|

Restaurant /venue/site name	Restaurant/venue/site location/address	Was anyone else ill that ate the same prepared meal?
		<input type="checkbox"/> YES <input type="checkbox"/> NO <i>details:</i>
		<input type="checkbox"/> YES <input type="checkbox"/> NO <i>details:</i>
		<input type="checkbox"/> YES <input type="checkbox"/> NO <i>details:</i>
		<input type="checkbox"/> YES <input type="checkbox"/> NO <i>details:</i>
		<input type="checkbox"/> YES <input type="checkbox"/> NO <i>details:</i>

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3. SOURCES OF FOOD PREPARED AT HOME (FOOD PURCHASE LOCATIONS)

List where the food came from that was prepared and eaten at home on the day symptoms developed (day 0) and during the 10 days before. Specify details in the table below and consider the following potential sources:

- grocery stores, food warehouse stores, mini-marts
- ethnic specialty markets
- delicatessens, bakeries
- farmer's markets
- fish or meat/butcher shops
- online food kit order
- food bank (e.g. Siloam mission, Manitoba Harvest)
- home-grown produce, home slaughtered meat
- private households (friends, family, etc.)
- farm raised beef, pork, lamb, goat, bison, poultry, free-range eggs
- wild game meat (e.g. deer, elk, moose, pheasant, rabbit)

STORE/ SITE/ COMPANY NAME	STORE/SITE/COMPANY LOCATION/ADDRESS	IF APPLICABLE, CAN WE COLLECT AND USE YOUR LOYALTY/MEMBERSHIP CARD NUMBER TO VERIFY PURCHASES?
		<input type="checkbox"/> YES <input type="checkbox"/> NO
		<input type="checkbox"/> YES <input type="checkbox"/> NO
		<input type="checkbox"/> YES <input type="checkbox"/> NO
		<input type="checkbox"/> YES <input type="checkbox"/> NO
		<input type="checkbox"/> YES <input type="checkbox"/> NO
		<input type="checkbox"/> YES <input type="checkbox"/> NO

4. FOOD ITEM LIST

Review the following list of food items. For each item, mark "yes" or "no", or "dk" (don't know) if eaten on the day symptoms developed (day 0) and during the 10 days before. Please try and answer each question individually, even if it may already been covered. For any "yes" response, please complete as much detail as possible on the product, including the type, variety, brand, and where it was purchased or eaten (please document all locations in section 2).

	YES	NO	DK	Important. Please complete in as much detail as possible Type / variety / brand (ie: President's choice,)	Where purchased or eaten: Specify name of location/site and if prepared and eaten at home or restaurant/food venue (ie: Superstore – eaten at home)
BEEF – not including deli meat					
Hamburgers from a food establishment					
Hamburgers home-made from ground beef					
Store-bought beef patties <input type="checkbox"/> fresh <input type="checkbox"/> frozen					
Ground beef consumed raw or undercooked (e.g. tartare, kibbeh)					
Any other ground beef (e.g. Meatballs, chili, spaghetti, shepherd's pie, tacos)					
Sliced raw beef (e.g. Carpaccio) purchased <input type="checkbox"/> fresh <input type="checkbox"/> frozen <input type="checkbox"/> DK					
Steak purchased <input type="checkbox"/> fresh <input type="checkbox"/> frozen <input type="checkbox"/> DK					
Stewing beef purchased <input type="checkbox"/> fresh <input type="checkbox"/> frozen <input type="checkbox"/> DK					
Undercooked steak or roast beef (ie: pink or red in center)					

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	YES	NO	DK	Important. Please complete in as much detail as possible Type / variety / brand	Where purchased or eaten: Specify name of location/site <u>and</u> if prepared and eaten at home or restaurant/food venue
Whole-cut beef products (e.g. roasts, ribs) purchased <input type="checkbox"/> fresh <input type="checkbox"/> frozen <input type="checkbox"/> DK					
Veal purchased <input type="checkbox"/> fresh <input type="checkbox"/> frozen <input type="checkbox"/> DK					
Other beef (e.g. beef jerky)					
PORK – not including deli meat					
Ham, bacon, ground pork					
Any pork pieces or parts (e.g. pork roasts, ribs, chops, in soups, or as part of a dish, not including deli-meat or ham)					
OTHER MEAT/ANIMAL PRODUCTS					
Deli meats (e.g. ham, bologna, salami, pepperoni, turkey) <input type="checkbox"/> prepackaged <input type="checkbox"/> sliced at deli counter					
Hot dogs or corn dogs					
Sausage (beef, turkey, pork, mixed) <input type="checkbox"/> purchased <input type="checkbox"/> made at home					
Dried meat products (e.g. Beef jerky, pepperettes)					
Pâté/meat spread					
Lamb or Goat					
Organ meats (e.g. liver, kidney, heart)					
Any kind of game/country food (e.g. venison/deer, pheasant, rabbit, caribou, seal, quail, moose, bison)					
POULTRY – not including deli meat					
Store bought breaded chicken (e.g. nuggets, strips or burgers)					
Any chicken pieces or parts (e.g. roasted whole, breasts, wings, thighs, in soups, or part of a dish)					
Any other chicken or poultry meat (e.g. ground chicken, turkey, turkey bacon, quail, duck, goose, cornish hen)					
FISH AND SEAFOOD					
Fish (including canned, jarred, frozen, smoked)					
Fish eaten raw (e.g. sushi, sashimi, ceviche)					
Crustaceans (e.g. crab, shrimp, prawns, crayfish, lobster) If yes, was it eaten raw? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> DK					
Other seafood, seaweed or sushi products					

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	YES	NO	DK	Important. Please complete in as much detail as possible Type / variety / brand	Where purchased or eaten: Specify name of location/site <u>and</u> if prepared and eaten at home or restaurant/food venue
EGGS AND EGG-CONTAINING PRODUCTS					
Eggs cooked (e.g. Scrambled eggs, omelets, hard boiled)					
Eggs consumed raw or undercooked (e.g. "runny", "over-easy"); anything made with raw eggs that was eaten uncooked (e.g. raw cookie dough, sauces, salad dressing, or in a drink)					
DAIRY AND DAIRY SUBSTITUTES					
Dairy milk, cream, whipping cream; Pasteurized					
Dairy milk, cream, whipping cream; Unpasteurized (raw)					
Ice cream/gelato, or frozen dairy products					
Milk or cream containing desserts (e.g. Cream filled pies/pastries, pudding)					
Non-dairy milk products (e.g. Soy, almond, coconut, rice)					
Other dairy products (sour cream, butter, yogurt (fresh or frozen))					
CHEESE					
Cheese, including hard or soft; processed products (e.g. slices, strings, cheese in a jar), cottage cheese					
Cheese made with unpasteurized (raw) milk					
VEGETABLES (RAW, CANNED OR COOKED) - EXCLUDE VEGETABLES PURCHASED FROZEN					
Lettuce or leafy greens, including in sandwiches, salads and pre-packaged salad kits					
Cabbage (include if eaten as coleslaw) <input type="checkbox"/> prepackaged <input type="checkbox"/> loose/head					
Sprouts including on a sandwich or salad (e.g. alfalfa, bean sprouts)					
Cucumber, carrot, celery, tomatoes					
Peppers including bell and hot (e.g. Red, green, yellow peppers, jalapeno)					
Onions (red, white, yellow, green) including leeks, shallots					
Other vegetables (corn, potatoes, beans, peas, mushrooms, garlic etc.)					
Vegetable juices (e.g. tomato, carrot)					
Fermented vegetables (e.g. kimchi, sauerkraut)					
FRUIT (RAW, CANNED OR COOKED) - EXCLUDE VEGETABLES PURCHASED FROZEN					
Melon (e.g. cantaloupe, honeydew, watermelon)					
Citrus and other fruits (e.g. oranges, grapefruit, apple, peach, pear, banana)					
Berries (e.g. strawberries, blueberries, raspberries)					

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	YES	NO	DK	Important. <i>Please complete in as much detail as possible</i> <i>Type / variety / brand</i>	Where purchased or eaten: <i>Specify name of location/site and if prepared and eaten at home or restaurant/food venue</i>
Other fruit (e.g. coconut, avocado, olives)					
Fruit juice, smoothie or beverage					
Any unpasteurized fruit juices (e.g. unpasteurized apple cider, kombucha)					
HERBS					
Fresh herbs (e.g. basil, parsley, cilantro, dill, mint)					
Dried herbs or spices					
NUTS AND SEEDS					
Any nuts (including in granola bar, as a garnish or as part of a dish)					
Peanut butter or other nut butter or spread					
Any seeds or products made from seeds (e.g. sunflower seeds, sesame, chia, flax, hemp, tahini, halva)					
STORE BOUGHT PREPARED SALADS AND DIPS					
Potato salad or pasta salad					
Fruit salad/pre-cut fruit or fruit platter					
Any other salad or dip (e.g. hummus, salsa)					
FROZEN FOODS					
Frozen vegetables (e.g. peas, corn, carrots, beans)					
Frozen fruit or berries					
Frozen pizza					
Frozen pot pies, meals appetizers					
Other frozen food (e.g. waffles, desserts)					
DRIED/PROCESSED FOODS					
Raw flour (e.g. used for baking, cooking, playdough)					
Soy products (tofu, soy burgers)					
Dried fruits					
Snack foods (e.g. granola bars, chips, crackers, cookies)					
Chocolate or chocolate containing candy					
Breakfast cereals cold or hot (e.g. porridge, cream of wheat)					
IN THE 10 DAYS PRIOR TO SYMPTOM ONSET...	YES	NO	DK	DETAILS, including source, location and any contacts.	
Did you use any of the following sources of drinking water : bottled water, municipal, well/private?					

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Did you swim in/go into the ocean, lake, river, pool, or hot tub?				
Did you have any contact with any dry, wet and/or raw pet food or treats including those derived from animal parts (e.g. pigs ears, rawhide)?				
Are there any other potential sources or additional information that you would like to share?				

Thank you for your assistance in completing this form and for helping to identify possible sources of the infection. The data collected is kept confidential and identifying information will not be disclosed for any other purpose without your consent.

In the event that the illness is linked to a national outbreak, can we contact you to be re-interviewed by the Public Health Agency of Canada if required? Yes No

For investigation forms that have been provided directly to the case, please submit completed form to:

Name: _____

Contact information: _____

August 2023