

Reportable Enteric Pathogen Case Report Form



Patient ID [REDACTED]
Result ID 2021_111703389_04
Person ID PBNFDXZEMCYEMS

Patient's Name: [REDACTED]

Address: [REDACTED]

County: [REDACTED]

Phone No: (H)

(M)

(W)

(Other)

Sex: **Male**

Date of birth (mo/day/yr): [REDACTED]

Race: [REDACTED]

Ethnicity: [REDACTED]

Age: **18** if < 1 year, age in months:Specimen collection date (mo/day/year): **11/30/2021**Clinical Lab Result Date: **11/30/2021**

Submitting lab:

Submitting Physician: [REDACTED]

Phone: [REDACTED]

Physician address:

Source of Specimen: **Stool**Onset Date: **11/26/2021**

State lab isolate ID number:

H21-16904

Date received in laboratory:

Pathogen: **Shiga Toxin-Producing *E. coli* :**

Was the pathogen identified by culture?

Shiga toxin PCR results at MDH lab:

Shiga toxin-producing?

PFGE:

EIA results at clinical lab: **Positive Undifferentiated**

MLVA:

Shiga toxin PCR results at clinical lab: **Not tested**

Notes:

Was the patient hospitalized? **No**

Hospital name:

Hospital first date of admission (mo/day/yr):

Hospital last date of discharge (mo/day/yr):

Patient ID number: [REDACTED]

Was patient transferred?

Transfer facility name:

Outcome: **Alive**Treated with antibiotics: **No**Antibiotic NameDate PrescribedDose and DurationOutbreak: **No**

Outbreak Name:

Case found during audit: **No**Is case report complete: **Yes**If yes, date case report completed: **12/02/2021**Person completing case report (initials): **KX**Did MDH receive a disease report card? **Yes**

Date: 12/2/21 Interviewed in: English Other: _____

Tennessee ☐

Interviewer: SIAB

STEC INTERVIEW FORM

Patient's Name (last, first): _____

DOB: _____

Parent's Name (if child): _____

Symptom History

Vomiting ☒ Y ☐ N

Diarrhea ☒ Y ☐ N

Stools/24 hr 3-5

Blood in stool ☒ Y ☐ N

Cramps ☒ Y ☐ N

Fever ☒ Y ☐ N

Comments: _____

Chills ☐ Y ☒ N

Headache ☐ Y ☒ N

Muscle Aches ☐ Y ☒ N

Joint Pain ☐ Y ☒ N

Temp _____

Other NO

What was first symptom? Stomach pain

Date of onset: (mm/dd/yy) 11/26/21

Time of onset: (military) night

Date of onset of diarrhea: unk / _____

Time of onset of diarrhea: unk

Duration of diarrhea (days) unk

Date of recovery: _____ / _____

Time of recovery: _____

← call experiences diarrhea constantly due to lactose intolerance

Did you visit an emergency room for this illness? Yes ☒ No ☐

Yes ☒ No ☐

If yes, how many times? 2

Did you visit an outpatient clinic for this illness? (e.g., urgent care, primary care)

Yes ☒ No ☐

If yes, how many times? 1

If hospitalized, did you stay in an Intensive Care Unit (ICU) or Critical Care Unit (CCU)?

Yes ☐ No ☐

Were you treated with any antibiotics after the onset of this illness? Yes ☐ No ☒ If yes:

Antibiotic #1 _____

Date prescribed: ____/____/____

Start date ____/____/____

End date ____/____/____

Duration (days) _____

Did you take the antibiotic before you submitted your stool culture?

Yes ☐ No ☐

If yes, how many days before culture? _____

or SAME DAY ☐

Antibiotic #1 _____

Date prescribed: ____/____/____

Start date ____/____/____

End date ____/____/____

Duration (days) _____

Did you take the antibiotic before you submitted your stool culture?

Yes ☐ No ☐

If yes, how many days before culture? _____

or SAME DAY ☐

Antibiotic #1 _____

Date prescribed: ____/____/____

Start date ____/____/____

End date ____/____/____

Duration (days) _____

Did you take the antibiotic before you submitted your stool culture?

Yes ☐ No ☐

If yes, how many days before culture? _____

or SAME DAY ☐

TRAVEL

Did you travel internationally in the **6 months** prior to illness?

Y ☒ N ☐ U ☐

Where: _____

Departure: ____/____/____ Return: ____/____/____

Did anyone in your household travel internationally in the **6 months** prior to illness?

Y ☒ N ☐ U ☐

Where: _____

Departure: ____/____/____ Return: ____/____/____

Did you travel during the **week** prior to illness, including immigration/adoption?

Y ☒ N ☐ U ☐

Where: _____

Departure: ____/____/____ Return: ____/____/____

If airline travel, what airline: _____

WATER

Did you have any well water in the week before your illness?

Y **(N)** U

Location (home/cabin); address: _____

Any bottled water?

(Y) N UBrand: Cosco + Dasani

Any water directly from a spring, lake, pond, stream, river or other source?

Y **(N)** U

Where: _____ When: _____

Did you swim in an ocean, lake, river, pool, splash pad, or other water venue?

Y **(N)** U

Where: _____ When: _____

FOOD SOURCESWhere did you shop for groceries eaten during the week before your illness? (incl. grocery stores, warehouse stores, online retailers, gas stations, etc.) Aldi Walmart Costco

Any meat from any place other than a grocery store? (hunting, butcher shop, private kill, slaughterhouse, or place where you purchased a live animal for slaughter)

Y **(N)** U

Type of meat: _____ Source: _____

Where processed: _____

ANIMAL CONTACT

Did you have any contact with pets (e.g., dogs, cats, reptiles, hedgehogs, rodents, or pet livestock such as chickens, pigs, or horses) at home or elsewhere (incl. school or someone else's home)?

(Y) N U

Species	Describe contact	GI illness in animal
<input checked="" type="checkbox"/> Dog Puppy? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>parents' dog</u>	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> U
<input type="checkbox"/> Cat Kitten? <input type="checkbox"/> Y <input type="checkbox"/> N		<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> U
<input type="checkbox"/> Reptiles/amphibians		<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> U
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> U

Did you feed your pet a raw meat diet or give them animal-based treats like bones, rawhides, pig's ears, or cow hooves?

Y **(N)** U

Specify type: _____

Did you have contact with any animal manure or composted animal manure?

Y **(N)** U

Describe contact (e.g., gardening): _____

Did you live on a farm?	Y <input checked="" type="radio"/> N <input type="radio"/> U <input type="radio"/>
Specify type: _____	
Did you work on a farm?	Y <input type="radio"/> N <input checked="" type="radio"/> U <input type="radio"/>
Location: _____ when: _____	
Did you visit a farm?	Y <input type="radio"/> N <input checked="" type="radio"/> U <input type="radio"/>
Location: _____ when: _____	
Did you visit a fair, petting zoo, or other venue with animals?	Y <input type="radio"/> N <input checked="" type="radio"/> U <input type="radio"/>
Location: _____ when: _____	

If yes to live/work/visit a farm or animal venue, were any of the following animals present? If yes, did you have contact with them?												
	Home			Work			Other Farm			Petting Zoo/Other Venues		
	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact
Cow	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Goat	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Sheep	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Pig	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Chicken	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Turkey	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Other:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

OTHERS ILL

Do you know of anyone else with a diarrheal illness prior to or following your illness?

Y **N** U

Who: _____ When: _____

CHILDCARE/PRESCHOOL

Did you attend or work at a childcare/preschool facility prior to or following illness?

Y **N** U

Dates attended: _____

Name of facility: _____

Name of director: _____ Phone number: _____

Address: _____

Did case attend while ill? ☐ Y ☐ N ☐ U

If yes, when: _____

Are you aware of other GI illness? ☐ Y ☐ N ☐ U

If yes, detail: _____

For children that attend childcare or childcare employees:

We will contact the daycare provider to determine if any other children have been ill and to provide information and recommendations to prevent the spread of illness. Do you have any concerns about disclosing your/your child's name to the childcare?

Tennessee read ☐☐ Yes, I do have concerns ☐ No, I do not have concerns**For STEC O157 or stx2 or stx pending/unknown childcare attendees/employees ONLY:**

Additionally, because Shiga-toxin producing *E. coli* can cause severe complications and can be easily spread at daycare, restrictions apply to children/adults with this type of illness who attend/work at daycare. An epidemiologist will contact you as soon as possible to discuss these restrictions. You/your child may not attend daycare at this time.

Tennessee read ☐**If your child still has diarrhea, he/she may not attend daycare until fully recovered.****EVENTS**

Did you attend any large gatherings (weddings, receptions, showers, parties, festivals, fairs, etc)

Y **N** U

Date: _____ Time: _____ Location: _____

Type of event: _____

Foods served: _____

Anyone else ill? ☐ Y ☐ N ☐ U

Names/contact information of others ill: _____

RESTAURANTS

Did you eat any food/beverages from any:

- restaurants
- take out or delivery
- coffee shops
- cafeterias
- delis
- food trucks/stands
- meal delivery kits

(Y) N U

Name: Hubbell House Date: 11/23 1600-1700

Address: [REDACTED]

Food/drink detail: Soup (beef &zo), maybe other things

Name: Chipotle Date: 11/25 Time: ~2140 (dinner dash)

Address: 1201 Broadway Ave S Ste 60 Rochester 55904

Food/drink detail: Burrito bowl, steak + chicken + toppings (incl. lettuce, cheese, sour cream)

Name: Chick-fil-A Date: 11/24 Time: ~1900

Address: [REDACTED]

Food/drink detail: Spicy chicken sandwich (w/ lettuce + tomato), chicken tenders

Name: Chipotle Date: 11/23 Time: 1350

Address: 1201 Broadway Ave S Ste 60 Rochester 55904

Food/drink detail: tacos, steak + chicken + toppings (incl. lettuce, cheese, sour cream)

Name: Perkins Date: 11/22 Time: 2240

Address: [REDACTED]

Food/drink detail: French toast, bacon, eggs

Name: Kumo Sushi Date: 11/21 Time: 2040

Address: [REDACTED]

Food/drink detail: Spicy crab roll, spicy salmon roll, Boston roll, california roll

*Please re-prompt for any non-restaurant exposures

5-DAY FOOD HISTORY

*Please prompt case with previously reported events and restaurants.

Meal time	Meal	Ate at home	Ate outside the home	Outside location	Foods eaten
Date/day prior to onset: <u>11/25</u>					
	Breakfast	<input type="checkbox"/>	<input type="checkbox"/>		
	Lunch	<input type="checkbox"/>	<input type="checkbox"/>		Thanksgiving food
2140	Dinner	<input type="checkbox"/>	<input type="checkbox"/>	Chipotle	burrito bowl
	Other	<input type="checkbox"/>	<input type="checkbox"/>		

Date: <u>11/24</u>					
	Breakfast	<input type="checkbox"/>	<input type="checkbox"/>		eggs
	Lunch	<input type="checkbox"/>	<input type="checkbox"/>	Hubbell House	unk, various snacking
1900	Dinner	<input type="checkbox"/>	<input type="checkbox"/>	Chick-fil-A	spicy chxn sandwich + chxn tenders
	Other	<input type="checkbox"/>	<input type="checkbox"/>		

Date: <u>11/23</u>					
	Breakfast	<input type="checkbox"/>	<input type="checkbox"/>		
	Lunch	<input type="checkbox"/>	<input type="checkbox"/>		
16-1700	Dinner	<input type="checkbox"/>	<input type="checkbox"/>	Hubbell House	Beef & chx soup
	Other	<input type="checkbox"/>	<input type="checkbox"/>		

Date: <u>11/22</u>					
	Breakfast	<input type="checkbox"/>	<input type="checkbox"/>		
	Lunch	<input type="checkbox"/>	<input type="checkbox"/>		
2240	Dinner	<input type="checkbox"/>	<input type="checkbox"/>	Perkins	French toast, eggs + bacon
	Other	<input type="checkbox"/>	<input type="checkbox"/>		

Date: <u>11/21</u>					
	Breakfast	<input type="checkbox"/>	<input type="checkbox"/>		
	Lunch	<input type="checkbox"/>	<input type="checkbox"/>		
	Dinner	<input type="checkbox"/>	<input type="checkbox"/>	Kumho Kumo Sushi	Spicy crab roll, spicy salmon roll, Boston roll, California roll
	Other	<input type="checkbox"/>	<input type="checkbox"/>		

FOOD CONSUMPTION HISTORY

The following questions refer to the 7 days prior to illness onset

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
EGGS/DAIRY							
Eggs	X					① Perkins	① 11/22
Prepared dish with eggs (e.g., egg bake, quiche, custard)		X					
Any batter with raw eggs (e.g., cookie dough)		X					
Did you or anyone in your household use flour in any baking or cooking?	X			all-purpose	making buns		
Pasteurized cow's or goat's milk		X					
Unpasteurized milk		X					
Shredded cheese	X				① burrito bowl ② tacos	① Chipotle ② Chipotle	① 11/25 ② 11/25
Block cheese or cheese slices (specify)	X			Extra-Sharp white cheddar			
String cheese or cheese curds		X					
Queso fresco or Mexican-style cheese		X					
Other cheeses (e.g., Gouda, blue, feta, chevre, brie, goat)		X					
Ice cream			X			Hubbell House	
Frozen dessert treats		X					
Yogurt		X					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Milk alternatives (e.g., soy, almond, rice milk)		X					
Other dairy (e.g., cottage cheese, cream cheese, sour cream)	X			① Sour cream ② Sour cream	① burrito bowl ② tacos	① Chipotle ② Chipotle	① 11/25 ② 11/23
MEAT/POULTRY/SEAFOOD							
Ground beef	X			① Ground	① Beef andzo soup	① Hubbell House	① 11/23
<p>If ground beef was an ingredient, specify type of dish: _____</p> <p>How was the ground beef cooked? <input type="checkbox"/> Raw <input type="checkbox"/> Rare (red in middle) <input type="checkbox"/> Medium (pink in middle) <input type="checkbox"/> Well (no pink)</p> <p>How was the ground beef packaged? <input type="checkbox"/> Tube <input type="checkbox"/> Tray <input type="checkbox"/> Pre-made patties <input type="checkbox"/> Other: _____</p> <p>Package size: _____ Percent lean (e.g., 80/20): _____</p>							
Veal		X					
Other beef (e.g., steak)	X			① Steak ② Steak	① Burrito bowl ② tacos	① Chipotle ② Chipotle	① 11/25 ② 11/23
Chicken (incl. ground)	X			① chicken ② Spicy chicken ③ spicy tenders	① Burrito bowl ② Sandwich ③ tenders	① Chipotle ② Chick-fil-A ③ Chick-fil-A	① 11/25 ② 11/24 ③ 11/24
Stuffed chicken product (e.g., chicken Kiev)		X		④ Chicken	④ tacos	④ Chipotle	④ 11/23
Turkey (incl. ground)	X			Thanksgiving turkey			11/25
Pork (e.g., ham, bacon)	X			① Bacon		① Perkin's	① 1350 11/22
Lamb		X					
Sausage		X					
Venison or other meat/poultry		X					
Fish (incl. sushi, ceviche)	X			① Salmon	① Spicy salmon roll	① Kumo Sushi	① 11/21
Shrimp		X					
Other seafood	X			① Crab	① Spicy crab roll	① Kumo Sushi	① 11/21

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
FROZEN PROCESSED FOODS							
Frozen dinners/ entrees (e.g., Lean Cuisine, pot pies)		X					
Frozen pizza		X					
Other frozen, microwavable foods		X					
FRUITS (FRESH, FROZEN, OR DRIED)							
Oranges		X					
Other citrus (e.g., grapefruit, lemon, lime, tangerine)	X			lemons		Hubbell Market	
Pears		X					
Apples		X					
Other tree fruit (e.g., apricot, plum, nectarine, peach)		X					
Strawberries		X					
Other berries (e.g., blue, black, or raspberries)	X			black berries		Andi	
Grapes (specify color)		X					
Bananas		X					
Watermelon (specify seeds or seedless)		X					
Cantaloupe		X					
Honeydew or other melon		X					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Other fruit (e.g., mango, pomegranate, kiwi, pineapple)		X					
Unpasteurized apple cider		X					
Fresh-squeezed, raw/unpasteurized juice, or smoothies		X					
Other juice		X					
VEGETABLES (FRESH OR FROZEN)							
Prepackaged salad (specify bag or clamshell)	X			Something w/ Romaine hearts		① Walmart ② Hubbell House	
Iceberg		X					
Romaine	X			① lettuce ② lettuce ③ lettuce	① burrito bowl ② sandwich ③ tacos	① Chipotle ② Chick-fil-A ③ Chipotle	① 11/25 ② 11/24 ③ 11/23
Spinach		X					
Cabbage		X					
Other lettuce/leafy greens (e.g., spring mix, kale, arugula, Swiss chard, endive)		X					
Tomatoes (e.g., vine-on, heirloom, roma, beefsteak, grape, incl. on sandwich or salad)	X			① sliced ② cherry tomatoes	① sandwich ② salad	① Chick-fil-A ② Hubbell House	① 11/24
Cucumbers (e.g., English, garden, mini, Persian)		X					
Bell/sweet peppers (specify color/size)		X					
Hot peppers/chilies (incl. salsa, and other dishes)		X					
Asparagus		X					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Celery		X					
Carrots (specify baby or normal)	X				① in Sushi	① Kumo	
Radishes		X					
Pea pods/snap peas		X					
Onions (red/white/yellow)	X			"Onions in Evening"			
Green onions/scallions		X					
Broccoli				Case started to get impatient, skipped to "Other" section			
Cauliflower							
Sprouts (e.g., alfalfa, bean, radish, clover)							
Cilantro (incl. in fresh salsa and other dishes)							
Other fresh herbs (e.g., basil, parsley, thyme, mint, sage)							
Mushrooms (e.g., white, portabella, crimini)							
Tofu/tempeh/seitan							
Zucchini/summer squash (including spiralized)							
Other vegetables							
Pasta salad (ingredients/brand)							

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Potato salad (ingredients/brand)				1			
OTHER							
Nuts (e.g., almonds, pecans, walnuts, peanuts, cashews) -specify roasted, raw, in the shell		X					
Hummus or tahini (specify)	X					Costco	
Sesame seeds		X					
Other seeds (e.g., flax, sunflower, chia, hemp)		X					
Snacks such as soy nuts, corn nuts, chickpeas, wasabi peas		X					
Salsa		X					
Avocado (incl. guacamole)	X	X				Adi	
Recently purchased spices (e.g., black pepper, white pepper, paprika, oregano, cumin)	X			different peppers, rosemary			
Spice rubs or blends		X					
Peanut butter	X						
Chocolate	X						
Trail mix or granola		X					
Chips, crackers, popcorn or other snack foods	X			① potato chips ② bagged popcorn			

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Nutritional supplements, protein/whey powder, meal replacements		X					
Anything I didn't ask?	X			Cereal			

ADULT CASES ONLY

Did you have any sexual contact with a male?

Y ☒ N ☐ U ☐

Did you have any sexual contact with a female?

☒ Y ☐ N ☐ U

DEMOGRAPHICS

For adult cases:

Occupation: [REDACTED]

Name of employer: [REDACTED]

Address/city of employer: [REDACTED]

Work phone: [REDACTED]

For child cases:

School name/address: _____

Parent 1 occupation: _____

Parent 2 occupation: _____

All cases

Languages s

- [REDACTED]
- [REDACTED]

Race: [REDACTED]

Specify: _____

SENSITIVE OCCUPATION STATEMENTS

Food workers:

People continue to shed STEC in their stools after they feel better and can still spread STEC to others. It is essential that you have excellent hand washing after going to the bathroom and before handling foods to prevent transmitting STEC to patrons. Work restrictions/exclusions may apply to people with STEC infections who work in food service. You will be contacted by an epidemiologist if restrictions apply to you.

Statement read [REDACTED]

Healthcare workers:

People continue to have STEC in their stools after they feel better and can still spread STEC to others. It is essential that you have excellent hand washing after going to the bathroom to prevent transmitting STEC to patients. Work restrictions/exclusions may apply to people with STEC infections who work in healthcare and have contact with patients. You will be contacted by an epidemiologist if restrictions apply to you.

Statement read [REDACTED]

Only read if the case answered "yes" to any of the farm, fair, or petting zoo questions.

UMASH Study Reminder

During the interview you (or your child) reported exposure to farm animals prior to becoming ill. Because of this, someone else from MDH will be calling your back to see if you would be willing to answer some additional questions about your (your child's) farm animal exposure. MDH is part of an agricultural safety and health center housed at the University of Minnesota and we are trying to learn more about how to keep people healthy. Is there a specific day of the week or time of day that would be better to call you back? (If so, please indicate below).

Day of week (circle one): Sunday Monday Tuesday Wednesday Thursday Friday Saturday

Time of day: _____ ☐ am ☐ pm ☐ No preference

(for adult cases) If you are not available to talk when we call, may we ask your spouse/partner these questions?

☐ Yes ☐ No Name: _____

Notes: _____

IF CASE LIVES/WORKS ON A FARM (TIER 1):

1. Is this a full-time or part-time operation? ☐ Full-time ☐ Part-time
 - a. **If full-time:** Do you primarily: ☐ grow crops **OR** ☐ raise animals
(Have them pick one. Whichever one is 51% or more of their sales)
 - b. **If part-time,** did the farm produce at least \$1,000 worth of product in the last year? ☐ Yes ☐ No ☐ DK

IF CASE VISITED A FARM (TIER 2):

1. What type of farm was it?
 - ☐ Raises livestock and/or poultry for a living
 - ☐ Hobby Farm
 - ☐ Backyard Poultry Only

Describe: _____

[illegible]

Date of Interview: 12/16/21
IJ ☐ Tennessee

Interviewer:

**Chipotle
December 2021**

Name: _____

Age _____ Sex: F M

Street: _____

City: _____ County: _____

State: _____ Zip code: _____ Phone _____

(H) _____

(W) _____

Race: _____ *If Asian or African,*

Specify: _____ Ethnicity: Hispanic or

Non-Hispanic

Diarrhea ☐ Y ☐ N Onset: ____/____/____ Time: ____

Number of stools per 24 hour period: _____ Diarrhea

Bloody stools ☐ Y ☐ N Cramps ☐ Y ☐ N F

First Symptom: _____

Other Symptoms: _____

Called Provider: ☐ Y ☐ N Visited Provider: ☐ Y

Provider requested stool sample: ☐ Y ☐ N Stool

**Note refer to long interview for symptom
information**

**Are you willing to submit a stool sample for
testing?**

☐ Y ☐ N

Meal Date: 11/23/21

Meal Time: 13:50

Illness Onset: ____/____/____ Time: _____ **Meal Date: 11/25/21** / ____ Time: _____

Vomiting ☐ Y ☐ N Onset: ____/____/____ Time: _____ **Meal Time: 13:50** Recovery: ____/____/____ Time: _____

Burrito	Y	N	U
Burrito Bowl	Y	N	U
Lifestyle Bowl	Y	N	U
Soft Tacos	Y	N	U
Salad	Y	N	U
Quesadilla	Y	N	U

Chicken	Y	N	U
Steak	Y	N	U
Barbacoa (Shredded Beef)	Y	N	U
Carnitas (Pork)	Y	N	U
Smoked Brisket	Y	N	U
Sofritas	Y	N	U
White Rice	Y	N	U
Brown Rice	Y	N	U
Pinto Beans	Y	N	U

Black Beans	Y	N	U
Fajita (green pepper/onion)	Y	N	U
Cheese	Y	N	U
Lettuce	Y	N	U
Sour Crème	Y	N	U

Salsas			
Hot (Tomatillo-red chili)	Y	N	U
Medium (Tomatillo-green chili)	Y	N	U
Mild (Tomato)	Y	N	U
Corn Salsa	Y	N	U

Chips	Y	N	U
Salsa	Y	N	U
Type: _____			
Guacamole	Y	N	U

Anything to drink	Y	N	U
-------------------	---	---	---

What: water

OTHER FOOD

11/23: burrito bowl with steak/chicken, lettuce, cheese, sour cream, white rice, no beans, pico de gallo, and a bottled water

11/25: tacos with steak and chicken, lettuce, cheese, sour cream, white rice, no beans, pico de gallo, and a bottled water (mentioned he got an extra taco)

Queso Blanco	Y	N	U
Guacamole	Y	N	U

Did anyone you ate with at Chipotle become ill? If so, are you willing to provide contact information for them?

Name _____ Phone number _____

Name _____ Phone number _____

Name _____ Phone number _____

Name _____ Phone number _____

Nobody else ill

Date of Interview: __ 12 / 16 / 21 __

Interviewer: __ IJ __

☐ Tennesse**Chipotle
December 2021**

Name: _____ Age _____ Sex: F M
 Street: _____ City: _____ County: _____
 State: _____ Zip code: _____ Phone (H) _____ (W) _____
 Race: _____ *If Asian or African, Specify:* _____ Ethnicity: Hispanic or Non-Hispanic

Illness Onset: _____ / _____ / _____	Time: _____	Recovery: _____ / _____ / _____	Time: _____
Vomiting <input type="checkbox"/> Y <input type="checkbox"/> N	Onset: _____ / _____ / _____	Time: _____	Recovery: _____ / _____ / _____
Diarrhea <input type="checkbox"/> Y <input type="checkbox"/> N	Onset: _____ / _____ / _____	Time: _____	Recovery: _____ / _____ / _____
Number of stools per 24 hour period: _____		Diarrhea duration: _____ days/hours	
Bloody stools <input type="checkbox"/> Y <input type="checkbox"/> N	Cramps <input type="checkbox"/> Y <input type="checkbox"/> N	Fever <input type="checkbox"/> Y <input type="checkbox"/> N	Temperature _____ °F
First Symptom: _____		Onset Date: _____ / _____ / _____	Time: _____
Other Symptoms: _____		Onset Date: _____ / _____ / _____	Time: _____
Called Provider: <input type="checkbox"/> Y <input type="checkbox"/> N		Visited Provider: <input type="checkbox"/> Y <input type="checkbox"/> N	Office / ER Date of Visit: _____ / _____ / _____
Provider requested stool sample: <input type="checkbox"/> Y <input type="checkbox"/> N		Stool submitted: <input type="checkbox"/> Y <input type="checkbox"/> N	Hospitalized: <input type="checkbox"/> Y <input type="checkbox"/> N

Note refer to long interview for symptom information**Are you willing to submit a stool sample for testing?**☐ Y ☐ N
Meal Date: __ 11/20/21 __
Meal Time: 1200-1300 __
Meal Date: _____ / _____ / _____
Meal Time: _____

Burrito	Y	N	U	Salsas			
Burrito Bowl	Y	N	U	Hot (Tomatillo-red chili)	Y	N	U
Lifestyle Bowl	Y	N	U	Medium (Tomatillo-green chili)	Y	N	U
Soft Tacos	Y	N	U	Mild (Tomato)	Y	N	U
Salad	Y	N	U	Corn Salsa	Y	N	U
Quesadilla	Y	N	U				
Chicken	Y	N	U	Chips	Y	N	U
Steak	Y	N	U	Salsa	Y	N	U
Barbacoa (Shredded Beef)	Y	N	U	Type: _____			
Carnitas (Pork)	Y	N	U	Guacamole	Y	N	U
Smoked Brisket	Y	N	U				
Sofritas	Y	N	U	Anything to drink	Y	N	U
White Rice	Y	N	U	What _____			
Brown Rice	Y	N	U	OTHER FOOD _____ queso with the chips _____			
Pinto Beans	Y	N	U				
Black Beans	Y	N	U				
Fajita (green pepper/onion)	Y	N	U				
Cheese	Y	N	U				
Lettuce	Y	N	U				

Sour Crème	Y	N	U
Queso Blanco	Y	N	U
Guacamole	Y	N	U

Did anyone you ate with at Chipotle become ill? If so, are you willing to provide contact information for them?

Name_____ Phone number_____

Name_____ Phone number_____

Name_____ Phone number_____

Name_____ Phone number_____

Nobody else ill

From: [Medus, Carlota \(MDH\)](#)
To: [Rounds, Joshua \(MDH\)](#)
Subject: contact
Date: Thursday, December 16, 2021 9:14:16 AM

Roslyn Stone <RStone@zerohourhealth.com>

Carlota Medus, PhD, MPH

Epidemiologist Supervisor Sr. | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5527 | Mobile: 651-285-6034



From: [Rounds, Joshua \(MDH\)](#)
To: [melius.michael@co.olmsted.mn.us](#); [chowdhury.sagar@co.olmsted.mn.us](#); [bjork.matthew@CO.OLMSTED.MN.US](#); [sherden.meaghan@CO.OLMSTED.MN.US](#)
Cc: [Hedeen, Nicole \(MDH\)](#); [Carlton, Kim \(MDH\)](#)
Subject: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date: Thursday, December 16, 2021 11:22:00 AM
Attachments: [employee_ill_screeningformforECOLI_NEW_mn.pdf](#)
[employee_ill_screeningformforECOLI_NEW_mn.Spanish.pdf](#)

Hi Michael, Sagar, Matthew, and Meaghan

We have an interesting potential foodborne outbreak investigation. We have two MN cases of *E. coli* O121 from Olmsted county that are closely related by WGS to two cases from Washington. WA reached out and both their cases ate at different Panera locations, and both ate salads that likely contained a common leafy green mix (arugula, romaine, kale, and red leaf). The MN cases both report eating at different Chipotle locations in Rochester (please see the case info in the table below). We need to call our cases back to get better details on the Chipotle ingredients they would have eaten (i.e. salsas) but both did report romaine lettuce. At this time we are interested in MDA RRT/FDA pursuing a traceback investigation with WA on any common ingredients that our Chipotle cases share with the WA Panera cases. Since it appears to be a multi-state commercially distributed food outbreak, I'm planning to continue to lead the epi investigation.

What I'm requesting of you:

- Please request **all** invoices for both Chipotle locations going back one month prior to the cases meal date
 - 10/23 – 11/23 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
 - 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location
- Please have the restaurants put in place an employee screening form (attached)
- No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Please let me know if you have any questions.

Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-16904	18			No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) (11/25) 1350 Tacos (steak & chx lettuce, cheese, sour cream) Hubbell House	<div></div> <div></div> <div></div> <div></div> <div>has been excluded from work pending 2 negative stool specimens</div> <div>Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell</div>

										<p>(11/23) Soup beef, maybe other things, [REDACTED] [REDACTED] [REDACTED] [REDACTED]</p> <p>Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato), chicken tenders</p> <p>Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll</p> <p>Perkins (11/22) French toast, bacon, eggs</p>	House
H21-16885	21	[REDACTED]	[REDACTED]	No	11/28	11/26	No	Unknown	Unknown	<p>11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket</p> <p>11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread</p>	Case refused full interview but answered limited questions about restaurants

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Medus, Carlota (MDH)
To: Decuir, Marijke (MDH); Rounds, Joshua (MDH)
Subject: FW: E. coli O121 case investigation
Date: Monday, December 13, 2021 1:52:53 PM
Attachments: image001.png
image002.png
image003.png
image004.png
image005.png
image006.png

This is exciting! Amy is out, and no one else in our team was cc'd. Does one of you want this one?

Carlota Medus, PhD, MPH
Epidemiologist Supervisor Sr. | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5527 | Mobile: 651-285-6034



From: Marshall, Nicole C (DOH) <nicole.marshall@doh.wa.gov>
Sent: Monday, December 13, 2021 1:48 PM
To: Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Decuir, Marijke (MDH) <marijke.decuir@state.mn.us>; Saupe, Amy (MDH) <amy.saupe@state.mn.us>; Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M (DOH) <Joe.Graham@DOH.WA.GOV>; Schneider, Benjamin (CDC/DDID/NCEZID/DFWED <qpz8@cdc.gov>; McCormic, Zachary (CDC/DDID/NCEZID/DFWED <qkc8@cdc.gov>; Patel, Kane (CDC/DDID/NCEZID/DFWED <npe2@cdc.gov>; Shelton, Susan E (DOH) <susan.shelton@doh.wa.gov>
Subject: E. coli O121 case investigation

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Hello Minnesota foodborne outbreak team,
We started looking into two cases of *E. coli* O121 last Friday who both reported eating at Panera Bread on 11/19/2021. Today a Minnesota isolate was uploaded with the same allele code

<input type="checkbox"/>	TITLE	WGS ID	ALLELE CODE	SEROTYPE CALCULATED
<input type="checkbox"/>	MN__H21-16885	PNUSAE091113	EC1.0 - 18.1.14.38.16	O121:H19
<input type="checkbox"/>	WA__WA0697354	PNUSAE091051	EC1.0 - 18.1.14.38.16	O121:H19
<input type="checkbox"/>	WA__WA0697014	PNUSAE090854	EC1.0 - 18.1.14.38.16	O121:H19

Here is what we know about our two cases Panera bread exposures:

Epi case ID	Lab	PulseNet	County	Onset	Panera Meal Date and time	Meal	Panera location	Note
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	11/19/2021, Lunch	Green Goddess Cobb Salad with Chicken, baguette, French Bistro Onion Soup, Green Passion Smoothie	South Sound location- possibly Tacoma Mall	Noted that a salad item required substitution (possibly pickled red onion)
					11/19/2021,	Caesar salad w/ chicken, baguette, Creamy Chicken & Wild Rice Soup, unknown	2107 S 320th Federal Way (outside The	Asked for no romaine so the arugula, romaine, kale, red leaf blend that was also used in the Green Goddess salad was subbed by restaurant (per

103823767	WA0697354	PNUSAE091051	Pierce	11/23/2021	Lunch	beverage	Commons mall	receipt)
-----------	-----------	--------------	--------	------------	-------	----------	--------------	----------

Next steps:

- Snohomish is attempting to confirm the meal location for their case
- Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)
- King County environmental health will go out to the Federal Way location (where we know the Pierce county case lunched) and will enquire:
 - About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case
 - Ill food workers, handwashing, food handling, etc
 - Whether they share workers with other Panera Bread locations

Can you share what you know about your case? We will update SEDRIC with data for each of our cases.

Warm regards,

Nicole

Nicole Marshall (Schwalbe), MPH

Foodborne and Enteric Disease Epidemiologist

Office of Communicable Disease Epidemiology

Division of Disease Control and Health Statistics

Washington State Department of Health

nicole.marshall@doh.wa.gov

564-999-1233 (cell – direct line) | www.doh.wa.gov

206-364-1060 (fax)

Gender Pronouns: she/her



From: [Rounds, Joshua \(MDH\)](#)
To: [Sorenson, Alida \(MDA\)](#)
Cc: [Smilanich, Erin \(MDA\)](#)
Subject: FW: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date: Thursday, December 16, 2021 2:32:00 PM
Attachments: [Chipotle Marketplace Invoice.pdf](#)

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 2:24 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Here are the invoices for the Marketplace location.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:45 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 1:40 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Joshua,

I have visited both stores, and have implemented active screening at both locations. I have the invoices as well, they are pretty large stacks, so I will start scanning and sending them your way. It may take a bit of time though, as I will likely have to break it up into multiple emails.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 12:10 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Melius Michael <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

And sorry one error my end. Please request the invoices for the following dates

- 10/23 – 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 11:39 AM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Mike Melius <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Joshua,

I will get an inspector out to both locations ASAP. We will get employee screening in place and work to get the receipts. We will keep you posted. Thank you for the update and coordination.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 11:23 AM
To: Melius Michael <melius.michael@CO.OLMSTED.MN.US>; Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
Subject: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Hi Michael, Sagar, Matthew, and Meaghan

We have an interesting potential foodborne outbreak investigation. We have two MN cases of *E. coli* O121 from Olmsted county that are closely related by WGS to two cases from Washington. WA reached out and both their cases ate at different Panera locations, and both ate salads that likely contained a common leafy green mix (arugula, romaine, kale, and red leaf). The MN cases both report eating at different Chipotle locations in Rochester (please see the case info in the table below). We need to call our cases back to get better details on the Chipotle ingredients they would have eaten (i.e. salsas)

but both did report romaine lettuce. At this time we are interested in MDA RRT/FDA pursuing a traceback investigation with WA on any common ingredients that our Chipotle cases share with the WA Panera cases. Since it appears to be a multi-state commercially distributed food outbreak, I'm planning to continue to lead the epi investigation.

What I'm requesting of you:

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- Please have the restaurants put in place an employee screening form (attached)
- No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Please let me know if you have any questions.

Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-16904	18			No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) (11/25) 1350 Tacos (steak & chx lettuce, cheese, sour cream) Hubbell House (11/23) Soup beef, maybe other things, Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce)	[REDACTED] [REDACTED] [REDACTED] [REDACTED] has been excluded from work pending 2 negative stool specimens Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House

										& tomato), chicken tenders Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll Perkins (11/22) French toast, bacon, eggs	
H21-16885	21			No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: [Rounds, Joshua \(MDH\)](#)
To: [Sorenson, Alida \(MDA\)](#)
Cc: [Smilanich, Erin \(MDA\)](#)
Subject: FW: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date: Thursday, December 16, 2021 2:38:00 PM
Attachments: [Chipotle S Broadway Invoices.pdf](#)

Hi Alida,

I'm forwarding the Chipotle invoices in two emails. I haven't looked too closely at them yet so let me know if you see any issues.

One update we were able to reinterview the two cases to get more details on their Chipotle orders, they both also had the mild tomato salsa which contains roma tomatoes, red onion, cilantro, jalapenos, salt, and citrus juice. I'm checking with WA to see if those ingredients would have been in the Panera dishes, but at the moment the only common foods between Chipotle and Panera would be romaine lettuce and chicken (and I'm not very interested in chicken).

Thanks!

Lab ID	Restaurants
H21-16904	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, white rice, no beans, romaine lettuce, cheese, sour cream, mild tomato salsa, bottled water) (11/25) 1350 Tacos (steak & chx, romaine lettuce, cheese, sour cream, white rice, no beans, mild tomato salsa, bottled water)
H21-16885	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Chicken, Smoked Brisket, White Rice, romaine Lettuce, Cheese, Salsa, Sour Cream, Mild Tomato Salsa, Chips, Queso Blanco.

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>

Sent: Thursday, December 16, 2021 1:52 PM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

South Location Invoices.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:45 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health
Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 1:40 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Joshua,

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Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
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Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health
Office: 651-201-5083



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Sent: Thursday, December 16, 2021 11:39 AM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Mike Melius <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>

Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>

Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Sent: Thursday, December 16, 2021 11:23 AM

To: Melius Michael <melius.michael@CO.OLMSTED.MN.US>; Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>

Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>

Subject: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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- Please have the restaurants put in place an employee screening form (attached)
- No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Please let me know if you have any questions.

Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-16904	18			No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN)	has been excluded

										<p>(11/23) 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) (11/25) 1350 Tacos (steak & chx lettuce, cheese, sour cream)</p> <p>Hubbell House (11/23) Soup beef, maybe other things, [REDACTED] [REDACTED] [REDACTED] [REDACTED]</p> <p>Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato), chicken tenders</p> <p>Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll</p> <p>Perkins (11/22) French toast, bacon, eggs</p>	<p>from work pending 2 negative stool specimens</p> <p>Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House</p>
H21-16885	21	[REDACTED]	[REDACTED]	No	11/28	11/26	No	Unknown	Unknown	<p>11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester,</p>	<p>Case refused full interview but answered limited questions</p>

										MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	about restaurants
--	--	--	--	--	--	--	--	--	--	---	----------------------

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health
Office: 651-201-5083



From: [Sorenson, Alida \(MDA\)](#)
To: [Rounds, Joshua \(MDH\)](#)
Cc: [Smilanich, Erin \(MDA\)](#)
Subject: FW: MN - E.coli Cluster (WA and MN) Romaine O121 -UPDATE 1/4/2022, will transfer to CORE RT
Date: Tuesday, January 4, 2022 10:35:00 AM

Josh, FYI – FDA is transferring the O121 investigation from Signals to CORE Team 3 this week! I can't tell if what she is saying below means they've already had a firm call with Taylor Farms, or are planning one. A tactics call should be scheduled soon and we'll make sure MDH is on the invite.

Alida

From: Elassar, Sana <Sana.Elassar@fda.hhs.gov>
Sent: Tuesday, January 4, 2022 10:18 AM
To: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Cc: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>; ORA MIN ERC <ORAMINERC@fda.hhs.gov>; Elassar, Sana <Sana.Elassar@fda.hhs.gov>
Subject: RE: MN - E.coli Cluster (WA and MN) Romaine O121 -UPDATE 1/4/2022, will transfer to CORE RT

Greetings Alida and Erin,

FYI - wanted to give you a heads up that this E. coli O121 cluster will be transferred to RT3 this week.

CORE noted that although production in the Salinas growing region has ended for the year, more traceback information including grower level info from Panera and a firm call with Taylor Farms will aid in the investigation of this cluster.

Will pass on the tactics invite as soon as it is available! Many thanks on the grower level information from Chipotle on this one.

Sana A. Elassar (she/her)

Lieutenant, U.S. Public Health Service

Emergency Response Coordinator, HAFW1 (MN, ND, SD, and WI)

Office: 612-758-7156 | **Mobile:** 952-457-1569 | **Fax:** 612-334-4131



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From: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Sent: Thursday, December 30, 2021 8:58 AM
To: Elassar, Sana <Sana.Elassar@fda.hhs.gov>
Cc: StateRFR-Smilanich, Erin <Erin.Smilanich@state.mn.us>; ORA MIN ERC <ORAMINERC@fda.hhs.gov>
Subject: [EXTERNAL] RE: MN - E.coli Cluster (WA and MN) Romaine O121 -UPDATE 12/30/21

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Thanks, Sana! Let me know if there is anything you need from MN or if this does indeed move to a CORE team!

Alida

From: Elassar, Sana <Sana.Elassar@fda.hhs.gov>
Sent: Thursday, December 30, 2021 8:53 AM
To: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Cc: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>; ORA MIN ERC <ORAMINERC@fda.hhs.gov>; Elassar, Sana <Sana.Elassar@fda.hhs.gov>
Subject: RE: MN - E.coli Cluster (WA and MN) Romaine O121 -UPDATE 12/30/21

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Hi Alida and Erin,

Response from SIGNALS below:

We have reviewed all the traceability information and our hypothesis is that the product in question came from Salinas. The records from Chipotle were really helpful, thank you for passing those along! We are currently in the process of evaluating next steps which may include requesting additional grower level information from Taylor Farms. However, given transition of leafy green harvest to the Yuma growing region has already occurred, and Salinas is no longer harvesting, we don't believe there is an immediate, ongoing public health threat.

Let me know if there is anything else. Have a safe, warm and reflective New Year!

Sana A. Elassar (she/her)

Lieutenant, U.S. Public Health Service

Emergency Response Coordinator, HAFW1 (MN, ND, SD, and WI)

Office: 612-758-7156 | **Mobile:** 952-457-1569 | **Fax:** 612-334-4131



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From: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>

Sent: Wednesday, December 29, 2021 4:47 PM

To: Elassar, Sana <Sana.Elassar@fda.hhs.gov>

Cc: StateRFR-Smilanich, Erin <Erin.Smilanich@state.mn.us>

Subject: [EXTERNAL] Romaine O121 - Any Interest?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Sana!

Has there been any interest or movement by CORE to look further into the E. coli O121 outbreak?

Thank you!

Alida

Alida Sorenson, MPH
Response and Outreach Supervisor

[she|her|hers](#)

O: 651-201-6025

C: 651-592-2187

www.mda.state.mn.us



From: [Sorenson, Alida \(MDA\)](#)
To: [Rounds, Joshua \(MDH\)](#)
Subject: FW: RE Washington State Traceability Records - E. coli O121 Cluster
Date: Wednesday, December 22, 2021 4:24:04 PM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[Region of harvest by date and lot number.xlsx](#)
[Romaine Pics2.docx](#)

FYI

From: Smith, David (AGR) <DSmith@agr.wa.gov>
Sent: Tuesday, December 21, 2021 1:57 PM
To: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Cc: James, Caleb (AGR) <CJames@agr.wa.gov>; Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>; Melius, Beth J (DOH) <Beth.Melius@DOH.WA.GOV>
Subject: RE Washington State Traceability Records - E. coli O121 Cluster

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Hi Alida, we wanted to share this information for your team's awareness. Please let me know if you have questions.

-David

From: Smith, David (AGR)
Sent: Tuesday, December 21, 2021 11:54 AM
To: 'Galvez, Steven' <Steven.Galvez@fda.hhs.gov>
Cc: DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>; Burbach, Miriam R <Miriam.Burbach@fda.hhs.gov>; ORA SEA ERC <ORASEAERC@fda.hhs.gov>; Melius, Beth J (DOH) <Beth.Melius@DOH.WA.GOV>; Caleb James (<CJames@agr.wa.gov>
<CJames@agr.wa.gov>
Subject: RE: [EXTERNAL] FW: New E. coli O121 Cluster - Awareness Only

Hi Steven, WSDA Food Safety contacted Panera Bread LLC in Puyallup on Friday, Dec 17th to initiate a records request from Oct 19, 2021 to Nov 19, 2021. This request was focused on receiving and shipping records of Romaine Lettuce to one Panera Bread retail location in Federal Way.

The firm provided the requested information yesterday. They are maintaining detailed receiving records for all products, including Romaine Lettuce from United Salad of Washington State and United Salad in Portland Oregon. Panera Bread LLC stated that Taylor Farms is the sole provider of this product.

Meelay Tellier with DOH was able to compile the information provided by Panera Bread LLC by date and lot number. This file is attached. This indicates the transition from Salinas Valley, California to the Yuma, AZ growing region had just occurred on 11/19/21.

Please let me know if you have any questions.

-David

David Smith | Program Manager

Food Safety | Washington State Department of Agriculture
(360) 902-1876 | Mobile: (360) 239-7019

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Washington
State Department of
Agriculture

Food Safety
and Consumer
Services Division

From: Galvez, Steven <Steven.Galvez@fda.hhs.gov>
Sent: Tuesday, December 21, 2021 9:16 AM
To: Melius, Beth J (DOH) <Beth.Melius@DOH.WA.GOV>; Smith, David (AGR) <DSmith@agr.wa.gov>
Cc: DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>; Burbach, Miriam R <Miriam.Burbach@fda.hhs.gov>; ORA SEA ERC <ORASEAERC@fda.hhs.gov>
Subject: RE: [EXTERNAL] FW: New E. coli O121 Cluster - Awareness Only

External Email

Good morning,

Is there an update on the traceback documents?

V/r,
Steve

From: Galvez, Steven <Steven.Galvez@fda.hhs.gov>
Sent: Friday, December 17, 2021 5:07 PM
To: Melius, Beth J (DOH) <Beth.Melius@DOH.WA.GOV>
Cc: DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>; Burbach, Miriam R <Miriam.Burbach@fda.hhs.gov>; ORA SEA ERC <ORASEAERC@fda.hhs.gov>; StateRFR-Smith, David <dsmith@agr.wa.gov>
Subject: Re: [EXTERNAL] FW: New E. coli O121 Cluster - Awareness Only

Thanks Beth,

David's group is great. If there is any support needed from us please do not hesitate to ask. We look forward to seeing where this leads.

V/r,
Steve

From: Melius, Beth J (DOH) <Beth.Melius@DOH.WA.GOV>
Sent: Friday, December 17, 2021 4:58:43 PM
To: Burbach, Miriam R <Miriam.Burbach@fda.hhs.gov>; Galvez, Steven <Steven.Galvez@fda.hhs.gov>; StateRFR-Smith, David <dsmith@agr.wa.gov>
Cc: DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>
Subject: RE: [EXTERNAL] FW: New E. coli O121 Cluster - Awareness Only

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Thanks Miriam and Steven! David Smith from WSDA is helping us with traceback on leafy greens at the Panera distribution facility in Puyallup, and MN has asked their RRT to traceback the Romaine lettuce from the Chipotle restaurants. We should know more next week!

Thank you!

Beth

From: Burbach, Miriam R <Miriam.Burbach@fda.hhs.gov>
Sent: Wednesday, December 15, 2021 6:31 AM
To: Marshall, Nicole C (DOH) <nicole.marshall@doh.wa.gov>
Cc: Galvez, Steven <Steven.Galvez@fda.hhs.gov>

Subject: RE: [EXTERNAL] FW: New E. coli O121 Cluster - Awareness Only

External Email

Thanks Nicole, Please keep us updated. I am copying Steven Galvez, he is Acting ERC through December. Kelsey Volkman will be returning to duty in January.

Happy Holidays!

Miriam R. Burbach

District Director - FDA Seattle District (AK-ID-MT-OR-WA)

Program Division Director - Office of Human and Animal Foods – Division 6 West

Office of Regulatory Affairs

U.S. Food and Drug Administration, 22215 26th Ave SE, Suite 210, Bothell, WA 98021-4425

T: 425-302-0400 24-hour Number: 425-302-0340 miriam.burbach@fda.hhs.gov



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From: Marshall, Nicole C (DOH) <nicole.marshall@doh.wa.gov>

Sent: Tuesday, December 14, 2021 3:44 PM

To: Burbach, Miriam R <Miriam.Burbach@fda.hhs.gov>

Cc: DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>

Subject: [EXTERNAL] FW: New E. coli O121 Cluster - Awareness Only

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Hi Miriam!

I saw that Kelsey Volkman is out on Maternity leave, so just wanted to pass this on for your awareness in her absence! Thanks!

Best,

Nicole

Nicole Marshall (Schwalbe), MPH

Foodborne and Enteric Disease Epidemiologist

Office of Communicable Disease Epidemiology

Division of Disease Control and Health Statistics

Washington State Department of Health

nicole.marshall@doh.wa.gov

564-999-1233 (cell – direct line) | www.doh.wa.gov

206-364-1060 (fax)

Gender Pronouns: she/her



From: Marshall, Nicole C (DOH)

Sent: Tuesday, December 14, 2021 3:35 PM

To: Smith, David (AGR) <DSmith@agr.wa.gov>; Volkman, Kelsey (FDA/ORA) <Kelsey.Volkman@fda.hhs.gov>

Cc: DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>

Subject: New E. coli O121 Cluster - Awareness Only

Hi David and Kelsey,

We wanted to keep you in the loop on a new cluster we are monitoring. This information is **extremely preliminary** and for **awareness only** at this time.

Currently there are only 3 cases, 2 from Washington and 1 from Minnesota. However we wanted to provide you a summary of our initial information and actions, in case this cluster grows.

On Friday December 10th, WA PHL identified two cases of Shiga toxin-producing *E. coli* O121 closely related by WGS; one from Pierce county and one from Snohomish county. Upon review of the epi information, we noticed that both cases had eaten lunch from a Panera bread location on 11/19, we are still working to determine if these are the same location. Pierce county confirmed their case ordered food from the Panera located at 2107 S. 320th Federal Way in King county. Snohomish is attempting re-interview to confirm the address of the Panera their case ate food from, but noted it was in the South-sound region, initially reporting the "Tacoma Mall".

Based on initial interviews, here is what we know about our two cases Panera bread exposures:

Epi case ID	Lab	PulseNet	County	Onset	Panera Meal Date and time	Meal	Panera location	Note
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	11/19/2021, Lunch	Green Goddess Cobb Salad with Chicken, baguette, French Bistro Onion Soup, Green Passion Smoothie	South Sound location-possibly Tacoma Mall	Noted that a salad item required substitution (possibly pickled red onion)
103823767	WA0697354	PNUSAE091051	Pierce	11/23/2021	11/19/2021, Lunch	Caesar salad w/ chicken, baguette, Creamy Chicken & Wild Rice Soup, unknown beverage	2107 S. 320th Federal Way (outside The Commons mall)	Asked for no romaine so the arugula, romaine, kale, red leaf blend that was also used in the Green Goddess salad was subbed by restaurant (per receipt)

On Monday December 13th, we reached out to our Minnesota colleagues to ask for any additional epi information on their case that is closely related by WGS. Minnesota called their case back to gather epidemiologic info, but questions may have been limited to only restaurant exposures because of an initial refusal to answer questions. They report an onset date of 11/26/21 and no travel. We do know that Minnesota's reported the following exposures:

1. Chipotle Mexican Grill

Meal Date: 11/20/2021

Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket

2. Dominos Pizza

Meal Date: 11/17/2021

Pepperoni Pizza, Cheesy Bread

Additional steps moving forward:

- Snohomish is attempting to confirm the meal location for their case
- Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)
- King County environmental health went out to the Federal Way location today (where we know the Pierce county case lunched) and enquired:
 - About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case
 - Ill food workers, handwashing, food handling, etc.
 - Whether they share workers with other Panera Bread locations

We are waiting to hear back about today's visit.

Again, this is just for your awareness as we continue to monitor this cluster of illness. Thank you and please let us know if you have any questions!

Warm regards,
Nicole

Nicole Marshall (Schwalbe), MPH

Foodborne and Enteric Disease Epidemiologist

Office of Communicable Disease Epidemiology

Division of Disease Control and Health Statistics

Washington State Department of Health

nicole.marshall@doh.wa.gov

564-999-1233 (cell – direct line) | www.doh.wa.gov

206-364-1060 (fax)

Gender Pronouns: she/her



Reportable Enteric Pathogen Case Report Form



Patient ID [REDACTED]
 Result ID 2021_111622108_04
 Person ID PBNFEZPMNMYRRB

Patient's Name: [REDACTED]

Address: [REDACTED]

County: [REDACTED]

Phone No: (H) [REDACTED] (M) [REDACTED] (W) [REDACTED] (Other) [REDACTED]

Sex: **Female** Date of birth (mo/day/yr): [REDACTED]

Race: [REDACTED] Ethnicity: [REDACTED]

Age: **26** if < 1 year, age in months:

Specimen collection date (mo/day/year): **11/28/2021**

Clinical Lab Result Date: **11/29/2021**

Submitting lab: [REDACTED]

Submitting Physician:

Phone:

Physician address:

Source of Specimen: **Stool**

Onset Date: **11/26/2021**

State lab isolate ID number: **H21-16846**

Date received in laboratory: **11/29/2021**

Pathogen: **Shiga Toxin-Producing *E. coli* :**

Was the pathogen identified by culture? **No**

Shiga toxin PCR results at MDH lab: **Stx2+**

Shiga toxin-producing? **Yes**

PFGE:

EIA results at clinical lab: **Positive Undifferentiated**

MLVA:

Shiga toxin PCR results at clinical lab: **Not tested**

Notes:

Was the patient hospitalized? **No**

Hospital name:

Hospital first date of admission (mo/day/yr):

Hospital last date of discharge (mo/day/yr):

Patient ID number: [REDACTED]

Was patient transferred? [REDACTED] Transfer facility name:

Outcome: **Alive**

Treated with antibiotics: **Yes**

Antibiotic Name

Date Prescribed

Dose and Duration

Azithromycin [Zithromax]

11/28/2021

discontinued

Outbreak: **No**

Outbreak Name:

Case found during audit: **No**

Is case report complete: **Yes**

If yes, date case report completed: **11/29/2021**

Person completing case report (initials): **DSV**

Did MDH receive a disease report card? **Yes**

①

Date: 11/30/21 Interviewed in: English Other: _____

Tennessee ☒

Interviewer: DSV

STEC INTERVIEW FORM

Patient's Name (last, first): _____

DOB: _____

Parent's Name (if child): _____

Symptom History

Vomiting	Y <input checked="" type="radio"/> N <input type="radio"/>	Chills	Y <input checked="" type="radio"/> N <input type="radio"/>
Diarrhea	Y <input checked="" type="radio"/> N <input type="radio"/>	Headache	Y <input checked="" type="radio"/> N <input type="radio"/>
Stools/24 hr	<u>25+</u>	Muscle Aches	Y <input checked="" type="radio"/> N <input type="radio"/>
Blood in stool	Y <input checked="" type="radio"/> N <input type="radio"/>	Joint Pain	Y <input checked="" type="radio"/> N <input type="radio"/>
Cramps	Y <input checked="" type="radio"/> N <input type="radio"/>	Temp	_____
Fever	Y <input checked="" type="radio"/> N <input type="radio"/>	Other	<u>fatigue</u>
Comments:			

What was first symptom? diarrhea
 Date of onset: (mm/dd/yy) 11/26/21
 Time of onset: (military) 0600
 Date of onset of diarrhea: 11/26/21
 Time of onset of diarrhea: 0600
 Duration of diarrhea (days) _____ ongoing
 Date of recovery: ____/____/____ ongoing
 Time of recovery: _____

Did you visit an emergency room for this illness? Yes ☒ No ☐ If yes, how many times? 1
 Did you visit an outpatient clinic for this illness? Yes ☐ No ☒ If yes, how many times? _____
 (e.g., urgent care, primary care)
 If hospitalized, did you stay in an Intensive Care Unit (ICU) or Critical Care Unit (CCU)? Yes ☐ No ☒ no hosp
 Were you treated with any antibiotics after the onset of this illness? Yes ☒ No ☐ If yes: _____

Antibiotic #1 Azithromycin
 Date prescribed: 11/29/21
 Start date 11/29/21
 End date 11/29/21 (discont.)
 Duration (days) 1 day
 Did you take the antibiotic before you submitted your stool culture?
 Yes ☐ No ☒
 If yes, how many days before culture? _____
 or SAME DAY ☐

Antibiotic #1 _____
 Date prescribed: ____/____/____
 Start date ____/____/____
 End date ____/____/____
 Duration (days) _____
 Did you take the antibiotic before you submitted your stool culture?
 Yes ☐ No ☐
 If yes, how many days before culture? _____
 or SAME DAY ☐

Antibiotic #1 _____
 Date prescribed: ____/____/____
 Start date ____/____/____
 End date ____/____/____
 Duration (days) _____
 Did you take the antibiotic before you submitted your stool culture?
 Yes ☐ No ☐
 If yes, how many days before culture? _____
 or SAME DAY ☐

TRAVEL

Did you travel internationally in the **6 months** prior to illness? Y ☒ N ☐ U ☐

Where: _____
 Departure: ____/____/____ Return: ____/____/____

Did anyone in your household travel internationally in the **6 months** prior to illness? Y ☒ N ☐ U ☐

Where: _____
 Departure: ____/____/____ Return: ____/____/____

Did you travel during the **week** prior to illness, including immigration/adoption? Y ☒ N ☐ U ☐

Where: _____
 Departure: ____/____/____ Return: ____/____/____

If airline travel, what airline: _____

WATER

Did you have any well water in the week before your illness?

Y **(N)** U

Location (home/cabin); address: _____

Any bottled water?

Y **(N)** U

Brand: _____

Any water directly from a spring, lake, pond, stream, river or other source?

Y **(N)** U

Where: _____ When: _____

Did you swim in an ocean, lake, river, pool, splash pad, or other water venue?

Y **(N)** U

Where: _____ When: _____

FOOD SOURCESWhere did you shop for groceries eaten during the week before your illness? (incl. grocery stores, warehouse stores, online retailers, gas stations, etc.) Walmart _____Hyvee _____

Any meat from any place other than a grocery store? (hunting, butcher shop, private kill, slaughterhouse, or place where you purchased a live animal for slaughter)

(Y) N UType of meat: venison

Source: _____

Where processed: at home**ANIMAL CONTACT**

Did you have any contact with pets (e.g., dogs, cats, reptiles, hedgehogs, rodents, or pet livestock such as chickens, pigs, or horses) at home or elsewhere (incl. school or someone else's home)?

(Y) N U

Species	Describe contact	GI illness in animal
<input checked="" type="checkbox"/> Dog Puppy? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>close contact</u>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> U
<input checked="" type="checkbox"/> Cat Kitten? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>close contact</u>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> U
<input type="checkbox"/> Reptiles/amphibians		<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> U
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> U

Did you feed your pet a raw meat diet or give them animal-based treats like bones, rawhides, pig's ears, or cow hooves?

Y **(N)** U

Specify type: _____

Did you have contact with any animal manure or composted animal manure?

Y **(N)** U

Describe contact (e.g., gardening): _____

Did you live on a farm?	Y (N) U
Specify type: _____	
Did you work on a farm?	Y (N) U
Location: _____ when: _____	
Did you visit a farm?	Y (N) U
Location: _____ when: _____	
Did you visit a fair, petting zoo, or other venue with animals?	Y (N) U
Location: _____ when: _____	

If yes to live/work/visit a farm or animal venue, were any of the following animals present? If yes, did you have contact with them?												
	Home			Work			Other Farm			Petting Zoo/Other Venues		
	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact
Cow	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Goat	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Sheep	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Pig	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Chicken	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Turkey	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Other:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

OTHERS ILL

Do you know of anyone else with a diarrheal illness prior to or following your illness?

Y **(N)** U

Who: _____ When: _____

CHILDCARE/PRESCHOOLDid you attend or work at a childcare/preschool facility prior to or following illness?**(Y)** N UDates attended: M - F usually (for work)

Name of facility: _____

Name of director: _____

Phone number: _____

Address: _____

Did case attend while ill? ☐ Y ☒ N ☐ U

If yes, when: _____

Are you aware of other GI illness? ☐ Y ☒ N ☐ U

If yes, detail: _____

For children that attend childcare or childcare employees:

We will contact the daycare provider to determine if any other children have been ill and to provide information and recommendations to prevent the spread of illness. Do you have any concerns about disclosing your/your child's name to the childcare?

Tennessee read ☐☐ Yes, I do have concerns ☒ No, I do not have concerns**For STEC O157 or stx2 or stx pending/unknown childcare attendees/employees ONLY:**

Additionally, because Shiga-toxin producing *E. coli* can cause severe complications and can be easily spread at daycare, restrictions apply to children/adults with this type of illness who attend/work at daycare. An epidemiologist will contact you as soon as possible to discuss these restrictions. You/your child may not attend daycare at this time.

Tennessee read ☒

If your child still has diarrhea, he/she may not attend daycare until fully recovered.

EVENTS

Did you attend any large gatherings (weddings, receptions, showers, parties, festivals, fairs, etc)

Y **(N)** UDate: 11/25/21 Time: 1800 Location: Grandma's HouseType of event: ThanksgivingFoods served: Turkey, stuffing, mashed potatoes, coke can, cake,
coffee cake barAnyone else ill? ☐ Y ☒ N ☐ U

Names/contact information of others ill: _____

RESTAURANTS

Did you eat any food/beverages from any:

- restaurants
- take out or delivery
- coffee shops
- cafeterias
- delis
- food trucks/stands
- meal delivery kits

(Y) N U

Name: Chipotle Date: 11/17/21 Time: 1930

Address: 3780 Marketplace Dr NW #100, Rochester, MN 55901

Food/drink detail: burrito bowl 1: white rice, pinto beans, guac, lettuce, salsa ^{tomato}

Name: Grandma's Kitchen Date: 11/19/21 Time: 1800

Address: [REDACTED]

Food/drink detail: Breakfast Special (eggs, bacon, toast, hash browns), iced tea (lemon wedge)

Name: HyVee Chinese Food Date: 11/23/21 Time: 1830

Address: [REDACTED]

Food/drink detail: fried rice, orange chicken (sesame seeds), egg roll

Name: Kwik Trip #418 Date: 11/25/21 Time: 1200

Address: [REDACTED]

Food/drink detail: Captain Crunch cereal (little pack) → like a flip cup

Name: _____ Date: _____ Time: _____

Address: _____

Food/drink detail: _____

Name: _____ Date: _____ Time: _____

Address: _____

Food/drink detail: _____

**Please re-prompt for any non-restaurant exposures*

5-DAY FOOD HISTORY

*Please prompt case with previously reported events and restaurants.

Meal time	Meal	Ate at home	Ate outside the home	Outside location	Foods eaten
Date/day prior to onset: <u>11/25</u> <u>Thur</u>					
	Breakfast	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Captain Crunch, Spam eggs
	Lunch	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Tuna sandwich
1800	Dinner	<input type="checkbox"/>	<input checked="" type="checkbox"/>	at grandma's house	Turkey, stuffing, mashed potatoes, cake, coffee cake
	Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>		chips
Date: <u>11/24</u> <u>wed</u>					
	Breakfast	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Spam eggs
	Lunch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	School	School food or Tuna sandwich
	Dinner	<input type="checkbox"/>	<input type="checkbox"/>		
	Other	<input type="checkbox"/>	<input type="checkbox"/>		
Date: <u>11/23</u> <u>Tue</u>					
	Breakfast	<input checked="" type="checkbox"/>	<input type="checkbox"/>		SPAM eggs
	Lunch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	School lunch	Breaded chicken patty, pineapple
1830	Dinner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	from HyVee Chinese food	Fried rice, orange chicken, egg rolls, sesame seeds
	Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Leftovers of venison stroganoff, asparagus
Date: <u>11/22</u> <u>Mon</u>					
	Breakfast	<input checked="" type="checkbox"/>	<input type="checkbox"/>		SPAM eggs
	Lunch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	School lunch	Sloppy Joe's
	Dinner	<input checked="" type="checkbox"/>	<input type="checkbox"/>		venison stroganoff, asparagus
	Other	<input type="checkbox"/>	<input type="checkbox"/>		
Date: <u>11/21</u> <u>Sun</u>					
	Breakfast	<input checked="" type="checkbox"/>	<input type="checkbox"/>		SPAM eggs
	Lunch	<input type="checkbox"/>	<input type="checkbox"/>		
	Dinner	<input type="checkbox"/>	<input type="checkbox"/>		
	Other	<input type="checkbox"/>	<input type="checkbox"/>		

FOOD CONSUMPTION HISTORY

The following questions refer to the 7 days prior to illness onset

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
EGGS/DAIRY							
Eggs	✓			① Breakfast special ② Great Value	over-medium or fried	Grandma's Kitchen Walmart	11/19
Prepared dish with eggs (e.g., egg bake, quiche, custard)		✓					
Any batter with raw eggs (e.g., cookie dough)	✓			coffee cake (canned pumpkin)	"a few finger licks"	Walmart	11/24
Did you or anyone in your household use flour in any baking or cooking?	✓			unbleached white Great Value	made pumpkin coffee cake	Walmart	
Pasteurized cow's or goat's milk	✓			goat milk (ultra pasteurized) ↓ Meyenberg Brand	with cereal	Walmart	
Unpasteurized milk		✓					
Shredded cheese		✓					
Block cheese or cheese slices (specify)		✓					
String cheese or cheese curds		✓					
Queso fresco or Mexican-style cheese		✓					
Other cheeses (e.g., Gouda, blue, feta, chevre, brie, goat)		✓					
Ice cream		✓					
Frozen dessert treats		✓					
Yogurt		✓					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Milk alternatives (e.g., soy, almond, rice milk)	✓			① Almond: HyVee (original unsweetened) ② chobani oat (original plain)	② cooking	HyVee	
Other dairy (e.g., cottage cheese, cream cheese, sour cream)	✓			① butter (Great Value) ② butter (HyVee)	on Turkey	Walmart HyVee (Albert Lea)	11/25
MEAT/POULTRY/SEAFOOD							
Ground beef		✓					
If ground beef was an ingredient, specify type of dish: _____ How was the ground beef cooked? <input type="checkbox"/> Raw <input type="checkbox"/> Rare (red in middle) <input type="checkbox"/> Medium (pink in middle) <input type="checkbox"/> Well (no pink) How was the ground beef packaged? <input type="checkbox"/> Tube <input type="checkbox"/> Tray <input type="checkbox"/> Pre-made patties <input type="checkbox"/> Other: _____ Package size: _____ Percent lean (e.g., 80/20): _____							
Veal		✓					
Other beef (e.g., steak)		✓					
Chicken (incl. ground)	✓			- chicken patty - orange chicken	breaded rice bowl	- School lunch - HyVee Chinese Food	Tue 11/23 11/23
Stuffed chicken product (e.g., chicken Kiev)		✓					
Turkey (incl. ground)	✓			Turkey	Stove cooked	HyVee Albert Lea	11/25
Pork (e.g., ham, bacon)	✓			① SPAM ② Sloppy Joe's ③ bacon		- Walmart - School lunch	11/22 Mon
Lamb		✓				- Grandma's Kitchen	11/19
Sausage		✓					
Venison or other meat/poultry	✓			venison stroganoff		hunting	11/22 11/23
Fish (incl. sushi, ceviche)	✓			canned tuna	tuna sandwich	Walmart	
Shrimp		✓					
Other seafood		✓					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
FROZEN PROCESSED FOODS							
Frozen dinners/ entrees (e.g., Lean Cuisine, pot pies)		✓					
Frozen pizza		✓					
Other frozen, microwavable foods		✓					
FRUITS (FRESH, FROZEN, OR DRIED)							
Oranges		✓					
Other citrus (e.g., grapefruit, lemon, lime, tangerine)	✓			lemon wedge	iced tea	Grandma's Kitchen	11/19
Pears		✓					
Apples		✓					
Other tree fruit (e.g., apricot, plum, nectarine, peach)		✓					
Strawberries		✓					
Other berries (e.g., blue, black, or raspberries)		✓					
Grapes (specify color)		✓					
Bananas	✓					walmart	
Watermelon (specify seeds or seedless)		✓					
Cantaloupe		✓					
Honeydew or other melon		✓					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Other fruit (e.g., mango, pomegranate, kiwi, pineapple)	✓			pineapple	canned	school lunch	Tue 11/23
Unpasteurized apple cider		✓					
Fresh-squeezed, raw/unpasteurized juice, or smoothies		✓					
Other juice		✓					
VEGETABLES (FRESH OR FROZEN)							
Prepackaged salad (specify bag or clamshell)		✓					
Iceberg		✓					
Romaine	✓			① romaine ② shredded romaine	sandwich (Tuna) burrito bowl	Walmart Chipotle	11/17
Spinach		✓					
Cabbage		✓					
Other lettuce/leafy greens (e.g., spring mix, kale, arugula, Swiss chard, endive)		✓					
Tomatoes (e.g., vine-on, heirloom, roma, beefsteak, grape, incl. on sandwich or salad)	✓			tomato salsa	burrito bowl	chipotle	11/17
Cucumbers (e.g., English, garden, mini, Persian)		✓					
Bell/sweet peppers (specify color/size)		✓					
Hot peppers/chilies (incl. salsa, and other dishes)	✓			tomato salsa	burrito bowl	chipotle	11/17
Asparagus	✓				fresh, oven cooked	Walmart	Mon+Tue 11/22 11/23

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Celery	✓				in egg roll	HyVee Chinese Food	11/23
Carrots (specify baby or normal)	✓			Matchstick carrots	in fried rice and eggroll	HyVee Chinese Food	11/23
Radishes		✓					
Pea pods/snap peas		✓					
Onions (red/white/yellow)	✓			yellow	sauteed	Walmart	
Green onions/scallions		✓					
Broccoli		✓					
Cauliflower		✓					
Sprouts (e.g., alfalfa, bean, radish, clover)		✓					
Cilantro (incl. in fresh salsa and other dishes)	✓			white rice		chipotle	11/17
Other fresh herbs (e.g., basil, parsley, thyme, mint, sage)	✓			parsley	in Venison Stroganoff	Walmart	11/22 + 11/23
Mushrooms (e.g., white, portabella, crimini)	✓			① pre-sliced white mushrooms	in venison Stroganoff	Walmart	11/22 + 11/23
Tofu/tempeh/seitan		✓					
Zucchini/summer squash (including spiralized)		✓					
				- pinto beans	burrito bowl	chipotle	11/17
Other vegetables	✓			- mashed potatoes (white) - hashbrowns → Grandma's Kitchen		- HyVee in Albert Lea	11/25 11/19
Pasta salad (ingredients/brand)		✓					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Potato salad (ingredients/brand)		✓					
OTHER							
Nuts (e.g., almonds, pecans, walnuts, peanuts, cashews) -specify roasted, raw, in the shell	✓			cashews	cashew sauce in Stroganoff	Walmart	11/22 + 11/23
Hummus or tahini (specify)		✓					
Sesame seeds	✓				fried rice bowl	Hyvee Chinese Food	11/23
Other seeds (e.g., flax, sunflower, chia, hemp)		✓					
Snacks such as soy nuts, corn nuts, chickpeas, wasabi peas		✓					
Salsa	✓			tomato salsa	burrito bowl	Chipotle	11/17
Avocado (incl. guacamole)	✓			guac	burrito bowl	Chipotle	11/17
Recently purchased spices (e.g., black pepper, white pepper, paprika, oregano, cumin)		✓					
Spice rubs or blends		✓					
Peanut butter		✓					
Chocolate		✓					
Trail mix or granola		✓					
Chips, crackers, popcorn or other snack foods	✓			① Pringles Honey Mustard ② cheerios (Plain) ③ Captain Crunch		①+2 Walmart ③ Kwik Trip	① 11/25 11/25

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Nutritional supplements, protein/whey powder, meal replacements		<input checked="" type="checkbox"/>		- toast + iced tea		- Grandma's Kitchen	11/19
Anything I didn't ask?	<input checked="" type="checkbox"/>			- stuffing - cake - white rice - fried rice	- burrito bowl - bowl	- Grandma's House - Chipotle - HyVee Chinese Food	11/25 11/17 11/23

ADULT CASES ONLY

Did you have any sexual contact with a male?

☒ Y ☐ N ☐ U

Did you have any sexual contact with a female?

Y ☒ N ☐ U

DEMOGRAPHICS

For adult cases:

Occupation: [REDACTED]

Name of employer: [REDACTED]

Address/city of employer: [REDACTED]

Work phone: [REDACTED]

For child cases:

School name/address: [REDACTED]

Parent 1 occupation: [REDACTED]

Parent 2 occupation: [REDACTED]

All cases

Languages spoken at home

- [REDACTED]
- [REDACTED]

Ethnicity: [REDACTED]

Race: [REDACTED]

Specify: [REDACTED]

SENSITIVE OCCUPATION STATEMENTS

Food workers:

People continue to shed STEC in their stools after they feel better and can still spread STEC to others. It is essential that you have excellent hand washing after going to the bathroom and before handling foods to prevent transmitting STEC to patrons. Work restrictions/exclusions may apply to people with STEC infections who work in food service. You will be contacted by an epidemiologist if restrictions apply to you.

Statement read [REDACTED]

Healthcare workers:

People continue to have STEC in their stools after they feel better and can still spread STEC to others. It is essential that you have excellent hand washing after going to the bathroom to prevent transmitting STEC to patients. Work restrictions/exclusions may apply to people with STEC infections who work in healthcare and have contact with patients. You will be contacted by an epidemiologist if restrictions apply to you.

Statement read [REDACTED]

Only read if the case answered "yes" to any of the farm, fair, or petting zoo questions.

UMASH Study Reminder

During the interview you (or your child) reported exposure to farm animals prior to becoming ill. Because of this, someone else from MDH will be calling your back to see if you would be willing to answer some additional questions about your (your child's) farm animal exposure. MDH is part of an agricultural safety and health center housed at the University of Minnesota and we are trying to learn more about how to keep people healthy. Is there a specific day of the week or time of day that would be better to call you back? (If so, please indicate below).

Day of week (circle one): Sunday Monday Tuesday Wednesday Thursday Friday Saturday

Time of day: _____ ☐ am ☐ pm ☐ No preference

(for adult cases) If you are not available to talk when we call, may we ask your spouse/partner these questions?

☐ Yes ☐ No Name: _____

Notes: _____

IF CASE LIVES/WORKS ON A FARM (TIER 1):

1. Is this a full-time or part-time operation? ☐ Full-time ☐ Part-time
 - a. **If full-time:** Do you primarily: ☐ grow crops **OR** ☐ raise animals
(Have them pick one. Whichever one is 51% or more of their sales)
 - b. **If part-time,** did the farm produce at least \$1,000 worth of product in the last year? ☐ Yes ☐ No ☐ DK

IF CASE VISITED A FARM (TIER 2):

1. What type of farm was it?
 - ☐ Raises livestock and/or poultry for a living
 - ☐ Hobby Farm
 - ☐ Backyard Poultry Only

Describe: _____

Reportable Enteric Pathogen Case Report Form

DEPARTMENT
OF HEALTHPatient ID [REDACTED]
Result ID 2021_111614491_04
Person ID PBNFEOXIYINLMM

FN only

Patient's Name: [REDACTED]

Address: [REDACTED]

County: [REDACTED]

Phone No: (H) [REDACTED] (M) [REDACTED] (W) [REDACTED] (Other) [REDACTED]

Sex: Female

Date of birth (mo/day/yr): [REDACTED]

Race: [REDACTED]

Ethnicity: [REDACTED]

Age: 21 if < 1 year, age in months:

Specimen collection date (mo/day/year): 11/28/2021

Clinical Lab Result Date: 11/28/2021

Submitting lab: [REDACTED]

Submitting Physician: [REDACTED]

Phone: [REDACTED]

Physician address: [REDACTED]

MN

Source of Specimen: Stool

Onset Date: 11/26/2021

State lab isolate ID number: H21-16885

Date received in laboratory: 11/30/2021

Pathogen: Shiga Toxin-Producing *E. coli* : O121:H19

Was the pathogen identified by culture? Yes

Shiga toxin PCR results at MDH lab: Stx2+

Shiga toxin-producing? Yes

PFGE:

EIA results at clinical lab: Not tested

MLVA:

Shiga toxin PCR results at clinical lab: Positive Undifferentiated

Notes: FN only

travel: NO

Daycare: NO

Was the patient hospitalized? No

Hospital name:

Hospital first date of admission (mo/day/yr):

Hospital last date of discharge (mo/day/yr):

Patient ID number: [REDACTED]

Was patient transferred?

Transfer facility name:

Outcome: Alive

Treated with antibiotics: No

Antibiotic Name

Date Prescribed

Dose and Duration

Outbreak: No

Outbreak Name:

Case found during audit: No

Is case report complete: Yes

If yes, date case report completed: 12/01/2021

Person completing case report (initials): DSV

Did MDH receive a disease report card? Yes

Reportable Enteric Pathogen Case Report Form



Patient ID [REDACTED]
Result ID 2021_111637536_04
Person ID PBNFEKTPOEBGPEZ

Patient's Name: [REDACTED]

Address: [REDACTED]

County: [REDACTED]

County

Phone No: (H) [REDACTED] (M) [REDACTED] (W) [REDACTED] (Other) [REDACTED]

Sex: Female

Date of birth (mo/day/yr): [REDACTED]

Race: [REDACTED]

Ethnicity: [REDACTED]

Age: 15 if < 1 year, age in months:

Specimen collection date (mo/day/year): 11/29/2021

Clinical Lab Result Date: 11/29/2021

Submitting lab:

Submitting Physician:

Phone:

Physician address:

Source of Specimen: Stool

Onset Date: 11/26/2021

State lab isolate ID number: H21-16907

Date received in laboratory:

Pathogen: Shiga Toxin-Producing *E. coli* :

Was the pathogen identified by culture? No

Shiga toxin PCR results at MDH lab: Negative

Shiga toxin-producing? No

PFGE:

EIA results at clinical lab: Not tested

MLVA:

Shiga toxin PCR results at clinical lab: Positive Undifferentiated

Notes:

Was the patient hospitalized? No

Hospital name:

Hospital first date of admission (mo/day/yr):

Hospital last date of discharge (mo/day/yr):

Patient ID number: [REDACTED]

Was patient transferred?

Transfer facility name:

Outcome: Alive

Treated with antibiotics: No

Antibiotic NameDate PrescribedDose and Duration

Outbreak: No

Outbreak Name:

Case found during audit: No

Is case report complete: Yes

If yes, date case report completed: 11/30/2021

Person completing case report (initials): DSV

Did MDH receive a disease report card? Yes

Date: 11/30/21 Interviewed in: English Other: _____

Tennessee ☒

Interviewer: EBR

STEC INTERVIEW FORM

Patient's Name (last, first): _____

DOB: _____

Parent's Name (if child): _____

Symptom History

Vomiting ☒ Y ☒ N

Diarrhea ☒ Y ☒ N

Stools/24 hr +10

Blood in stool ☒ Y ☒ N

Cramps ☒ Y ☒ N

Fever ☒ Y ☒ N

Comments: _____

Chills ☒ Y ☒ N

Headache ☒ Y ☒ N

Muscle Aches ☒ Y ☒ N

Joint Pain ☒ Y ☒ N

Temp _____

Other none

What was first symptom? diarrhea

Date of onset: (mm/dd/yy) 11/26/21

Time of onset: (military) 0600

Date of onset of diarrhea: 11/26/21

Time of onset of diarrhea: 0600

Duration of diarrhea (days) ongoing

Date of recovery: _____

Time of recovery: _____

Did you visit an emergency room for this illness?

Yes ☒ No ☐

If yes, how many times? 2

Did you visit an outpatient clinic for this illness?

Yes ☐ No ☒

If yes, how many times? _____

(e.g., urgent care, primary care)

If hospitalized, did you stay in an Intensive Care Unit (ICU) or Critical Care Unit (CCU)? Yes ☐ No ☒ N/A

Were you treated with any antibiotics after the onset of this illness? Yes ☐ No ☒ If yes: _____

Antibiotic #1 _____

Date prescribed: ____/____/____

Start date ____/____/____

End date ____/____/____

Duration (days) _____

Did you take the antibiotic before you submitted your stool culture?

Yes ☐ No ☐

If yes, how many days before culture? _____

or SAME DAY ☐

Antibiotic #1 _____

Date prescribed: ____/____/____

Start date ____/____/____

End date ____/____/____

Duration (days) _____

Did you take the antibiotic before you submitted your stool culture?

Yes ☐ No ☐

If yes, how many days before culture? _____

or SAME DAY ☐

Antibiotic #1 _____

Date prescribed: ____/____/____

Start date ____/____/____

End date ____/____/____

Duration (days) _____

Did you take the antibiotic before you submitted your stool culture?

Yes ☐ No ☐

If yes, how many days before culture? _____

or SAME DAY ☐

TRAVEL

Did you travel internationally in the 6 months prior to illness?

Y ☒ N ☐ U ☐

Where: _____

Departure: ____/____/____ Return: ____/____/____

Did anyone in your household travel internationally in the 6 months prior to illness?

Y ☒ N ☐ U ☐

Where: _____

Departure: ____/____/____ Return: ____/____/____

Did you travel during the week prior to illness, including immigration/adoption?

Y ☒ N ☐ U ☐

Where: _____

Departure: ____/____/____ Return: ____/____/____

If airline travel, what airline: _____

WATER

Did you have any well water in the week before your illness?

Y ☒ N U

Location (home/cabin); address: _____

Any bottled water?

Y ☒ N U

Brand: _____

Any water directly from a spring, lake, pond, stream, river or other source?

Y ☒ N U

Where: _____ When: _____

Did you swim in an ocean, lake, river, pool, splash pad, or other water venue?

Y ☒ N U

Where: _____ When: _____

FOOD SOURCESWhere did you shop for groceries eaten during the week before your illness? (incl. grocery stores, warehouse stores, online retailers, gas stations, etc.) *Hy-Vee Costco**Sam's Club**Faraway**Kwik Trip*

Any meat from any place other than a grocery store? (hunting, butcher shop, private kill, slaughterhouse, or place where you purchased a live animal for slaughter)

Y ☒ N U

Type of meat: _____

Source: *Costco or Sam's Club*Where processed: _____ *usually***ANIMAL CONTACT**

Did you have any contact with pets (e.g., dogs, cats, reptiles, hedgehogs, rodents, or pet livestock such as chickens, pigs, or horses) at home or elsewhere (incl. school or someone else's home)?

Y ☒ N U

Species

Describe contact

GI illness in animal

☐ Dog Puppy? ☐ Y ☐ N☐ Y ☐ N ☐ U☐ Cat Kitten? ☐ Y ☐ N☐ Y ☐ N ☐ U☐ Reptiles/amphibians☐ Y ☐ N ☐ U☐ Other: _____☐ Y ☐ N ☐ U

Did you feed your pet a raw meat diet or give them animal-based treats like bones, rawhides, pig's ears, or cow hooves?

Y ☒ N USpecify type: _____ *NA*

Did you have contact with any animal manure or composted animal manure?

Y ☒ N U

Describe contact (e.g., gardening): _____

Did you live on a farm?	Y <input checked="" type="radio"/> N U
Specify type: _____	
Did you work on a farm?	Y <input checked="" type="radio"/> N U
Location: _____ when: _____	
Did you visit a farm?	Y <input checked="" type="radio"/> N U
Location: _____ when: _____	
Did you visit a fair, petting zoo, or other venue with animals?	Y <input checked="" type="radio"/> N U
Location: _____ when: _____	

If yes to live/work/visit a farm or animal venue, were any of the following animals present?												
If yes, did you have contact with them?												
	Home			Work			Other Farm			Petting Zoo/Other Venues		
	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact	Present – No Contact	Contact	Describe Contact
Cow	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Goat	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Sheep	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Pig	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Chicken	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Turkey	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Other:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

OTHERS ILL

Do you know of anyone else with a diarrheal illness prior to or following your illness?

Y **N** U

Who: _____ When: _____

CHILDCARE/PRESCHOOL

Did you attend or work at a childcare/preschool facility prior to or following illness?

Y **N** U

Dates attended: _____

Name of facility: _____

Name of director: _____ Phone number: _____

Address: _____

Did case attend while ill? ☐ Y ☐ N ☐ U

If yes, when: _____

Are you aware of other GI illness? ☐ Y ☐ N ☐ U

If yes, detail: _____

For children that attend childcare or childcare employees:

We will contact the daycare provider to determine if any other children have been ill and to provide information and recommendations to prevent the spread of illness. Do you have any concerns about disclosing your/your child's name to the childcare?

Tennessee read ☐☐ Yes, I do have concerns ☐ No, I do not have concerns**For STEC O157 or stx2 or stx pending/unknown childcare attendees/employees ONLY:**

Additionally, because Shiga-toxin producing *E. coli* can cause severe complications and can be easily spread at daycare, restrictions apply to children/adults with this type of illness who attend/work at daycare. An epidemiologist will contact you as soon as possible to discuss these restrictions. You/your child may not attend daycare at this time.

Tennessee read ☐**If your child still has diarrhea, he/she may not attend daycare until fully recovered.****EVENTS**

Did you attend any large gatherings (weddings, receptions, showers, parties, festivals, fairs, etc)

Y **N** UDate: 11/25 Time: 1200 Location: case's homeType of event: ThanksgivingFoods served: turkey breast, ham, buns, green beans, banana cream pieAnyone else ill? ☐ Y ☒ N ☐ U

Names/contact information of others ill:

RESTAURANTS

Did you eat any food/beverages from any:

- restaurants
- cafeterias
- food trucks/stands
- take out or delivery
- delis
- meal delivery kits
- coffee shops

☒ Y ☐ N ☐ U

Name: Dominio's (most likely) Date: 11/20 Time: _____
 Address: _____
 Food/drink detail: unk type of pizza pizza w/ basketball team (17 people)

Name: Chipotle Date: 11/23 Time: ~1800
 Address: 3780 Marketplace Dr NW #100, Rochester, MN 55901
 Food/drink detail: chx bowl w/ white rice, cheese, lettuce, pico, maybe chips

Name: Starbucks Date: 11/23 Time: lunch
 Address: _____
 Food/drink detail: coffee (unk type, sometimes has almond milk) chocolate covered croissant

Name: High School Cafeteria Date: 11/19+11/22 Time: lunch
 Address: _____
 Food/drink detail: unknown - school lunch

Name: _____ Date: _____ Time: _____
 Address: _____
 Food/drink detail: _____

Name: _____ Date: _____ Time: _____
 Address: _____
 Food/drink detail: _____

***Please re-prompt for any non-restaurant exposures**

*brother also went to Chipotle, was not sick. Had same order as Sister except his was a burrito, no pico and no lettuce.

5-DAY FOOD HISTORY

**Please prompt case with previously reported events and restaurants.*

Meal time	Meal	Ate at home	Ate outside the home	Outside location	Foods eaten
Date/day prior to onset: <u>11/25</u>					
	Breakfast	<input type="checkbox"/>	<input type="checkbox"/>		unknown
1200	Lunch	<input checked="" type="checkbox"/>	<input type="checkbox"/>		turkey, ham, store-bought
	Dinner	<input type="checkbox"/>	<input type="checkbox"/>		Rhodes buns, green beans,
	Other	<input type="checkbox"/>	<input type="checkbox"/>		banana and cream pie
Date: <u>11/24</u>					
	Breakfast	<input type="checkbox"/>	<input type="checkbox"/>		unknown
	Lunch	<input type="checkbox"/>	<input type="checkbox"/>		
	Dinner	<input type="checkbox"/>	<input type="checkbox"/>		
	Other	<input type="checkbox"/>	<input type="checkbox"/>		
Date: <u>11/23</u>					
	Breakfast	<input type="checkbox"/>	<input type="checkbox"/>		
	Lunch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Starbucks	coffee (unk type), choc covered croissant
~ 1800	Dinner	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chipotle	chx bowl w/ cheese, lettuce, pico
	Other	<input type="checkbox"/>	<input type="checkbox"/>		salsa, maybe chips
Date: <u>11/22</u>					
	Breakfast	<input type="checkbox"/>	<input type="checkbox"/>		
	Lunch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	School	unknown
	Dinner	<input type="checkbox"/>	<input type="checkbox"/>		
	Other	<input type="checkbox"/>	<input type="checkbox"/>		
Date: <u>11/21</u>					
	Breakfast	<input type="checkbox"/>	<input type="checkbox"/>		unknown
	Lunch	<input type="checkbox"/>	<input type="checkbox"/>		
	Dinner	<input type="checkbox"/>	<input type="checkbox"/>		
	Other	<input type="checkbox"/>	<input type="checkbox"/>		

FOOD CONSUMPTION HISTORY

The following questions refer to the 7 days prior to illness onset

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
EGGS/DAIRY							
Eggs	X				hardboiled	any store, likely HyVee or Kwik Trip	
Prepared dish with eggs (e.g., egg bake, quiche, custard)		X					
Any batter with raw eggs (e.g., cookie dough)		X					
Did you or anyone in your household use flour in any baking or cooking?		X					
Pasteurized cow's or goat's milk	X			1% milk		Kwik Trip, Costco, Sam's	
Unpasteurized milk		X		⑥ Cheese on Dominos pizza ⑤ Cheese on Bellatorina pizza		⑥ Dominos ⑤ HyVee	⑥ 11/20
Shredded cheese	X			① cheese on chx bowl ② large bag of shredded blend (like co Jack) ③ large bag shredded cheddar ④ 8oz bags of mozzarella + ⑤ provolone - HyVee brand		① Chipotle ② Costco ③ Sam's Club ④ + ⑤ HyVee	① 11/23
Block cheese or cheese slices (specify)	X			Pepper Jack slices		Sam's Club	
String cheese or cheese curds		X					
Queso fresco or Mexican-style cheese		X					
Other cheeses (e.g., Gouda, blue, feta, chevre, brie, goat)		X					
Ice cream		X					
Frozen dessert treats		X					
Yogurt		X					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Milk alternatives (e.g., soy, almond, rice milk)		X		Sometimes gets almond milk in coffee at Starbucks - unk in POI			
Other dairy (e.g., cottage cheese, cream cheese, sour cream)		X					
MEAT/POULTRY/SEAFOOD							
Ground beef	X			from behind meat counter (in Fareway walk-in cooler)	Talos (cheese, lettuce, salsa)	Fareway (purchased in October)	unk - maybe 11/20 or 11/21
If ground beef was an ingredient, specify type of dish: <u>Talos</u> How was the ground beef cooked? <input type="checkbox"/> Raw <input type="checkbox"/> Rare (red in middle) <input type="checkbox"/> Medium (pink in middle) <input checked="" type="checkbox"/> Well (no pink) How was the ground beef packaged? <input checked="" type="checkbox"/> Tube <input type="checkbox"/> Tray <input type="checkbox"/> Pre-made patties <input type="checkbox"/> Other: _____ Package size: <u>10 lbs</u> Percent lean (e.g., 80/20): <u>85/15</u>							
Veal		X					
Other beef (e.g., steak)		X					
Chicken (incl. ground)	X			① generic frozen chr breast, large bag ② chr bowl	① baked, chr Alfredo	① Sam's Club ② Chipotle	① Dunk night ② 11/23
Stuffed chicken product (e.g., chicken Kiev)		X					
Turkey (incl. ground)	X			Pre-packaged turkey breast		Sam's	11/25
Pork (e.g., ham, bacon)	X			bone-in ham		Costco	11/25
Lamb		X					
Sausage	X			Bellatorria sausage pizza		Hyvee	
Venison or other meat/poultry		X					
Fish (incl. sushi, ceviche)		X					
Shrimp		X					
Other seafood		X					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
FROZEN PROCESSED FOODS							
Frozen dinners/ entrees (e.g., Lean Cuisine, pot pies)		X					
Frozen pizza	X			Bellatona Sausage pizza		HyVee	
Other frozen, microwavable foods		X					
FRUITS (FRESH, FROZEN, OR DRIED)							
Oranges		X					
Other citrus (e.g., grapefruit, lemon, lime, tangerine)	X			lemon + lime juice	pico salsa	Chipotle	11/23
Pears		X					
Apples		X					
Other tree fruit (e.g., apricot, plum, nectarine, peach)		X					
Strawberries		X					
Other berries (e.g., blue, black, or raspberries)		X					
Grapes (specify color)		X					
Bananas	X			① Dole banana ② banana cream pie ↳ Marie Callender frozen		① HyVee ② HyVee	② 11/25
Watermelon (specify seeds or seedless)		X					
Cantaloupe		X					
Honeydew or other melon		X					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Other fruit (e.g., mango, pomegranate, kiwi, pineapple)		X					
Unpasteurized apple cider		X					
Fresh-squeezed, raw/unpasteurized juice, or smoothies		X					
Other juice		X					
VEGETABLES (FRESH OR FROZEN)							
Prepackaged salad (specify bag or clamshell)	X			" "			
Iceberg	X			iceberg shreds in red bag (Lunk brand)	tacos	HyVee	
Romaine	X			lettuce in chx bowl		Chipotle	11/23
Spinach		X					
Cabbage		X					
Other lettuce/leafy greens (e.g., spring mix, kale, arugula, Swiss chard, endive)		X					
Tomatoes (e.g., vine-on, heirloom, roma, beefsteak, grape, incl. on sandwich or salad)	X			tomato	pico salsa	Chipotle	11/23
Cucumbers (e.g., English, garden, mini, Persian)		X					
Bell/sweet peppers (specify color/size)		X					
Hot peppers/chilies (incl. salsa, and other dishes)	X			Jalapeno	pico salsa	Chipotle	11/23
Asparagus		X					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Celery		X					
Carrots (specify baby or normal)		X					
Radishes		X					
Pea pods/snap peas		X					
Onions (red/white/yellow)	X			red onion	pico salsa	Chipotle	11/23
Green onions/scallions		X					
Broccoli		X					
Cauliflower		X					
Sprouts (e.g., alfalfa, bean, radish, clover)		X					
Cilantro (incl. in fresh salsa and other dishes)	X			Cilantro in chrbowl		Chipotle	11/23
Other fresh herbs (e.g., basil, parsley, thyme, mint, sage)		X					
Mushrooms (e.g., white, portabella, crimini)		X					
Tofu/tempeh/seitan		X					
Zucchini/summer squash (including spiralized)		X					
Other vegetables	X			Canned green beans		HyVee	11/25
Pasta salad (ingredients/brand)		X					

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Potato salad (ingredients/brand)		X					
OTHER							
Nuts (e.g., almonds, pecans, walnuts, peanuts, cashews) -specify roasted, raw, in the shell		X					
Hummus or tahini (specify)		X					
Sesame seeds		X					
Other seeds (e.g., flax, sunflower, chia, hemp)		X					
Snacks such as soy nuts, corn nuts, chickpeas, wasabi peas		X					
Salsa	X			① pico salsa ② fresh basil cilantro	① Cilantro, onion, jalapeño, tomato, lemon/lime juice, sulfur ② w/ tacos	① Chipotle ② Sam's	① 11/23
Avocado (incl. guacamole)		X		jarred salsa (sealed, big jar)			
Recently purchased spices (e.g., black pepper, white pepper, paprika, oregano, cumin)		X					
Spice rubs or blends		X					
Peanut butter		X					
Chocolate	X			chocolate-covered croissant		Starbucks	11/23
Trail mix or granola		X					
Chips, crackers, popcorn or other snack foods	^{1,2} X		³ X	① Club crackers (Keebler) ② cheerios ③ tortilla chips		① Costco ② Costco ③ Chipotle	③ 11/23

Item	Y	N	M	Brand/description	Preparation	Where purchased/ consumed	Date Consumed
Nutritional supplements, protein/whey powder, meal replacements	X			multivitamin			
Anything I didn't ask?	X			chx flavored ramen		unbr Costco or Sams ↳ probably Sams	

ADULT CASES ONLY

Did you have any sexual contact with a male?

~~Y N U~~

Did you have any sexual contact with a female?

~~Y N U~~

DEMOGRAPHICS

For adult cases:

Occupation: _____

Name of employer: _____

Address/city of employer: _____

Work phone: _____

For child cases:

School name/address: _____

Parent 1 occupation: _____

Parent 2 occupation: _____

All cases

Languages spoken at home

SENSITIVE OCCUPATION STATEMENTS

Food workers:

People continue to shed STEC in their stools after they feel better and can still spread STEC to others. It is essential that you have excellent hand washing after going to the bathroom and before handling foods to prevent transmitting STEC to patrons. Work restrictions/exclusions may apply to people with STEC infections who work in food service. You will be contacted by an epidemiologist if restrictions apply to you.

Statement read _____

Healthcare workers:

People continue to have STEC in their stools after they feel better and can still spread STEC to others. It is essential that you have excellent hand washing after going to the bathroom to prevent transmitting STEC to patients. Work restrictions/exclusions may apply to people with STEC infections who work in healthcare and have contact with patients. You will be contacted by an epidemiologist if restrictions apply to you.

Statement read _____

Only read if the case answered "yes" to any of the farm, fair, or petting zoo questions.

UMASH Study Reminder

During the interview you (or your child) reported exposure to farm animals prior to becoming ill. Because of this, someone else from MDH will be calling your back to see if you would be willing to answer some additional questions about your (your child's) farm animal exposure. MDH is part of an agricultural safety and health center housed at the University of Minnesota and we are trying to learn more about how to keep people healthy. Is there a specific day of the week or time of day that would be better to call you back? (If so, please indicate below).

Day of week (circle one): Sunday Monday Tuesday Wednesday Thursday Friday Saturday

Time of day: _____ ☐ am ☐ pm ☐ No preference

(for adult cases) If you are not available to talk when we call, may we ask your spouse/partner these questions?

☐ Yes ☐ No Name: _____

Notes: _____

IF CASE LIVES/WORKS ON A FARM (TIER 1):

1. Is this a full-time or part-time operation? ☐ Full-time ☐ Part-time
 - a. **If full-time:** Do you primarily: ☐ grow crops **OR** ☐ raise animals
(Have them pick one. Whichever one is 51% or more of their sales)
 - b. **If part-time,** did the farm produce at least \$1,000 worth of product in the last year? ☐ Yes ☐ No ☐ DK

IF CASE VISITED A FARM (TIER 2):

1. What type of farm was it?
 - ☐ Raises livestock and/or poultry for a living
 - ☐ Hobby Farm
 - ☐ Backyard Poultry Only

Describe: _____

From: [Rounds, Joshua \(MDH\)](#)
To: [#MDH_FWVZ_outbreak_notification](#)
Subject: Possible outbreak of E. coli O121 that may be associated with Romaine Lettuce
Date: Thursday, December 16, 2021 3:49:22 PM

This email contains preliminary information. It is not intended for further distribution.

We are investigating a small cluster of *E. coli* O121 infections that may be associated with romaine lettuce served at Chipotle in Minnesota. The MDH Public Health Laboratory informed us of two cases that were highly related by whole genome sequencing (WGS) yesterday. The cases are an 18 year old and 21 year old from [REDACTED], and they both report illness onsets of 11/26. Neither case was hospitalized. Both report eating at different Chipotle locations in Rochester, MN. Washington state also has two cases that are closely related by WGS and both of their cases report eating leafy greens that include romaine lettuce at different Panera Bread locations in WA. Romaine lettuce appears to be the only ingredient that is in common between all four cases. Olmsted County Public Health has been notified, and their environmental health staff visited both Chipotle locations today to implement employee screening and collected invoices. The Minnesota Department of Agriculture has also been contacted and will conduct a traceback investigation for the romaine lettuce served at these two Chipotle locations.

Please let me know if you have any questions.
Thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: [Rounds, Joshua \(MDH\)](#)
To: [Roslyn Stone](#)
Subject: RE: 2:00?
Date: Thursday, December 16, 2021 1:54:00 PM

Of course, I did just hear from Olmsted County Public health that they have already collected them and are sending them over to me. But happy to still chat.

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Roslyn Stone <RStone@zerohourhealth.com>
Sent: Thursday, December 16, 2021 1:53 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: 2:00?

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Can Kerry Bridges from Chipotle and i call you with trace back invoice questions?

Roslyn Stone | CEO

Zero Hour Health

A Corporate Wellness Company

p: [\(800\) 433-9594](tel:(800)433-9594)

www.zerohourhealth.com

[1200 High Ridge Rd, Stamford, CT 06905](#)

From: [Rounds, Joshua \(MDH\)](#)
To: [Kerry Bridges](#); [Ryan Dittoe](#); [Roslyn Stone](#)
Cc: [Medus, Carlota \(MDH\)](#); [Sorenson, Alida \(MDA\)](#)
Subject: RE: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle
Date: Wednesday, December 22, 2021 10:45:00 AM
Attachments: [WP Trace Data 090915.xls](#)

Hello Kerry, Ryan, and Roslyn

Update on our end, we have interviewed 50 additional patrons from the information you provided. The patrons were primarily from the 11/20 Marketplace meal date/location. Nine reported a diarrheal illness however, only one of the illnesses could be consistent with an STEC infection based on the symptoms/incubation reported. We are planning to call a few additional patrons today, focusing on the 11/23 Broadway meal date/location and then be finished calling today.

Our Minnesota Department of Agriculture staff have been tracing back the romaine lettuce and it looks like all the romaine lettuce would have been from Reinhart Foods who received it from Taylor Farms in Salinas, CA. Interestingly we heard from our colleagues in WA that the Panera Bread romaine lettuce also traces back to Taylor Farms in Salinas, CA and they were able to get some more specific information such as growing location and harvest date. MDA has reached out to FDA as they are unable to continue the traceback at Taylors Farms on their own to get that detailed information. However I know you often also quickly traceback foods on your end. Have you done this for the romaine lettuce and if so were you able to get more detailed information beyond that it was packed at Taylor Farms in Salinas (I attached an example of what you provided way back during the S. Newport tomato investigation)? Finally, if so would you be willing to share that with us? I've included Alida Sorenson from MDA who has been working on the traceback on this email.

Thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Kerry Bridges <kerry.bridges@chipotle.com>
Sent: Saturday, December 18, 2021 12:46 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Cc: Roslyn Stone <RStone@zerohourhealth.com>; Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Ryan Dittoe <rdittoe@chipotle.com>
Subject: FW: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving

Chipotle

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Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

Hi Josh,

Our IT team is working on the Digital Order information and should that over to you soon, but I wanted to let you know there will be no transaction data for the alleged visit of 11/25 as that was Thanksgiving Day and the restaurant was not open.

Please feel free to reach out directly on my cell if you have any questions over the weekend: 479-640-3134.

Thank you

Kerry

Kerry Bridges | Vice President, Food Safety and Quality

Chipotle Mexican Grill

610 Newport Center Drive, Suite 1300

Newport Beach, CA 92660

mobile 479-640-3134

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 1:59 PM

To: Roslyn Stone <RStone@zerohourhealth.com>

Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>

Subject: Potential Foodborne Outbreak Involving Chipotle

Hi Roslyn,

I wanted to give you a heads up on a potential foodborne outbreak involving Chipotle. We are investigating a small cluster of *E. coli* O121 cases. So far there are two cases in MN and two cases in WA. The WA cases both ate at different locations of the same restaurant chain (not Chipotle) and the MN cases both ate at different Chipotle locations during the week prior to their illness onsets. The MN cases both become ill on 11/26. Neither case was hospitalized, developed HUS, and both are recovered. The first case ate food from the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location on 11/23 in the evening and on 11/25 at 2pm. The second case ate at the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location on 11/20. We need to call back both cases to get better details on the specific ingredients they would have consumed but both report remain

lettuce which potentially matches what the WA cases ate. We are also planning to cross reference the foods reported to see if there are any other potential common ingredients like tomatoes, avocado, cilantro, jalapeno peppers, or onion, and then are likely planning to traceback any common ingredients shared by the MN and WA cases to see if they come from a common source.

I just let Olmsted County Environmental Health (the EH folks for both Chipotle locations) know about the investigation this morning and they are planning to go out to the two locations today to put in place an employee screening form (to screen for employee illness) and request invoices for the month prior to the MN cases meal dates from both locations. We are not planning to interview employees or have employees submit stool specimens for testing at this time.

I know you have been very helping to provide us with online order information for Chipotle patrons in previous investigations. Would you be able to assist us in getting online orders for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location for 11/23 and 11/25 and then the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location for 11/20?

Additionally, please let me know if you think it would be easier/faster to get invoices for foods received at the two Chipotle locations through you. Below are the dates we are requesting invoices for each location.

- 10/23 – 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Please let me know if you have any questions.

Thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



Note: This message is not from Chipotle. Always use caution when clicking on email attachments or links. Never enter your username, password, or any other confidential information into external email links.

From: [Kerry Bridges](#)
To: [Rounds, Joshua \(MDH\)](#); [Ryan Dittoe](#); [Roslyn Stone](#)
Cc: [Medus, Carlota \(MDH\)](#); [Sorenson, Alida \(MDA\)](#); [John Crabill](#)
Subject: RE: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle
Date: Wednesday, December 22, 2021 3:46:17 PM
Attachments: [Chipotle Romaine Traceback Information 12222021.xlsx](#)

Josh,

Please see attached details around the romaine traceback the FSQA team was able to obtain, I hope this is helpful. Copying [@John Crabill](#), Director for FSQA, should you or Alida have any questions on this data. Please do keep me posted if you receive any updates, and feel free to pass my contact info along to FDA or anyone else regarding this investigation.

If we don't speak before, I hope you have a wonderful Holiday.

Kerry

Kerry Bridges | Vice President, Food Safety and Quality

Chipotle Mexican Grill

610 Newport Center Drive, Suite 1300

Newport Beach, CA 92660

mobile 479-640-3134

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Wednesday, December 22, 2021 11:39 AM
To: Kerry Bridges <kerry.bridges@chipotle.com>; Ryan Dittoe <rdittoe@chipotle.com>; Roslyn Stone <RStone@zerohourhealth.com>
Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Subject: [EXTERNAL] RE: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle

Hi Kerry,

Sure, so we are asking the patrons if they "Have you been sick with diarrhea since 11/20/21?" and then if they say yes we get details on the symptoms. We are then asking what foods they would have eaten at Chipotle. The one patron with an illness that is compatible with STEC, became ill on 11/23 after eating a burrito bowl with steak, white rice, cheese, sour crème, chips at the Marketplace location on 11/20. Interestingly, they did not report eating lettuce and that is consistent with the ingredients listed in the order information. They reported having diarrhea for 11 days, no bloody stools or additional symptoms beyond cramping. They did report visiting a physician for this illness

but no stool specimen was collected, they were not hospitalized, and have since recovered.

Thank you for that info about the traceback. I think we'll let FDA take over from here, they were on a call yesterday and sounded interested in pursuing this further. I just wanted to check to see if you already potentially had the info.

Since my email this morning, we have finished calling patrons. We ended up interviewing 70 patrons and only the one that I discussed in detail above would fit with potentially having an STEC infection.

We are planning to wait to see what the final traceback information shows, but I will reach out if we see any additional cases associated with Chipotle in MN.

Thank you again for all your help!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Kerry Bridges <kerry.bridges@chipotle.com>

Sent: Wednesday, December 22, 2021 12:38 PM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Ryan Dittoe <rdittoe@chipotle.com>; Roslyn Stone <RStone@zerohourhealth.com>

Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>

Subject: RE: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle

Hi Josh,

Appreciate the update. Would you be able to share what questions these guests were asked and any further information from the one case who alleged STEC infection symptoms (name, ingredients, symptoms, onset time, did they seek medical attention)?

For romaine traceback information, I would think Taylor Farms should be able to narrow down romaine that went to our DC and Panera's DC quicker than any of us. When we reached out to Taylor Farms last week, they weren't aware of any investigation. Is there anything we can do to get you or Alida in touch with the right contacts? The information our FSQA team pulls comes directly from Taylor, so again I think working with them would save time, but happy to help anyway we can.

Thanks!

Kerry Bridges | Vice President, Food Safety and Quality

Chipotle Mexican Grill

610 Newport Center Drive, Suite 1300

Newport Beach, CA 92660

mobile 479-640-3134

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Wednesday, December 22, 2021 8:46 AM

To: Kerry Bridges <kerry.bridges@chipotle.com>; Ryan Dittoe <rdittoe@chipotle.com>; Roslyn Stone <RStone@zerohourhealth.com>

Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>

Subject: [EXTERNAL] RE: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle

Hello Kerry, Ryan, and Roslyn

Update on our end, we have interviewed 50 additional patrons from the information you provided. The patrons were primarily from the 11/20 Marketplace meal date/location. Nine reported a diarrheal illness however, only one of the illnesses could be consistent with an STEC infection based on the symptoms/incubation reported. We are planning to call a few additional patrons today, focusing on the 11/23 Broadway meal date/location and then be finished calling today.

Our Minnesota Department of Agriculture staff have been tracing back the romaine lettuce and it looks like all the romaine lettuce would have been from Reinhart Foods who received it from Taylor Farms in Salinas, CA. Interestingly we heard from our colleagues in WA that the Panera Bread romaine lettuce also traces back to Taylor Farms in Salinas, CA and they were able to get some more specific information such as growing location and harvest date. MDA has reached out to FDA as they are unable to continue the traceback at Taylors Farms on their own to get that detailed information. However I know you often also quickly traceback foods on your end. Have you done this for the romaine lettuce and if so were you able to get more detailed information beyond that it was packed at Taylor Farms in Salinas (I attached an example of what you provided way back during the S. Newport tomato investigation)? Finally, if so would you be willing to share that with us? I've included Alida Sorenson from MDA who has been working on the traceback on this email.

Thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health
Office: 651-201-5083



From: Kerry Bridges <kerry.bridges@chipotle.com>
Sent: Saturday, December 18, 2021 12:46 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Cc: Roslyn Stone <RStone@zerohourhealth.com>; Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Ryan Dittoe <rdittoe@chipotle.com>
Subject: FW: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle

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Hi Josh,

Our IT team is working on the Digital Order information and should that over to you soon, but I wanted to let you know there will be no transaction data for the alleged visit of 11/25 as that was Thanksgiving Day and the restaurant was not open.

Please feel free to reach out directly on my cell if you have any questions over the weekend: 479-640-3134.

Thank you

Kerry

Kerry Bridges | Vice President, Food Safety and Quality

Chipotle Mexican Grill
610 Newport Center Drive, Suite 1300
Newport Beach, CA 92660
mobile 479-640-3134

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:59 PM

To: Roslyn Stone <RStone@zerohourhealth.com>
Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>
Subject: Potential Foodborne Outbreak Involving Chipotle

Hi Roslyn,

I wanted to give you a heads up on a potential foodborne outbreak involving Chipotle. We are investigating a small cluster of *E. coli* O121 cases. So far there are two cases in MN and two cases in WA. The WA cases both ate at different locations of the same restaurant chain (not Chipotle) and the MN cases both ate at different Chipotle locations during the week prior to their illness onsets. The MN cases both become ill on 11/26. Neither case was hospitalized, developed HUS, and both are recovered. The first case ate food from the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location on 11/23 in the evening and on 11/25 at 2pm. The second case ate at the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location on 11/20. We need to call back both cases to get better details on the specific ingredients they would have consumed but both report romaine lettuce which potentially matches what the WA cases ate. We are also planning to cross reference the foods reported to see if there are any other potential common ingredients like tomatoes, avocado, cilantro, jalapeno peppers, or onion, and then are likely planning to traceback any common ingredients shared by the MN and WA cases to see if they come from a common source.

I just let Olmsted County Environmental Health (the EH folks for both Chipotle locations) know about the investigation this morning and they are planning to go out to the two locations today to put in place an employee screening form (to screen for employee illness) and request invoices for the month prior to the MN cases meal dates from both locations. We are not planning to interview employees or have employees submit stool specimens for testing at this time.

I know you have been very helping to provide us with online order information for Chipotle patrons in previous investigations. Would you be able to assist us in getting online orders for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location for 11/23 and 11/25 and then the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location for 11/20?

Additionally, please let me know if you think it would be easier/faster to get invoices for foods received at the two Chipotle locations through you. Below are the dates we are requesting invoices for each location.

- 10/23 – 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Please let me know if you have any questions.
Thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



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From: [Ryan Dittoe](#)
To: [Rounds, Joshua \(MDH\)](#); [Kerry Bridges](#)
Cc: [Roslyn Stone](#); [Medus, Carlota \(MDH\)](#)
Subject: Re: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle
Date: Monday, December 20, 2021 7:57:52 PM
Attachments: [MN DOH Request.xlsx](#)

Hi Josh,

Attached is the requested digital order data. As Kerry mentioned, we did not have any transactions at the Broadway location on 11/25 because we were closed for Thanksgiving. Please note that we do not have customer name or phone number for third party orders (DoorDash, GrubHub, etc.).

Please keep us informed as the investigation continues.

Thank you,

Ryan Dittoe | Director, Restaurant Food Safety & QA

Chipotle Mexican Grill
500 Neil Ave., Suite 400, Columbus, OH 43215
cell 765.491.7642

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Monday, December 20, 2021 7:38 AM
To: Kerry Bridges <kerry.bridges@chipotle.com>
Cc: Roslyn Stone <RStone@zerohourhealth.com>; Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Ryan Dittoe <rdittoe@chipotle.com>
Subject: [EXTERNAL] RE: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle

Hi Kerry,

Thank you for that update! We will reach back out to the case to see if they can check their online credit card statement to provide a more accurate second meal date. I would say we were definitely more interested in that case's 11/23 meal date just based on what we usually see for an STEC incubation.

Thanks again!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083





From: Kerry Bridges <kerry.bridges@chipotle.com>
Sent: Saturday, December 18, 2021 12:46 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Cc: Roslyn Stone <RStone@zerohourhealth.com>; Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Ryan Dittoe <rdittoe@chipotle.com>
Subject: FW: Attorney client privileged communication FW: Potential Foodborne Outbreak Involving Chipotle

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Please feel free to reach out directly on my cell if you have any questions over the weekend: 479-640-3134.

Thank you

Kerry

Kerry Bridges | Vice President, Food Safety and Quality

Chipotle Mexican Grill

610 Newport Center Drive, Suite 1300
Newport Beach, CA 92660
mobile 479-640-3134

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Sent: Thursday, December 16, 2021 1:59 PM
To: Roslyn Stone <RStone@zerohourhealth.com>
Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>
Subject: Potential Foodborne Outbreak Involving Chipotle

Hi Roslyn,

I wanted to give you a heads up on a potential foodborne outbreak involving Chipotle. We are

investigating a small cluster of *E. coli* O121 cases. So far there are two cases in MN and two cases in WA. The WA cases both ate at different locations of the same restaurant chain (not Chipotle) and the MN cases both ate at different Chipotle locations during the week prior to their illness onsets. The MN cases both become ill on 11/26. Neither case was hospitalized, developed HUS, and both are recovered. The first case ate food from the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location on 11/23 in the evening and on 11/25 at 2pm. The second case ate at the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location on 11/20. We need to call back both cases to get better details on the specific ingredients they would have consumed but both report romaine lettuce which potentially matches what the WA cases ate. We are also planning to cross reference the foods reported to see if there are any other potential common ingredients like tomatoes, avocado, cilantro, jalapeno peppers, or onion, and then are likely planning to traceback any common ingredients shared by the MN and WA cases to see if they come from a common source.

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- 10/23 – 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Please let me know if you have any questions.
Thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



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From: [Medus, Carlota \(MDH\)](#)
To: [Rounds, Joshua \(MDH\)](#)
Subject: RE: Chipotle electronic records
Date: Wednesday, December 22, 2021 10:37:46 AM

You are the best, Josh.

Carlota Medus, PhD, MPH

Epidemiologist Supervisor Sr. | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5527 | Mobile: 651-285-6034



From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Wednesday, December 22, 2021 9:56 AM
To: Smith, Kirk (MDH) <kirk.smith@state.mn.us>
Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>
Subject: RE: Chipotle electronic records

Sounds good, I'll reach out to them today to see what they have. Alida mentioned they had already reached out to Reinhart so I think they are doing their own traceback as well.

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Smith, Kirk (MDH) <kirk.smith@state.mn.us>
Sent: Tuesday, December 21, 2021 4:50 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>
Subject: Chipotle electronic records

so in the 2015 Salmonella Newport tomato Chipotle outbreak, Chipotle was able to come up with the attached amazing document pretty quickly. I would think Alida would remember. Maybe you

guys could talk to corporate and get something similar? It wouldn't have to be nearly this extensive given the limited number of locations and dates.

Kirk Smith, DVM, MS, PhD

Manager – Foodborne, Waterborne, Vectorborne,
and Zoonotic Diseases Section

Minnesota Department of Health

Office: 651-201-5240

kirk.smith@state.mn.us



From: [Smilanich, Erin \(MDA\)](#)
To: [Rounds, Joshua \(MDH\)](#)
Subject: RE: Chipotle Records Verification
Date: Wednesday, January 12, 2022 10:32:16 AM

I can definitely reach out and ask.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Wednesday, January 12, 2022 10:31 AM
To: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Subject: RE: Chipotle Records Verification

Hi Erin,

Yes, that is the story that we have. The store was unable to provide an invoice for 11/22. I'm not sure who is correct, the initial spreadsheet (and the store is just unable to locate the invoice) or the store and there wasn't a shipment on that date. From looking at the other invoices, they seem to get a delivery every 3-4 days (every Monday and Thursday) so that gap from 11/18 to 11/24 seems longer than usual which makes me suspect that they did get a delivery on 11/22. I wonder if Reinhart would be able to provide it?

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Sent: Wednesday, January 12, 2022 10:14 AM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: Chipotle Records Verification

Hey Josh-

CORE has asked for verification on a date and I wanted to touch base with you to make sure we are correct.

We had initially indicated that Chipotle received a shipment on 11/22 however, we did not provide invoices for that day. When we requested invoices, the shift manager stated that the invoices were not available and she suspected they did not receive a shipment on 11/22.

Do we just tell CORE to delete that day from the spreadsheet?

Thanks for your help!

Erin

Erin Smilanich (she, her, hers)

Rapid Response Team and Recall Coordinator

Cell: 651-302-2905

Email: erin.smilanich@state.mn.us

www.mda.state.mn.us



From: [Chowdhury Sagar](#)
To: [Rounds, Joshua \(MDH\)](#)
Subject: RE: Chipotle Request
Date: Thursday, January 6, 2022 1:12:40 PM
Attachments: [image008.png](#)

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Thanks for the update Joshua. Let me take a look at the invoices, I can request them no problem if I don't have them.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, January 6, 2022 1:11 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Subject: FW: Chipotle Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

I wanted to give you an update on the Chipotle investigation, some preliminary traceback investigation indicated that the romaine for the two Chipotle locations and the Panera locations both come from Taylor's Farms in Salinas CA. FDA has taken over the traceback to hopefully identify a common grower/field.

One question came up, records from Reinhart indicated that the Broadway Chipotle location would have received a shipment on 11/18 and 11/22 but we don't see those two invoices in the pdf that you sent. Could you check to see if you have it and it just didn't make it into the pdf or if you don't have it would you be able to request it from the Broadway Chipotle location? FDA is requesting those two invoices for their traceback.

Thank you and happy new year!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Sent: Thursday, January 6, 2022 12:04 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: Chipotle Request

Hey Josh!

FDA just requested more information on some invoices from Chipotle. Could you get in touch with the Broadway location and get the invoices for 11/18 and 11/22? The official request is copied below:

In reviewing the TB received from Chipotle, it appears that invoices for 11/18/21 & 11/22/21 is missing for the Chipotle Broadway location. CORE sees those dates listed in in the Excel spreadsheet, but the invoices are not in the PDF files. For reference, I have attached the files (pg. 50 jumps from 11/15/21 invoice to 11/24/21 invoice) and have a screen shot of the missing invoices (also highlighted in the Excel for your reference).

824010	100	11/18/21	245-090	9074 CHIPOTLE #649-ROCHESTER	507-529-5484 R0724	LETTUCE ROMAINE FRESH
831165	136	11/18/21	245-090	9074 CHIPOTLE #649-ROCHESTER	507-529-5484 R0724	LETTUCE ROMAINE FRESH
836738	66	11/22/21	222-090	9074 CHIPOTLE #649-ROCHESTER	507-529-5484 R0724	LETTUCE ROMAINE FRESH

Did Chipotle provide invoices for 11/18/21 and 11/22/21? If yes, send them to me!

Thank you!!

Erin Smilanich (she, her, hers)

Rapid Response Team and Recall Coordinator

Cell: 651-302-2905

Email: erin.smilanich@state.mn.us

www.mda.state.mn.us



From: [Chowdhury Sagar](#)
To: [Rounds, Joshua \(MDH\)](#)
Subject: RE: Chipotle Request
Date: Thursday, January 6, 2022 3:15:45 PM
Attachments: [image008.png](#)
[Chipotle South 11.18.21.pdf](#)
[Chipotle South 11.24.21.pdf](#)

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My inspector sent the following.

(As requested.)

Please note the dates provided – 11/22 was not available so the shift manager printed 11/18 and 11/24. She suspects there was no order for 11/22.

Please let me know if there is more information needed.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, January 6, 2022 1:11 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Subject: FW: Chipotle Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

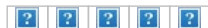
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Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health
Office: 651-201-5083



From: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Sent: Thursday, January 6, 2022 12:04 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
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831165	136	11/18/21	245-090	9074 CHIPOTLE #649-ROCHESTER	507-529-5484 R0724	LETTUCE ROMAINE FRESH
836738	66	11/22/21	222-090	9074 CHIPOTLE #649-ROCHESTER	507-529-5484 R0724	LETTUCE ROMAINE FRESH

Did Chipotle provide invoices for 11/18/21 and 11/22/21? If yes, send them to me!

Thank you!!

Erin Smilanich (she, her, hers)

Rapid Response Team and Recall Coordinator

Cell: 651-302-2905

Email: erin.smilanich@state.mn.us

www.mda.state.mn.us



Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083

From: Rounds Joshua (MDH)

Sent: Thursday, December 16, 2021 11:34 AM

To: McCormick Zachary (CDC/DDO/NCEZID/DPWED) <zack@cdc.gov>; Melius Beth J (DOH) <beth.melius@DOH.WA.GOV>; Stewart Laurie K (DOH) <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C (DOH) <nicole.marshall@doh.wa.gov>; Medus Cariota (MDH) <cariota.medus@state.mn.us>; Decuir Marije (MDH) <marije.decur@state.mn.us>; Seupe Amy (MDH) <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOH.DCHS.CDEPI.Enteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M (DOH) <Joe.Graham@DOH.WA.GOV>; Schneider Benjamin (CDC/DDO/NCEZID/DPWED) <bschneider@cdc.gov>; Shelton Susan E (DOH) <susan.shelton@doh.wa.gov>; Habrun Caroline (CDC/DDO/NCEZID/DPWED) <chabrun@cdc.gov>

Subject: RE: E. coli O121 case investigation

Good morning!

I have an MN update both of our cases report eating at different Chipotle locations! We are planning to call back both cases with a Chipotle specific interview to get details on things like salsa which may have been missed on the initial interviews (dets is in the table below). However both cases report romaine lettuce at Chipotle and I believe both WA cases would have eaten the same leafy green mix including romaine lettuce at Panera Bread is that correct? On the MN side we are planning to get invoices for these two Chipotle locations to pursue a traceback investigation with our MDA RRT / FDA. Would WA be interested in getting Panera invoices to traceback the leafy green product reported by your cases from Panera to see if they converge with the MN Chipotle exposures? Are there any other ingredients that the two WA cases would have shared that could be served at Chipotle? I'm thinking things like tomatoes, avocado, cilantro, jalapeno peppers, and onion.

Lab ID	MEDSS	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-16904	111703389	18			No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) [11/23] 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) [11/25] 1350 Tacos (steak & chx lettuce, cheese, sour cream) Kuma Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll Perkins (11/22) French toast, bacon, eggs Hubbell House (11/23) Soup, beef, maybe other things Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato) chicken tenders	Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House
H21-16885	111614491	21			No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Domino's Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Additionally, I had requested that our lab double check to ensure that our cases were 0 alleles from the WA cases (even though they have the same allele code) and they sent me this (below). I haven't had time to see when the other cases that are 1-2 alleles from the MN and WA isolates are from and some might be old. Zach, maybe you already did this, but do you want to reach out to the PulseNet folks to see if there are any other recent cases that are within a few alleles of the WA/MN cases? It would seem a little strange to have a commercially distributed foodborne outbreak to pop up in only WA and MN without other additional states.

	OH_2020006735	MI__CL20-167569	WA_WA0454276	1312	MI__CL20-167561	WA_WA0457853	MI__CL17-165437	OR_19112606834	AZ_A200060508	MN_H21-16885	WA_WA0697014	MN_H21-16904	WA_WA0697354	UT_1070418
cpMLST	0	0	0	0	1	2	3	3	3	3	2	2	2	4
OH_2020006735	0	0	0	0	1	2	3	3	3	3	2	2	2	4
MI__CL20-167569	0	0	0	0	1	2	3	3	3	3	2	2	2	4
WA_WA0454276	0	0	0	0	1	2	3	3	3	3	2	2	2	4
1312	0	0	0	0	1	2	3	3	3	3	2	2	2	4
MI__CL20-167561	1	1	1	1	0	1	2	2	2	2	1	1	1	3
WA_WA0457853	2	2	2	2	1	0	3	3	3	3	2	2	2	4
MI__CL17-165437	3	3	3	3	2	3	0	0	0	0	1	1	1	1
OR_19112606834	3	3	3	3	2	3	0	0	0	0	1	1	1	1
AZ_A200060508	3	3	3	3	2	3	0	0	0	0	1	1	1	1
MN_H21-16885	2	2	2	2	1	2	1	1	1	1	0	0	0	2
WA_WA0697014	2	2	2	2	1	2	1	1	1	1	0	0	0	2
MN_H21-16904	2	2	2	2	1	2	1	1	1	1	0	0	0	2
WA_WA0697354	2	2	2	2	1	2	1	1	1	1	0	0	0	2
UT_1070418	4	4	4	4	3	4	1	1	1	1	2	2	2	0

Let me know if you have any questions.

Thanks!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083

From: McCormick Zachary (CDC/DDO/NCEZID/DPWED) <zack@cdc.gov>

Sent: Thursday, December 16, 2021 9:03 AM

To: Melius Beth J (DOH) <beth.melius@DOH.WA.GOV>; Rounds Joshua (MDH) <joshua.rounds@state.mn.us>; Stewart Laurie K (DOH) <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C (DOH) <nicole.marshall@doh.wa.gov>; Medus Cariota (MDH) <cariota.medus@state.mn.us>; Decuir Marije (MDH) <marije.decur@state.mn.us>; Seupe Amy (MDH) <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOH.DCHS.CDEPI.Enteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M (DOH) <Joe.Graham@DOH.WA.GOV>; Schneider Benjamin (CDC/DDO/NCEZID/DPWED) <bschneider@cdc.gov>; Shelton Susan E (DOH) <susan.shelton@doh.wa.gov>; Habrun Caroline (CDC/DDO/NCEZID/DPWED) <chabrun@cdc.gov>

Subject: RE: E. coli O121 case investigation

Thanks Beth and Josh

I'll be in touch!

Zach

From: Melius Beth J (DOH) <beth.melius@DOH.WA.GOV>

Sent: Thursday, December 16, 2021 9:47 AM

To: Rounds Joshua (MDH) <joshua.rounds@state.mn.us>; McCormick Zachary (CDC/DDO/NCEZID/DPWED) <zack@cdc.gov>; Stewart Laurie K (DOH) <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C (DOH) <nicole.marshall@doh.wa.gov>; Medus Cariota (CDC state.mn.us) <cariota.medus@state.mn.us>; Decuir Marije (MDH) <marije.decur@state.mn.us>; Seupe Amy (MDH) <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOH.DCHS.CDEPI.Enteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M (DOH) <Joe.Graham@DOH.WA.GOV>; Schneider Benjamin (CDC/DDO/NCEZID/DPWED) <bschneider@cdc.gov>; Shelton Susan E (DOH) <susan.shelton@doh.wa.gov>; Habrun Caroline (CDC/DDO/NCEZID/DPWED) <chabrun@cdc.gov>

Subject: RE: E. coli O121 case investigation

Not yet in WA.

Beth

From: Rounds Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 6:25 AM

To: McCormick Zachary (CDC/DDO/NCEZID/DPWED) <zack@cdc.gov>; Stewart Laurie K (DOH) <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C (DOH) <nicole.marshall@doh.wa.gov>; Medus Cariota (MDH) <cariota.medus@state.mn.us>; Decuir Marije (MDH) <marije.decur@state.mn.us>; Seupe Amy (MDH) <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOH.DCHS.CDEPI.Enteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M (DOH) <Joe.Graham@DOH.WA.GOV>; Schneider Benjamin (CDC/DDO/NCEZID/DPWED) <bschneider@cdc.gov>; Shelton Susan E (DOH) <susan.shelton@doh.wa.gov>; Habrun Caroline (CDC/DDO/NCEZID/DPWED) <chabrun@cdc.gov>

Subject: RE: E. coli O121 case investigation

External Email

Not in MN.

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health
Office: 651-201-5083



From: McCormic, Zachary [CDQ/DDID/NCEZIO/DFWED] <zmc8@cdc.gov>

Sent: Thursday, December 16, 2021, 8:23 AM

To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjke [MDH] <marjke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDQ/DDID/NCEZIO/DFWED] <qps8@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Habrun, Caroline [CDQ/DDID/NCEZIO/DFWED] <chv9@cdc.gov>

Subject: RE: E. coli O121 case investigation

Hey everyone

Thanks for the updates and keeping CDC in the loop – much appreciated!

PutrefNet is monitoring and will code once this gets to 5 cases. In the meantime, is anyone thinking of doing any press or media about these cases?

Zach

From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>

Sent: Wednesday, December 15, 2021, 6:23 PM

To: Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [DOH] <cariota.medus@state.mn.us>; Decuir, Marjke [MDH] <marjke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDQ/DDID/NCEZIO/DFWED] <qps8@cdc.gov>; McCormic, Zachary [CDQ/DDID/NCEZIO/DFWED] <zmc8@cdc.gov>; Patel, Kane [CDQ/DDID/NCEZIO/DFWED] <kpe2@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>

Subject: RE: E. coli O121 case investigation

Hi Laurie

Yes, our lab just let us know that this case is closely related this evening. I'm tracking down the initial case interview and I'll let you know what exposures he reported.

Thanks!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health
Office: 651-201-5083



From: Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>

Sent: Wednesday, December 15, 2021, 4:50 PM

To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjke [MDH] <marjke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDQ/DDID/NCEZIO/DFWED] <qps8@cdc.gov>; McCormic, Zachary [CDQ/DDID/NCEZIO/DFWED] <zmc8@cdc.gov>; Patel, Kane [CDQ/DDID/NCEZIO/DFWED] <kpe2@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>

Subject: RE: E. coli O121 case investigation

Importance: High

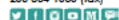
Hi Josh

Nicole Marshall is presenting right now but I just want to let you know there is a new Minnesota case who matches this cluster. The id is MN___H21-16904

Do you have any information about this case?

Laurie K. Stewart MS

Pronouns: she/her
Foodborne and Waterborne Disease Epidemiologist
Office of Communicable Disease Epidemiology
Washington State Department of Health
Laurie.stewart@doh.wa.gov
www.doh.wa.gov
564-999-1223 (mobile—can accept texts)
206-364-1060 (fax)



From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>

Sent: Tuesday, December 14, 2021, 7:29 AM

To: Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjke [MDH] <marjke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDQ/DDID/NCEZIO/DFWED] <qps8@cdc.gov>; McCormic, Zachary [CDQ/DDID/NCEZIO/DFWED] <zmc8@cdc.gov>; Patel, Kane [CDQ/DDID/NCEZIO/DFWED] <kpe2@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>

Subject: RE: E. coli O121 case investigation

External Email

Hi Nicole

We were able to reach our case last night. She denied eating at Panera Bread during the week before her onset. The two restaurants that she did eat at are Chipotle and Dominos Pizza (details below).

Chipotle Mexican Grill

Meal Date: 11/20/2021

Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket

Dominos Pizza

Meal Date: 11/17/2021

Pepperoni Pizza, Cheesy Bread

Let me know if you have any questions.

Thanks!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health
Office: 651-201-5083



From: Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>

Sent: Monday, December 13, 2021, 2:32 PM

To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjke [MDH] <marjke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDQ/DDID/NCEZIO/DFWED] <qps8@cdc.gov>; McCormic, Zachary [CDQ/DDID/NCEZIO/DFWED] <zmc8@cdc.gov>; Patel, Kane [CDQ/DDID/NCEZIO/DFWED] <kpe2@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>

Subject: RE: E. coli O121 case investigation

Thank you Josh!

Also, if it's at all helpful, we learned that there is a MyPanera rewards membership that one of our cases used. Figured I'd pass the info along in case your case did eat at Panera Bread but doesn't remember the location or what they ordered.

Best

Nicole

Nicole Marshall (Schwalbe) MPH
Foodborne and Enteric Disease Epidemiologist
Office of Communicable Disease Epidemiology
Division of Disease Control and Health Statistics
Washington State Department of Health
nicole.marshall@doh.wa.gov
504-999-1233 (cell - direct line) | www.doh.wa.gov
206-364-1080 (fax)
Gender Pronouns: she/her



From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>

Sent: Monday, December 13, 2021 12:09 PM

To: Marshall, Nicole C [DOH] <nicole_marshall@doh.wa.gov>; Medus, Carliota [MDH] <carliota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food_Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDQ/DOID/NCEZIO/DFWED] <bschneider@cdc.gov>; McCormick, Zachary [CDQ/DOID/NCEZIO/DFWED] <zmcorm@cdc.gov>; Patel, Kane [CDQ/DOID/NCEZIO/DFWED] <kpatel@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>
Subject: RE: E. coli O121 case investigation

External Email

Hi Nicole

That is very interesting, thank you for reaching out to us! Our case refused most of the interview initially, so we don't know if she ate at Panera, only that her onset was 11/26 and she didn't travel anywhere. I'm going to have our students reach back out to ask specifically about Panera and I'll let you know what we find out.

Thanks again!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: Marshall, Nicole C [DOH] <nicole_marshall@doh.wa.gov>

Sent: Monday, December 13, 2021 1:48 PM

To: Medus, Carliota [MDH] <carliota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; DOH DCHS CDEPI Enteric <DOHCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food_Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDQ/DOID/NCEZIO/DFWED] <bschneider@cdc.gov>; McCormick, Zachary [CDQ/DOID/NCEZIO/DFWED] <zmcorm@cdc.gov>; Patel, Kane [CDQ/DOID/NCEZIO/DFWED] <kpatel@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>
Subject: E. coli O121 case investigation

This message may be from an external email source.

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Hello Minnesota foodborne outbreak team

We started looking into two cases of E. coli O121 last Friday who both reported eating at Panera Bread on 11/19/2021. Today a Minnesota isolate was uploaded with the same allele code

	TITLE	WGS ID	ALLELE CODE	SEROTYPE CALCULATED
<input type="checkbox"/>	MN_H21-16885	PNUSAED91113	ECI.0-181.14.38.16	O121:H19
<input type="checkbox"/>	WA_WA04977354	PNUSAED91051	ECI.0-181.14.38.16	O121:H19
<input type="checkbox"/>	WA_WA0497014	PNUSAED90854	ECI.0-181.14.38.16	O121:H19

Here is what we know about our two cases Panera bread exposures

Epi case ID	Lab	PulseNet	County	Onset	Panera Meal Date and time	Meal	Panera location	Note
103825807	WA0687034	PNUSAED90854	Snohomish	11/21/2021	11/19/2021, Lunch	Garden Goddess Cobb Salad with Chicken, baguette, French onion soup, Garden Goddess Smoothie	South Sound location - possibly Tacoma Mall	Noted that a salad item, equal and substituted on (possibly pickled and on and)
103822767	WA0687354	PNUSAED91051	Pierce	11/23/2021	11/19/2021, Lunch	Garden Goddess Cobb Salad with Chicken, baguette, C-creamy Chicken & Wild Rice Soup, unknown beverage	2107 S. 320th Fiddle Way (outside The Commons mall)	Asked for no cornmeal so the salad, cornmeal, kale, and leaf blend that was also used in the Garden Goddess salad was substituted by kale and (peas) (except)

Next steps

- Snohomish is attempting to confirm the meal location for their case
- Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)
- King County environmental health will go out to the Federal Way location (where we know the Pierce county case lunched) and will enquire
 - About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case
 - If food workers handwashing, food handling, etc.
 - Whether they share workers with other Panera Bread locations

Can you share what you know about your case? We will update SEDRIC with data for each of our cases.

Warm regards
Nicole

Nicole Marshall (Schwalbe) MPH
Foodborne and Enteric Disease Epidemiologist
Office of Communicable Disease Epidemiology
Division of Disease Control and Health Statistics
Washington State Department of Health
nicole_marshall@doh.wa.gov
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206-364-1080 (fax)
Gender Pronouns: she/her



From: Beth J (DOH) <Beth.Melius@DOH.WA.GOV>
To: Melissa Beth J (DOH); McCormick Zachary (CDC/DOID/NCEID/DPWED); Stewart Laurie K (DOH); Marshall Nicole C (DOH); Medus Cariota (MDH); Seaupe Amy (MDH); DOH DOHS CDEPI Enteric; DOH EPH Food Safety; Graham Joe M (DOH); Schneider Benjamin (CDC/DOID/NCEID/DPWED); Shelton Susan E (DOH); Habin Caroline (CDC/DOID/NCEID/DPWED)
Subject: RE: E. coli O121 case investigation
Date: Thursday, December 16, 2021, 2:18:00 PM
Attachments: [E.coli_O121.jpg](#)
[E.coli_O121.jpg](#)
[E.coli_O121.jpg](#)
[E.coli_O121.jpg](#)
[E.coli_O121.jpg](#)

Thanks Beth! We were able to get a hold of our cases again and the main update is that they both also had the mild tomato salsa which contains roma tomatoes, red onion, cilantro, jalapenos, salt, and citrus juice. I don't think I saw any of those ingredients for the Panera menu items reported by your cases, is that right?

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: Melius Beth J (DOH) <Beth.Melius@DOH.WA.GOV>
Sent: Thursday, December 16, 2021, 2:13 PM
To: Rounds Joshua (MDH) <joshua.rounds@state.mn.us>; McCormick Zachary (CDC/DOID/NCEID/DPWED) <zach@cdc.gov>; Stewart Laurie K (DOH) <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C (DOH) <nicole.marshall@doh.wa.gov>; Medus Cariota (MDH) <carlota.medus@state.mn.us>; Decuir Marijke (MDH) <marijke.decur@state.mn.us>; Seaupe Amy (MDH) <amy.seaupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M (DOH) <joe.graham@DOH.WA.GOV>; Schneider Benjamin (CDC/DOID/NCEID/DPWED) <bg28@cdc.gov>; Shelton Susan E (DOH) <susan.shelton@doh.wa.gov>; Habin Caroline (CDC/DOID/NCEID/DPWED) <chb9@cdc.gov>
Subject: RE: E. coli O121 case investigation

I also wanted to let you know that there are only two items that both of our cases consumed that it seems overlap with Chipotle: Romaine lettuce and chicken.

Beth

From: Rounds Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021, 10:18 AM
To: McCormick Zachary (CDC/DOID/NCEID/DPWED) <zach@cdc.gov>; Melius Beth J (DOH) <Beth.Melius@DOH.WA.GOV>; Stewart Laurie K (DOH) <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C (DOH) <nicole.marshall@doh.wa.gov>; Medus Cariota (MDH) <carlota.medus@state.mn.us>; Decuir Marijke (MDH) <marijke.decur@state.mn.us>; Seaupe Amy (MDH) <amy.seaupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M (DOH) <joe.graham@DOH.WA.GOV>; Schneider Benjamin (CDC/DOID/NCEID/DPWED) <bg28@cdc.gov>; Shelton Susan E (DOH) <susan.shelton@doh.wa.gov>; Habin Caroline (CDC/DOID/NCEID/DPWED) <chb9@cdc.gov>
Subject: RE: E. coli O121 case investigation

External Email

I was able to look more closely at the other isolates and they do appear to be from previous years.

cgMLST	OH___202006735		MI___CL20-167569		WA___WA0454276		KY___20-104596541-1312		MI___CL20-167561		WA___WA0457853		MI___CL17-165437		OR___19112606834		AZ___A200060508		MN___H21-16885		WA___WA0697014		MN___H21-16904		WA___WA0697354		UT___1070418	
	OH	MI	WA	KY	MI	WA	KY	MI	WA	MI	OR	AZ	MN	WA	MN	WA	UT											
OH___202006735	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
MI___CL20-167569	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
WA___WA0454276	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
KY___20-104596541-1312	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
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WA___WA0457853	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2											
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AZ___A200060508	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3											
MN___H21-16885	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2											
WA___WA0697014	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2											
MN___H21-16904	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2											
WA___WA0697354	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2											
UT___1070418	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4											

- Isolate date unknown
- Isolate date 2016
- Isolate date 2017
- Isolate date 2019
- Isolate date 2020
- Isolate date 2021

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: Rounds Joshua (MDH)
Sent: Thursday, December 16, 2021, 11:34 AM
To: McCormick Zachary (CDC/DOID/NCEID/DPWED) <zach@cdc.gov>; Melius Beth J (DOH) <Beth.Melius@DOH.WA.GOV>; Stewart Laurie K (DOH) <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C (DOH) <nicole.marshall@doh.wa.gov>; Medus Cariota (MDH) <carlota.medus@state.mn.us>; Decuir Marijke (MDH) <marijke.decur@state.mn.us>; Seaupe Amy (MDH) <amy.seaupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M (DOH) <joe.graham@DOH.WA.GOV>; Schneider Benjamin (CDC/DOID/NCEID/DPWED) <bg28@cdc.gov>; Shelton Susan E (DOH) <susan.shelton@doh.wa.gov>; Habin Caroline (CDC/DOID/NCEID/DPWED) <chb9@cdc.gov>
Subject: RE: E. coli O121 case investigation

Good morning!

I have an MN update: both of our cases report eating at different Chipotle locations! We are planning to call back both cases with a Chipotle specific interview to get details on things like salsa which may have been missed on the initial interviews (deta is in the table below). However both cases report romaine lettuce at Chipotle and I believe both WA cases would have eaten the same leafy green mix including romaine lettuce at Panera Bread, is that correct? On the MN side we are planning to get invoices for these two Chipotle locations to pursue a traceback investigation with our MDA/RTT/FDA. Would WA be interested in getting Panera invoices to traceback the leafy green product reported by your cases from Panera to see if they converge with the MN Chipotle exposures? Are there any other ingredients that the two WA cases would have shared that could be served at Chipotle? I'm thinking things like tomatoes, avocado, cilantro, jalapeno peppers and onion.

Lab ID	MED55	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-16904	111703389	18	Rochester	Olmsted	No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) [11/23] 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) [11/25] 1350 Tacos (steak & chx lettuce, cheese, sour cream) Kumo Sushi [11/21] Spicy crab roll, spicy salmon roll, Boston roll, California roll Perkins [11/22] French toast, bacon, eggs Hubbell House [11/23] Soup, beef, maybe other things: [REDACTED] Chick-Fil-A [11/24] Spicy chx sandwich (w/ lettuce & tomato) chicken tenders	Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House
H21-16885	111614491	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza	Case refused full interview but answered limited questions about restaurants

[illegible]

Additionally I had requested that our lab double check to ensure that our cases were 0 alleles from the WA cases [even though they have the same allele code] and they sent me this [below]. I haven't had time to see when the other cases that are 1-2 alleles from the MN and WA isolates are from and some might be old. Each maybe you already did this but do you want to reach out to the Puleisset folks to see if there are any other recent cases that are within a few alleles of the WA/MN cases? It would seem a little strange to have a commercially distributed foodborne outbreak to pop up in only WA and MN without other additional states.

[illegible]

Let me know if you have any questions.

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
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From: McCormick Zachary [CDO/DOD/NCEIZ/DPWED] <zccr@cdc.gov>
Sent: Thursday, December 16, 2021 9:03 AM
To: Melissa Bell [DOH] <bell.melissa@DOH.WA.GOV>; Rounds Joshua [MDH] <jshaur@rounds.state.mn.us>; Stewart Laurie K [DOH] <laurie.stewart@DOH.WA.GOV>; Marshall Nicole C [DOH] <nicole_marshall@doh.wa.gov>; Medus Carlota [MDH] <carlota.medus@state.mn.us>; Decur Marjike [MDH] <marjike.decur@state.mn.us>; Seape Amy [MDH] <amy.seape@state.mn.us>; DOH DHS ODEPI Enteric <DOH.DHS.ODEPI.Enteric@doh.wa.gov>; DOH BPH Food Safety <DOH.BPH.Food.Safety@doh.wa.gov>; Graham Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider Benjamin [CDO/DOD/NCEIZ/DPWED] <bnsch@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>; Harbun Caroline [CDO/DOD/NCEIZ/DPWED] <chrbu@cdc.gov>
Subject: RE: Coli 0121 case investigation

Thanks Beth and Josh

I'll be in touch!

Zach

From: Melius Beth J [DOH] <beth.melius@doh.wa.gov>
Sent: Thursday, December 16, 2021 9:47 AM
To: Rounds Joshua [MDH] <joshua.rounds@state.mn.us>; McCormick Zachary [DOH/DOID/NOE21/DFWED] <zcmcc@cdc.gov>; Stewart Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole G [DOH] <nicole_marshall@doh.wa.gov>; Medus Cariotta [CDC state.mn.us] <cariotta.medus@state.mn.us>; Decuir Marjile [MDH] <marjile.decuir@state.mn.us>; Saupé Amy [MDH] <amy.saupé@state.mn.us>; DOH DHS GDEP Enteric <DOH.DHS.GDEPEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@DOH.WA.GOV>; Graham Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider Benjamin [DOH/DOID/NOE21/DFWED] <bsn@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>; Habrun Caroline [DOH/DOID/NOE21/DFWED] <chab@cdc.gov>
Subject: RE: E coli 0121 case investigation

Not yet in WA.

Beth

From: Rounds Joshua [MDH] <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 6:25 AM
To: McCormick Zachary [DOH/DDO/NCEI2/DFWED] <zach@mccormick.com>; Stewart Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus Carolee [MDH] <carolee.medus@state.mn.us>; Decuir Marjike [MDH] <marjike.decuir@state.mn.us>; Saupé Amy [DOH] <amy.saupe@state.mn.us>; DOH DSHS DOPH Enteric <DOH.DSHS.DOPH.Enteric@doh.wa.gov>; DOH BPH Food Safety <Good.Safety@DOH.WA.GOV>; Graham Joe M [DOH] <joe.graham@doh.wa.gov>; Schneider Benjamin [DOH/DDO/NCEI2/DFWED] <bcs@doh.wa.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>; Habrun Caroline [DOH/DDO/NCEI2/DFWED] <ch@doh.wa.gov>
Subject: RE: E. coli 0121 case investigation

External Email

Not in MN.

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
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From: McCormick, Zachary [CDG/DDO/NEZDI/DFWED] <zcmcc@cdc.gov>
Sent: Thursday, December 16, 2010 8:23 AM
To: Rounds Joshua [MDH] <jsharps@state.mn.us>; Stewart Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole G [DOH] <nicole.marshall@doh.wa.gov>; Medus Carliota [MDH] <carliota.medus@state.mn.us>; Decuir Mar Jie [MDH] <marjie.decuir@state.mn.us>; Saupé Amy [MDH] <amy.saupé@state.mn.us>; DOH DHS DDEP Enteric <DOH.DHSDDEP@enteric.doh.wa.gov>; DOH BPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider Benjamin [CDG/DDO/NEZDI/DFWED] <bnsch@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>; Habrun Caroline [CDG/DDO/NEZDI/DFWED] <cmh@cdc.gov>
Subject: RE: E. coli O121 case investigation

Hey everyone

Thanks for the updates and keeping CDC in the loop – much appreciated!

PulseNet is monitoring and will code once this gets to 5 cases. In the meantime is anyone thinking of doing any press or media about these cases?

Zach

From: Rounds Joshua [MDH] <jrounds@doh.wa.gov>
Sent: Wednesday December 15, 2021 6:23 PM
To: Stewart Laurie F [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C [DOH] <nicole_marshall@doh.wa.gov>; Medus Carlota [ODG/state.mn.us] <carlota.medus@state.mn.us>; Decuir Marjile [MDH] <marjile.decur@state.mn.us>; Seupe Amy [MDH] <amy.seupe@doh.wa.gov>; Davis DOHS ODEPI Center <DOHDOHSODEPICenter@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider Benjamin [ODG/DDID/NCEJ2D/DFWED] <bschneider@cdc.gov>; McCormick Zachery [ODG/DDID/NCEJ2D/DFWED] <zmcormick@cdc.gov>; Patel Kane [ODG/DDID/NCEJ2D/DFWED] <kpatel@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>
Subject: RE: E. coli O121 case investigation

Hi Laurie

Yes, our lab just let us know that this case is closely related this evening. I'm tracking down the initial case interview and I'll let you know what exposures he reported.

Thanks!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: Stewart Laurie K [DOH] <Laurie.Stewart@doh.wa.gov>

Sent: Wednesday, December 15, 2021 4:50 PM

To: Rounds Joshua [MDH] <joshua.rounds@state.mn.us>; Marshall Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus Cariota [MDH] <carlota.medus@state.mn.us>; Decuir Marijke [MDH] <marijke.decuir@state.mn.us>; Seupe Amy [MDH] <amy.seupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider Benjamin [CDQ/DOID/NCEZIO/DFWED] <qpsb@cdc.gov>; McCormick Zachary [CDQ/DOID/NCEZIO/DFWED] <qscb@cdc.gov>; Patel Kane [CDQ/DOID/NCEZIO/DFWED] <qpe2@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>

Subject: RE: E. coli O121 case investigation

Importance: High

Hi Josh

Nicole Marshall is presenting right now but I just want to let you know there is a new Minnesota case who matches this cluster. The id is MN___H21-16904

Do you have any information about this case?

Laurie K. Stewart MS

Pronouns she/her

Foodborne and Waterborne Disease Epidemiologist

Office of Communicable Disease Epidemiology

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564-999-1223 (mobile—can accept texts)

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From: Rounds Joshua [MDH] <joshua.rounds@state.mn.us>

Sent: Tuesday, December 14, 2021 7:29 AM

To: Marshall Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus Cariota [MDH] <carlota.medus@state.mn.us>; Decuir Marijke [MDH] <marijke.decuir@state.mn.us>; Seupe Amy [MDH] <amy.seupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider Benjamin [CDQ/DOID/NCEZIO/DFWED] <qpsb@cdc.gov>; McCormick Zachary [CDQ/DOID/NCEZIO/DFWED] <qscb@cdc.gov>; Patel Kane [CDQ/DOID/NCEZIO/DFWED] <qpe2@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>

Subject: RE: E. coli O121 case investigation

External Email

Hi Nicole

We were able to reach our case last night. She denied eating at Panera Bread during the week before her onset. The two restaurants that she did eat at are Chipotle and Dominos Pizza (details below).

Chipotle Mexican Grill

Meal Date: 11/20/2021

Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket

Dominos Pizza

Meal Date: 11/17/2021

Pepperoni Pizza, Cheesy Bread

Let me know if you have any questions.

Thanks!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Marshall Nicole C [DOH] <nicole.marshall@doh.wa.gov>

Sent: Monday, December 13, 2021 2:32 PM

To: Rounds Joshua [MDH] <joshua.rounds@state.mn.us>; Medus Cariota [MDH] <carlota.medus@state.mn.us>; Decuir Marijke [MDH] <marijke.decuir@state.mn.us>; Seupe Amy [MDH] <amy.seupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider Benjamin [CDQ/DOID/NCEZIO/DFWED] <qpsb@cdc.gov>; McCormick Zachary [CDQ/DOID/NCEZIO/DFWED] <qscb@cdc.gov>; Patel Kane [CDQ/DOID/NCEZIO/DFWED] <qpe2@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>

Subject: RE: E. coli O121 case investigation

Thank you Josh!

Also, if it's at all helpful, we learned that there is a MyPanera rewards membership that one of our cases used. Figured I'd pass the info along in case your case did eat at Panera Bread but doesn't remember the location or what they ordered.

Best

Nicole

Nicole Marshall (Schwalbe) MPH

Foodborne and Enteric Disease Epidemiologist

Office of Communicable Disease Epidemiology

Division of Disease Control and Health Statistics

Washington State Department of Health

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Gender Pronouns: she/her



From: Rounds Joshua [MDH] <joshua.rounds@state.mn.us>

Sent: Monday, December 13, 2021 12:09 PM

To: Marshall Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus Cariota [MDH] <carlota.medus@state.mn.us>; Decuir Marijke [MDH] <marijke.decuir@state.mn.us>; Seupe Amy [MDH] <amy.seupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider Benjamin [CDQ/DOID/NCEZIO/DFWED] <qpsb@cdc.gov>; McCormick Zachary [CDQ/DOID/NCEZIO/DFWED] <qscb@cdc.gov>; Patel Kane [CDQ/DOID/NCEZIO/DFWED] <qpe2@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>

Subject: RE: E. coli O121 case investigation

External Email

Hi Nicole

That is very interesting, thank you for reaching out to us! Our case refused most of the interview initially, so we don't know if she ate at Panera, only that her onset was 11/26 and she didn't travel anywhere. I'm going to have our students reach back out to ask specifically about Panera and I'll let you know what we find out.

Thanks again!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Marshall Nicole C [DOH] <nicole.marshall@doh.wa.gov>

Sent: Monday, December 13, 2021 1:48 PM
To: Medus, Carlotia (MDH) <carlotia.medus@state.mn.us>; Decuir, Marjike (MDH) <marjike.decuir@state.mn.us>; Saupe, Amy (MDH) <amy.saupe@state.mn.us>; Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; DOH DCHS CDEPI Enteric <DOH.DCHS.CDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@DOH.WA.GOV>; Graham, Joe M (DOH) <Joe.Graham@DOH.WA.GOV>; Schneider, Benjamin (CDC/DDID/NCEZID/DFWED) <ben.schneider@cdc.gov>; McCormic, Zachary (CDC/DDID/NCEZID/DFWED) <zach.mccormic@cdc.gov>; Patel, Kane (CDC/DDID/NCEZID/DFWED) <kane.patel@cdc.gov>; Shelton, Susan E (DOH) <susan.shelton@doh.wa.gov>
Subject: E. coli O121 case investigation

This message may be from an external email source.
Do not select links or open attachments unless you've received it from someone you know and expect to receive such messages from.

Hello Minnesota foodborne outbreak team
We started looking into two cases of *E. coli* O121 last Friday who both reported eating at Panera Bread on 11/19/2021. Today a Minnesota isolate was uploaded with the same allele code

TITLE	WGS ID	ALLELE CODE	SEROTYPE CALCULATED
MN_H21-16885	PNUSAE091113	EC1.0-18.1.14.38.16	O121:H19
WA_WA0697354	PNUSAE091051	EC1.0-18.1.14.38.16	O121:H19
WA_WA0697014	PNUSAE090854	EC1.0-18.1.14.38.16	O121:H19

Here is what we know about our two cases Panera bread exposures

Epi case ID	Lab	PulseNet	County	Onset	Panera Meal Date and time	Meal	Panera location	Note
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	11/19/2021, Lunch	Green Goddess Cobb Salad with Chicken, baguette, French Bisto Onion Soup, Green Passion Smoothie	South Sound location- possibly Tacoma Mall	Noted that a salad item equaled substituent (possibly pickled ed on on)
103823767	WA0697354	PNUSAE091051	Pierce	11/23/2021	11/19/2021, Lunch	Caesar salad w/ chicken, baguette, Creamy Chicken & Wild Rice Soup, unknown beverage	2107 S. 330th Federal Way (outside The Commons mall)	Asked for no omelette so the salad, omelette, kale, and leaf blend that was also used in the Green Goddess salad was substituted by restaurant (per receipt)

Next steps

- Snohomish is attempting to confirm the meal location for their case
- Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)
- King County environmental health will go out to the Federal Way location (where we know the Pierce county case lunched) and will enquire
 - About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case
 - Ill food workers handwashing food handling etc
 - Whether they share workers with other Panera Bread locations

Can you share what you know about your case? We will update SEDRIC with data for each of our cases.

Warm regards
Nicole

Nicole Marshall (Schwalbe) MPH
Foodborne and Enteric Disease Epidemiologist
Office of Communicable Disease Epidemiology
Division of Disease Control and Health Statistics
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Gender Pronouns: she/her



[illegible]

OH_202006735	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MI_CL120-167569	0	0	0	0	1	2	3	3	3	2	2	2	2	4
WA_WA0454276	0	0	0	0	1	2	3	3	3	2	2	2	2	4
KY_20-104596541-1312	0	0	0	0	1	2	3	3	3	2	2	2	2	4
MI_CL120-167561	1	1	1	1	0	1	2	2	2	1	1	1	1	3
WA_WA0457953	2	2	2	2	1	0	3	3	3	2	2	2	2	4
MI_CL17-165437	3	3	3	3	2	3	0	0	0	1	1	1	1	1
OR_19112606834	3	3	3	3	2	3	0	0	0	0	1	1	1	1
AZ_A200060508	3	3	3	3	2	3	0	0	0	0	1	1	1	1
MN_H21-16885	2	2	2	2	2	2	1	1	1	1	0	0	0	2
WA_WA0697014	2	2	2	2	2	1	2	1	1	1	0	0	0	2
MN_H21-16904	2	2	2	2	2	2	1	1	1	1	0	0	0	2
WA_WA0697954	2	2	2	2	2	1	2	1	1	1	0	0	0	2
UT_1070418	4	4	4	4	3	4	1	1	1	2	2	2	2	0

Let me know if you have any questions.
Thanks!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: McCormic, Zachary [CDG/DDID/NCEZID/DFWED] <zack@cdc.gov>
Sent: Thursday, December 16, 2021 9:03 AM
To: Melius, Beth J [DOH] <Beth.Melius@DOH.WA.GOV>; Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DHS CDEPI Enteric <DOHDHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DDID/NCEZID/DFWED] <qps2@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Habrun, Caroline [CDG/DDID/NCEZID/DFWED] <chv3@cdc.gov>
Subject: RE: E. coli O121 case investigation

Thanks Beth and Josh

I'll be in touch!

Zach

From: Melius, Beth J [DOH] <Beth.Melius@DOH.WA.GOV>
Sent: Thursday, December 16, 2021 9:47 AM
To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; McCormic, Zachary [CDG/DDID/NCEZID/DFWED] <zack@cdc.gov>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [CDG state.mn.us] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DHS CDEPI Enteric <DOHDHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DDID/NCEZID/DFWED] <qps2@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Habrun, Caroline [CDG/DDID/NCEZID/DFWED] <chv3@cdc.gov>
Subject: RE: E. coli O121 case investigation

Not yet in WA.

Beth

From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 6:25 AM
To: McCormic, Zachary [CDG/DDID/NCEZID/DFWED] <zack@cdc.gov>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DHS CDEPI Enteric <DOHDHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DDID/NCEZID/DFWED] <qps2@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Habrun, Caroline [CDG/DDID/NCEZID/DFWED] <chv3@cdc.gov>
Subject: RE: E. coli O121 case investigation

External Email

Not in MN.

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: McCormic, Zachary [CDG/DDID/NCEZID/DFWED] <zack@cdc.gov>
Sent: Thursday, December 16, 2021 8:23 AM
To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DHS CDEPI Enteric <DOHDHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DDID/NCEZID/DFWED] <qps2@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Habrun, Caroline [CDG/DDID/NCEZID/DFWED] <chv3@cdc.gov>
Subject: RE: E. coli O121 case investigation

Hey everyone

Thanks for the updates and keeping CDC in the loop -- much appreciated!

PulseNet is monitoring and will code once this gets to 5 cases. In the meantime, is anyone thinking of doing any press or media about these cases?

Zach

From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>
Sent: Wednesday, December 15, 2021 6:23 PM
To: Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [CDG state.mn.us] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DHS CDEPI Enteric <DOHDHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DDID/NCEZID/DFWED] <qps2@cdc.gov>; McCormic, Zachary [CDG/DDID/NCEZID/DFWED] <zack@cdc.gov>; Patel, Kane [CDG/DDID/NCEZID/DFWED] <kpe2@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>
Subject: RE: E. coli O121 case investigation

Hi Laurie

Yes, our lab just let us know that this case is closely related this evening. I'm tracking down the initial case interview and I'll let you know what exposures he reported.
Thanks!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083




From: Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>
Sent: Wednesday, December 15, 2021 4:50 PM
To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DHS CDEPI Enteric <DOHDHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DDID/NCEZID/DFWED] <qps2@cdc.gov>; McCormic, Zachary [CDG/DDID/NCEZID/DFWED] <zack@cdc.gov>; Patel, Kane [CDG/DDID/NCEZID/DFWED] <kpe2@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>
Subject: RE: E. coli O121 case investigation
Importance: High

Hi Josh

Nicole Marshall is presenting right now but I just want to let you know there is a new Minnesota case who matches this cluster. The id is MN___H21-16904

Do you have any information about this case?

Laurie K. Stewart MS
Pronouns: she/her
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504-999-1222 (mobile—can accept texts)
206-364-1060 (fax)


From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>
Sent: Tuesday, December 14, 2021 7:29 AM
To: Marshall, Nicole C [DOH] <nicole_marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marijke [MDH] <marijke.decuri@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DHS CDEPI Enteric <CDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DOID/NCEZID/DFWED] <qs8@cdc.gov>; McCormick, Zachary [CDG/DOID/NCEZID/DFWED] <qs8@cdc.gov>; Patel, Kane [CDG/DOID/NCEZID/DFWED] <qs2@cdc.gov>; Shetton, Susan E [DOH] <susan.shetton@doh.wa.gov>
Subject: RE: E. coli O121 case investigation

External Email

Hi Nicole

We were able to reach our case last night. She denied eating at Panera Bread during the week before her onset. The two restaurants that she did eat at are Chipotle and Dominos Pizza (details below).

Chipotle Mexican Grill
Meal Date: 11/20/2021
Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket

Dominos Pizza
Meal Date: 11/17/2021
Pepperoni Pizza, Cheesy Bread

Let me know if you have any questions.
Thanks!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083




From: Marshall, Nicole C [DOH] <nicole_marshall@doh.wa.gov>
Sent: Monday, December 13, 2021 2:32 PM
To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marijke [MDH] <marijke.decuri@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DHS CDEPI Enteric <CDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DOID/NCEZID/DFWED] <qs8@cdc.gov>; McCormick, Zachary [CDG/DOID/NCEZID/DFWED] <qs8@cdc.gov>; Patel, Kane [CDG/DOID/NCEZID/DFWED] <qs2@cdc.gov>; Shetton, Susan E [DOH] <susan.shetton@doh.wa.gov>
Subject: RE: E. coli O121 case investigation

Thank you Josh!

Also, if it's at all helpful, we learned that there is a MyPanera rewards membership that one of our cases used. Figured I'd pass the info along in case your case did eat at Panera Bread but doesn't remember the location or what they ordered.

Best,
Nicole

Nicole Marshall (Schwalbe) MPH
Foodborne and Enteric Disease Epidemiologist
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Division of Disease Control and Health Statistics
Washington State Department of Health
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504-999-1222 (cell - direct line) | www.doh.wa.gov
206-364-1060 (fax)
Gender Pronouns: she/her


From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>
Sent: Monday, December 13, 2021 12:09 PM
To: Marshall, Nicole C [DOH] <nicole_marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marijke [MDH] <marijke.decuri@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DHS CDEPI Enteric <CDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DOID/NCEZID/DFWED] <qs8@cdc.gov>; McCormick, Zachary [CDG/DOID/NCEZID/DFWED] <qs8@cdc.gov>; Patel, Kane [CDG/DOID/NCEZID/DFWED] <qs2@cdc.gov>; Shetton, Susan E [DOH] <susan.shetton@doh.wa.gov>
Subject: RE: E. coli O121 case investigation

External Email

Hi Nicole

That is very interesting, thank you for reaching out to us! Our case refused most of the interview initially, so we don't know if she ate at Panera, only that her onset was 11/26 and she didn't travel anywhere. I'm going to have our students reach back out to ask specifically about Panera and I'll let you know what we find out.

Thanks again!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: Marshall, Nicole C [DOH] <nicole_marshall@doh.wa.gov>
Sent: Monday, December 13, 2021 1:48 PM
To: Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marijke [MDH] <marijke.decuri@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; DOH DHS CDEPI Enteric <CDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DOID/NCEZID/DFWED] <qs8@cdc.gov>; McCormick, Zachary [CDG/DOID/NCEZID/DFWED] <qs8@cdc.gov>; Patel, Kane [CDG/DOID/NCEZID/DFWED] <qs2@cdc.gov>; Shetton, Susan E [DOH] <susan.shetton@doh.wa.gov>
Subject: E. coli O121 case investigation

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Hello Minnesota foodborne outbreak team

We started looking into two cases of *E. coli* O121 last Friday who both reported eating at Panera Bread on 11/19/2021. Today a Minnesota isolate was uploaded with the same allele code

TITLE	WGS ID	ALLELE CODE	SEROTYPE CALCULATED
MN_H21-16885	PNUSAE091113	EC1.0-18.1.14.38.16	O121:H19
WA_WA0697354	PNUSAE091051	EC1.0-18.1.14.38.16	O121:H19
WA_WA0697014	PNUSAE090854	EC1.0-18.1.14.38.16	O121:H19

Here is what we know about our two cases Panera bread exposures

Epi case ID	Lab	PulseNet	County	Onset	Panera Meal Date and time	Meal	Panera location	Note
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	11/19/2021, Lunch	G een Goddess Cobb Salad with Chicken, baguette, French Onion Soup, G een Passion Smoothie	South Sound location- possibly Tacoma Mall	Noted that a salad item equi ed substitut on (possibly pickled ed on on)
103823767	WA0697354	PNUSAE091051	Pierce	11/23/2021	11/19/2021, Lunch	Caesar salad w/ chicken, baguette, Creamy Chicken & Wild Rice Soup, unknown beverage	2107 S. 320th Frede al Way (outside The Commons mall	Asked fo no omaine so the a vagueta, omaine, kale, ed leaf blend that was also used in the G een Goddess salad was substitut ed by entau ant (p excerpt)

Next steps

- Snohomish is attempting to confirm the meal location for their case
- Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)
- King County environmental health will go out to the Federal Way location (where we know the Pierce county case lunched) and will enquire
 - About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case
 - Ill food workers handwashing food handling etc
 - Whether they share workers with other Panera Bread locations

Can you share what you know about your case? We will update SEDRIC with data for each of our cases.

Warm regards
Nicole

Nicole Marshall (Schwalbe) MPH
Foodborne and Enteric Disease Epidemiologist
Office of Communicable Disease Epidemiology
Division of Disease Control and Health Statistics
Washington State Department of Health
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206-364-1060 (fax)
Gender Pronouns: she/her



From: [Beth J \[DOH\]](#)
To: [Joshua Rounds \[MDH\]](#)
Subject: RE: E. coli O121 case investigation
Date: Tuesday, December 21, 2021 12:36:17 PM
Attachments: [image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)
[image010.png](#)

Anytime after 12 noon PT. I'll check with our RRT folks too.

From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>

Sent: Tuesday, December 21, 2021 10:24 AM

To: Melius, Beth J [DOH] <beth.melius@DOH.WA.GOV>; McCormick, Zachary [DOH/DOID/NCEID/DFWED] <zack@cdc.gov>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marijke [MDH] <marijke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [DOH/DOID/NCEID/DFWED] <bgs@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun, Caroline [DOH/DOID/NCEID/DFWED] <chv@cdc.gov>
Subject: RE: E. coli O121 case investigation

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Sure I'm free all afternoon but would have to check with RRT on her availability. Are there any specific times that would work best on your end?

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Melius, Beth J [DOH] <beth.melius@DOH.WA.GOV>

Sent: Tuesday, December 21, 2021 12:11 PM

To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; McCormick, Zachary [DOH/DOID/NCEID/DFWED] <zack@cdc.gov>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marijke [MDH] <marijke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [DOH/DOID/NCEID/DFWED] <bgs@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun, Caroline [DOH/DOID/NCEID/DFWED] <chv@cdc.gov>
Subject: RE: E. coli O121 case investigation

I will have more specific information to share at noon our time. No new cases in SEDRIC so probably no contaminated product circulating at least. Do you think it would be worthwhile to have a quick meeting with Epi and the RRTs to share info on one call?

Beth

From: Melius, Beth J [DOH] <beth.melius@DOH.WA.GOV>

Sent: Tuesday, December 21, 2021 10:05 AM

To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; McCormick, Zachary [DOH/DOID/NCEID/DFWED] <zack@cdc.gov>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marijke [MDH] <marijke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [DOH/DOID/NCEID/DFWED] <bgs@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun, Caroline [DOH/DOID/NCEID/DFWED] <chv@cdc.gov>
Subject: RE: E. coli O121 case investigation

Looks like Taylor Farms from Salinas for Panera as well!

From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>

Sent: Tuesday, December 21, 2021 8:52 AM

To: Melius, Beth J [DOH] <beth.melius@DOH.WA.GOV>; McCormick, Zachary [DOH/DOID/NCEID/DFWED] <zack@cdc.gov>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marijke [MDH] <marijke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [DOH/DOID/NCEID/DFWED] <bgs@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun, Caroline [DOH/DOID/NCEID/DFWED] <chv@cdc.gov>
Subject: RE: E. coli O121 case investigation

External Email

Hi Beth

That's great! Yes, our RRT just let me know this morning that all the romaine served at our Chipotle locations over the time period of our meal dates was sourced from Taylor Farms - Salinas, CA.

Thanks!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Melius, Beth J [DOH] <beth.melius@DOH.WA.GOV>

Sent: Tuesday, December 21, 2021 10:44 AM

To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; McCormick, Zachary [DOH/DOID/NCEID/DFWED] <zack@cdc.gov>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marijke [MDH] <marijke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [DOH/DOID/NCEID/DFWED] <bgs@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun, Caroline [DOH/DOID/NCEID/DFWED] <chv@cdc.gov>
Subject: RE: E. coli O121 case investigation

Hi Josh

It looks like our RRT is talking with your RRT so we should have some answers today about trace back and convergence. We are still going through invoices and should have a summary today after our 11 am meeting.

Thanks

Beth

From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 1:17 PM

To: Melius, Beth J [DOH] <beth.melius@DOH.WA.GOV>; McCormick, Zachary [DOH/DOID/NCEID/DFWED] <zack@cdc.gov>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marijke [MDH] <marijke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [DOH/DOID/NCEID/DFWED] <bgs@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun, Caroline [DOH/DOID/NCEID/DFWED] <chv@cdc.gov>
Subject: RE: E. coli O121 case investigation

External Email

Perfect! I'll tell our RRT to focus on the romaine traceback.

Thanks!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Melius, Beth J [DOH] <beth.melius@DOH.WA.GOV>

Sent: Thursday, December 16, 2021 2:52 PM

To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; McCormick, Zachary [DOH/DOID/NCEID/DFWED] <zack@cdc.gov>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marijke [MDH] <marijke.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [DOH/DOID/NCEID/DFWED] <bgs@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun, Caroline [DOH/DOID/NCEID/DFWED] <chv@cdc.gov>
Subject: RE: E. coli O121 case investigation

Thanks Josh. Attached is an ingredient list from Panera. It doesn't look like our cases had any of the ingredients that would be consistent with that Chipotle salsa.

Beth

From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 12:45 PM
To: Melius, Beth J [DOH] <Beth.Melius@DOH.WA.GOV>; McCormick, Zachary [DOH/DOID/NCEZID/DFWED] <zach.mccormick@dcf.wa.gov>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSODEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [DOH/DOID/NCEZID/DFWED] <bgschneider@dcf.wa.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun, Caroline [DOH/DOID/NCEZID/DFWED] <chv@dcf.wa.gov>
Subject: RE: E. coli O121 case investigation

External Email

Hi Beth

Sorry I think I forgot to respond to you on this. Our RRT folks asked us to collect invoices for the month before the case's meal date so that's what we went with.

Josh Rounds, MPH
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Minnesota Department of Health
Office: 651-201-5083

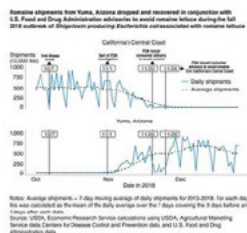


From: Melius, Beth J [DOH] <Beth.Melius@DOH.WA.GOV>
Sent: Thursday, December 16, 2021 1:39 PM
To: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; McCormick, Zachary [DOH/DOID/NCEZID/DFWED] <zach.mccormick@dcf.wa.gov>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSODEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [DOH/DOID/NCEZID/DFWED] <bgschneider@dcf.wa.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun, Caroline [DOH/DOID/NCEZID/DFWED] <chv@dcf.wa.gov>
Subject: RE: E. coli O121 case investigation

Thanks Josh! Interesting information from your cases with Chipotle (and leafy greens) exposure. We have been working with local jurisdictions and WSDA to get invoices for the ingredients that we know are common among our two cases that ate at Panera. I thought we would go back 3-4 weeks from meal date for those?

Didn't we have a leafy greens outbreak a while back that was O121? Maybe those are historical isolates from that? Also, the meal dates are right around the time leafy greens switch from CA to AZ and I feel like we always see clusters during the change.

Laurie found this:



I'll keep you posted with whatever information we receive.

Thanks!

Beth

From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 10:18 AM
To: McCormick, Zachary [DOH/DOID/NCEZID/DFWED] <zach.mccormick@dcf.wa.gov>; Melius, Beth J [DOH] <Beth.Melius@DOH.WA.GOV>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSODEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [DOH/DOID/NCEZID/DFWED] <bgschneider@dcf.wa.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun, Caroline [DOH/DOID/NCEZID/DFWED] <chv@dcf.wa.gov>
Subject: RE: E. coli O121 case investigation

External Email

I was able to look more closely at the other isolates and they do appear to be from previous years.

	OH_2020006735	MI_CL20-167569	WA_WA0454276	1312	MI_CL20-167561	WA_WA0457853	165437	OR_19112606834	AZ_A200060508	MN_H21-16885	WA_WA0697014	16904	WA_WA0697354	UT_1070418
cgMLST														
OH_2020006735		0	0	0	0	0	2	3	3	3	2	2	2	4
MI_CL20-167569			0	0	0	0	1	3	3	3	2	2	2	4
WA_WA0454276				0	0	0	1	3	3	3	2	2	2	4
KY_20-104596541-1312					0	0	1	3	3	3	2	2	2	4
MI_CL20-167561			1	1	1	1	0	1	2	2	2	1	1	3
WA_WA0457853			2	2	2	2	1	0	3	3	2	2	2	4
MI_CL17-165437			3	3	3	3	2	3	0	0	0	1	1	1
OR_19112606834			3	3	3	3	2	3	0	0	0	1	1	1
AZ_A200060508			3	3	3	3	2	3	0	0	0	1	1	1
MN_H21-16885			2	2	2	2	2	1	1	1	1	0	0	2
WA_WA0697014			2	2	2	2	1	1	1	1	1	0	0	2
MN_H21-16904			2	2	2	2	1	1	1	1	1	0	0	2
WA_WA0697354			2	2	2	2	1	1	1	1	1	0	0	2
UT_1070418			4	4	4	4	3	4	1	1	1	2	2	0

Isolate date unknown
Isolate date 2016
Isolate date 2017
Isolate date 2019
Isolate date 2020
Isolate date 2021

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: Rounds, Joshua [MDH]
Sent: Thursday, December 16, 2021 11:34 AM
To: McCormick, Zachary [DOH/DOID/NCEZID/DFWED] <zach.mccormick@dcf.wa.gov>; Melius, Beth J [DOH] <Beth.Melius@DOH.WA.GOV>; Stewart, Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seupe, Amy [MDH] <amy.seupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSODEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [DOH/DOID/NCEZID/DFWED] <bgschneider@dcf.wa.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun, Caroline [DOH/DOID/NCEZID/DFWED] <chv@dcf.wa.gov>

<Joe.Graham@DOH.WA.GOV>; Schneider Benjamin (CDC/DOID/NCEZID/DFWED) <qjck@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun Caroline (CDC/DOID/NCEZID/DFWED) <chv8@cdc.gov>
Subject: RE: E. coli O121 case investigation

Good morning!

I have an MN update: both of our cases report eating at different Chipotle locations! We are planning to call back both cases with a Chipotle specific interview to get details on things like salsa which may have been missed on the initial interviews (data is in the table below). However both cases report romaine lettuce at Chipotle and I believe both WA cases would have eaten the same leafy green mix including romaine lettuce at Panera Bread. Is that correct? On the MN side we are planning to get invoices for these two Chipotle locations to pursue a traceback investigation with our MDA RRT / FDA. Would WA be interested in getting Panera invoices to traceback the leafy green product reported by your cases from Panera to see if they converge with the MN Chipotle exposures? Are there any other ingredients that the two WA cases would have shared that could be served at Chipotle? I'm thinking things like tomatoes, avocado, cilantro, jalapeno peppers and onion.

Lab ID	MEDSS	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-16904	111703389	18	Rochester	Olmsted	No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) [11/23] 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) [11/25] 1350 Tacos (steak & chx lettuce, cheese, sour cream) Kumo Sushi (11/21) Spicy crab roll / spicy salmon roll Boston roll California roll Perkins (11/22) French toast bacon eggs Hubbell House (11/23) Soup beef maybe other things Chick-fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato) chicken tenders	Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House
H21-16885	111614491	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	11/28 Chipotle (3780 Marketplace Dr Nw Ste 100 Rochester MN Bowl - Rice Lettuce Chicken Cheese Salsa Sour Cream Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Additionally I had requested that our lab double check to ensure that our cases were 0 alleles from the WA cases (even though they have the same allele code) and they sent me this (below). I haven't had time to see when the other cases that are 1-2 alleles from the MN and WA isolates are from and some might be old. Zach maybe you already did this but do you want to reach out to the PulseNet folks to see if there are any other recent cases that are within a few alleles of the WA/MN cases? It would seem a little strange to have a commercially distributed foodborne outbreak to pop up in only WA and MN without other additional states.

		MI__CL20-		KY__20-		MI__CL20-		MI__CL17-		MN__H21-		MN__H21-		UT__1070418	
		OH_2020006735	167569	WA_WA0454276	1312	167561	WA_WA0457853	165437	OR_19112606834	AZ_A200060508	16885	WA_WA0697014	16904	WA_WA0697354	UT__1070418
cgMLST	OH_2020006735	0	0	0	0	1	2	3	3	3	2	2	2	2	4
	MI__CL20-167569	0	0	0	0	1	2	3	3	3	2	2	2	2	4
	WA_WA0454276	0	0	0	0	1	2	3	3	3	2	2	2	2	4
	KY__20-104596541-1312	0	0	0	0	1	2	3	3	3	2	2	2	2	4
	MI__CL20-167561	1	1	1	1	0	1	2	2	2	1	1	1	1	3
	WA_WA0457853	2	2	2	2	1	0	3	3	3	2	2	2	2	4
	MI__CL17-165437	3	3	3	3	2	3	0	0	0	0	1	1	1	1
	OR_19112606834	3	3	3	3	2	3	0	0	0	0	1	1	1	1
	AZ_A200060508	3	3	3	3	2	3	0	0	0	0	1	1	1	1
	MN__H21-16885	2	2	2	2	1	2	1	1	1	1	0	0	0	2
	WA_WA0697014	2	2	2	2	1	2	1	1	1	1	0	0	0	2
	MN__H21-16904	2	2	2	2	1	2	1	1	1	1	0	0	0	2
	WA_WA0697354	2	2	2	2	1	2	1	1	1	1	0	0	0	2
	UT__1070418	4	4	4	4	3	4	1	1	1	2	2	2	2	0

Let me know if you have any questions.
Thanks!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: McCormick Zachary (CDC/DOID/NCEZID/DFWED) <qjck@cdc.gov>
Sent: Thursday, December 16, 2021 9:03 AM
To: Melius Beth J [DOH] <Beth.Melius@DOH.WA.GOV>; Rounds Joshua [MDH] <joshua.rounds@state.mn.us>; Stewart Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus Cariota [MDH] <cariota.medus@state.mn.us>; Decuir Marjike [MDH] <marjike.decuir@state.mn.us>; Seupe Amy [MDH] <amy.seupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider Benjamin (CDC/DOID/NCEZID/DFWED) <qjck@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun Caroline (CDC/DOID/NCEZID/DFWED) <chv8@cdc.gov>
Subject: RE: E. coli O121 case investigation

Thanks Beth and Josh

I'll be in touch!

Zach

From: Melius Beth J [DOH] <Beth.Melius@DOH.WA.GOV>
Sent: Thursday, December 16, 2021 9:47 AM
To: Rounds Joshua [MDH] <joshua.rounds@state.mn.us>; McCormick Zachary (CDC/DOID/NCEZID/DFWED) <qjck@cdc.gov>; Stewart Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus Cariota [CDC state.mn.us] <cariota.medus@state.mn.us>; Decuir Marjike [MDH] <marjike.decuir@state.mn.us>; Seupe Amy [MDH] <amy.seupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider Benjamin (CDC/DOID/NCEZID/DFWED) <qjck@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun Caroline (CDC/DOID/NCEZID/DFWED) <chv8@cdc.gov>
Subject: RE: E. coli O121 case investigation

Not yet in WA.

Beth

From: Rounds Joshua [MDH] <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 6:25 AM
To: McCormick Zachary (CDC/DOID/NCEZID/DFWED) <qjck@cdc.gov>; Stewart Laurie K [DOH] <Laurie.Stewart@DOH.WA.GOV>; Marshall Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus Cariota [MDH] <cariota.medus@state.mn.us>; Decuir Marjike [MDH] <marjike.decuir@state.mn.us>; Seupe Amy [MDH] <amy.seupe@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <Food.Safety@DOH.WA.GOV>; Graham Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider Benjamin (CDC/DOID/NCEZID/DFWED) <qjck@cdc.gov>; Shelton Susan E [DOH] <susan.shelton@doh.wa.gov>; Hebrun Caroline (CDC/DOID/NCEZID/DFWED) <chv8@cdc.gov>
Subject: RE: E. coli O121 case investigation

External Email

Not in MN.

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: McCormick Zachary (CDC/DOID/NCEZID/DFWED) <qjck@cdc.gov>

Sent: Thursday, December 16, 2021 8:23 AM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Stewart, Laurie K (DOH) <laurie.stewart@doh.wa.gov>; Marshall, Nicole C (DOH) <nicole.marshall@doh.wa.gov>; Medus, Carliota (MDH) <carliota.medus@state.mn.us>; Decuir, Marijke (MDH) <marijke.decur@state.mn.us>; Seape, Amy (MDH) <amy.seape@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@doh.wa.gov>; Graham, Joe M (DOH) <joe.graham@doh.wa.gov>; Schneider, Benjamin (DOH/DOID/NCEID/DFWED) <qps8@cdc.gov>; Shetton, Susan E (DOH) <susan.shetton@doh.wa.gov>; Habrun, Caroline (DOH/DOID/NCEID/DFWED) <chv@cdc.gov>
Subject: RE: E. coli O121 case investigation

Hey everyone

Thanks for the updates and keeping CDC in the loop – much appreciated!

PulseNet is monitoring and will code once this gets to 5 cases. In the meantime, is anyone thinking of doing any press or media about these cases?

Zach

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Wednesday, December 15, 2021 6:23 PM

To: Stewart, Laurie K (DOH) <laurie.stewart@doh.wa.gov>; Marshall, Nicole C (DOH) <nicole.marshall@doh.wa.gov>; Medus, Carliota (DOH/DOID/NCEID/DFWED) <carliota.medus@state.mn.us>; Decuir, Marijke (MDH) <marijke.decur@state.mn.us>; Seape, Amy (MDH) <amy.seape@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@doh.wa.gov>; Graham, Joe M (DOH) <joe.graham@doh.wa.gov>; Schneider, Benjamin (DOH/DOID/NCEID/DFWED) <qps8@cdc.gov>; McCormick, Zachary (DOH/DOID/NCEID/DFWED) <qps8@cdc.gov>; Patel, Kane (DOH/DOID/NCEID/DFWED) <kps2@cdc.gov>; Shetton, Susan E (DOH) <susan.shetton@doh.wa.gov>
Subject: RE: E. coli O121 case investigation

Hi Laurie

Yes, our lab just let us know that this case is closely related this evening. I'm tracking down the initial case interview and I'll let you know what exposures he reported.
Thanks!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: Stewart, Laurie K (DOH) <laurie.stewart@doh.wa.gov>

Sent: Wednesday, December 15, 2021 6:23 PM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Marshall, Nicole C (DOH) <nicole.marshall@doh.wa.gov>; Medus, Carliota (MDH) <carliota.medus@state.mn.us>; Decuir, Marijke (MDH) <marijke.decur@state.mn.us>; Seape, Amy (MDH) <amy.seape@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@doh.wa.gov>; Graham, Joe M (DOH) <joe.graham@doh.wa.gov>; Schneider, Benjamin (DOH/DOID/NCEID/DFWED) <qps8@cdc.gov>; McCormick, Zachary (DOH/DOID/NCEID/DFWED) <qps8@cdc.gov>; Patel, Kane (DOH/DOID/NCEID/DFWED) <kps2@cdc.gov>; Shetton, Susan E (DOH) <susan.shetton@doh.wa.gov>
Subject: RE: E. coli O121 case investigation
Importance: High

Hi Josh

Nicole Marshall is presenting right now but I just want to let you know there is a new Minnesota case who matches this cluster. The id is MN___H21-16904

Do you have any information about this case?

Laurie K. Stewart MS
Pronouns: she/her
Foodborne and Waterborne Disease Epidemiologist
Office of Communicable Disease Epidemiology
Washington State Department of Health
laurie.stewart@doh.wa.gov
www.doh.wa.gov
564-999-1223 (mobile—can accept texts)
206-364-1060 (fax)

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Tuesday, December 14, 2021 7:28 AM

To: Marshall, Nicole C (DOH) <nicole.marshall@doh.wa.gov>; Medus, Carliota (MDH) <carliota.medus@state.mn.us>; Decuir, Marijke (MDH) <marijke.decur@state.mn.us>; Seape, Amy (MDH) <amy.seape@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@doh.wa.gov>; Graham, Joe M (DOH) <joe.graham@doh.wa.gov>; Schneider, Benjamin (DOH/DOID/NCEID/DFWED) <qps8@cdc.gov>; McCormick, Zachary (DOH/DOID/NCEID/DFWED) <qps8@cdc.gov>; Patel, Kane (DOH/DOID/NCEID/DFWED) <kps2@cdc.gov>; Shetton, Susan E (DOH) <susan.shetton@doh.wa.gov>
Subject: RE: E. coli O121 case investigation

External Email

Hi Nicole

We were able to reach our case last night. She denied eating at Panera Bread during the week before her onset. The two restaurants that she did eat at are Chipotle and Dominos Pizza (details below).

Chipotle Mexican Grill
Meal Date: 11/20/2021
Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket

Dominos Pizza
Meal Date: 11/17/2021
Pepperoni Pizza, Cheesy Bread

Let me know if you have any questions.
Thanks!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: Marshall, Nicole C (DOH) <nicole.marshall@doh.wa.gov>

Sent: Monday, December 13, 2021 2:32 PM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Medus, Carliota (MDH) <carliota.medus@state.mn.us>; Decuir, Marijke (MDH) <marijke.decur@state.mn.us>; Seape, Amy (MDH) <amy.seape@state.mn.us>; DOH DCHS CDEPI Enteric <DOHDCHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@doh.wa.gov>; Graham, Joe M (DOH) <joe.graham@doh.wa.gov>; Schneider, Benjamin (DOH/DOID/NCEID/DFWED) <qps8@cdc.gov>; McCormick, Zachary (DOH/DOID/NCEID/DFWED) <qps8@cdc.gov>; Patel, Kane (DOH/DOID/NCEID/DFWED) <kps2@cdc.gov>; Shetton, Susan E (DOH) <susan.shetton@doh.wa.gov>
Subject: RE: E. coli O121 case investigation

Thank you Josh!

Also, if it's at all helpful, we learned that there is a MyPanera rewards membership that one of our cases used. Figured I'd pass the info along in case your case did eat at Panera Bread but doesn't remember the location or what they ordered.

Best,
Nicole

Nicole Marshall (Schwalbe) MPH
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Office of Communicable Disease Epidemiology
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Washington State Department of Health
n.marshall@doh.wa.gov
564-999-1223 (cell – direct line) | www.doh.wa.gov
206-364-1060 (fax)

Gender Pronouns: she/her



From: Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>

Sent: Monday, December 13, 2021 12:09 PM

To: Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>; Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seape, Amy [MDH] <amy.seape@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DOIG/NCEZID/DFWED] <gschneider@cdc.gov>; McCormick, Zachary [CDG/DOIG/NCEZID/DFWED] <zmcorm@cdc.gov>; Patel, Kane [CDG/DOIG/NCEZID/DFWED] <kpatel@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>

Subject: RE: E. coli O121 case investigation

External Email

Hi Nicole,

That's very interesting, thank you for reaching out to us! Our case refused most of the interview initially, so we don't know if she ate at Panera, only that her onset was 11/26 and she didn't travel anywhere. I'm going to have our students reach back out to ask specifically about Panera and I'll let you know what we find out.

Thanks again!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Marshall, Nicole C [DOH] <nicole.marshall@doh.wa.gov>

Sent: Monday, December 13, 2021 1:48 PM

To: Medus, Cariota [MDH] <cariota.medus@state.mn.us>; Decuir, Marjike [MDH] <marjike.decur@state.mn.us>; Seape, Amy [MDH] <amy.seape@state.mn.us>; Rounds, Joshua [MDH] <joshua.rounds@state.mn.us>; DOH DOHS CDEPI Enteric <DOHDOHSCDEPIEnteric@doh.wa.gov>; DOH EPH Food Safety <FoodSafety@DOH.WA.GOV>; Graham, Joe M [DOH] <joe.graham@DOH.WA.GOV>; Schneider, Benjamin [CDG/DOIG/NCEZID/DFWED] <gschneider@cdc.gov>; McCormick, Zachary [CDG/DOIG/NCEZID/DFWED] <zmcorm@cdc.gov>; Patel, Kane [CDG/DOIG/NCEZID/DFWED] <kpatel@cdc.gov>; Shelton, Susan E [DOH] <susan.shelton@doh.wa.gov>

Subject: E. coli O121 case investigation

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Do not select links or open attachments unless you've received it from a known contact. Report all suspicious emails to Minnesota IT Service Security Operations Center.

Hello Minnesota foodborne outbreak team,

We started looking into two cases of E. coli O121 last Friday who both reported eating at Panera Bread on 11/19/2021. Today a Minnesota isolate was uploaded with the same allele code

	TITLE	WGS ID	ALLELE CODE	SEROTYPE CALCULATED
<input type="checkbox"/>	MN_H21-16885	PNUSA091113	EC1.0-181.14.38.16	O121:H19
<input type="checkbox"/>	WA_WA04977354	PNUSA091051	EC1.0-181.14.38.16	O121:H19
<input type="checkbox"/>	WA_WA0497914	PNUSA090854	EC1.0-181.14.38.16	O121:H19

Here is what we know about our two cases Panera bread exposures

Epi case ID	Lab	Police/Ref	County	Onset	Panera Meal Date and time	Meal	Panera location	Note
103825807	WA0607054	PNUSA090854	Snohomish	11/21/2021	11/19/2021, Lunch	Greek Goddess Cobb Salad with Chicken, baguette, French Onion Soup, Greek Fries, Smoothie	South Sound location - possibly Tacoma Mall	Noted that a salad item, apple, and substituted on (possibly pickled and on ion)
103823767	WA0607054	PNUSA091051	Pierce	11/23/2021	11/19/2021, Lunch	Cheese salad w/ chicken, baguette, Cherry Chicken & Wild Rice Soup, unknown beverage	2107 S. 320th Field at Way (outside The Commons mall)	Asked for no croutons so the salad, croutons, ketchup, and onion that was also used in the G. Goddess salad was substituted by the restaurant (see screenshot)

Next steps

- Snohomish is attempting to confirm the meal location for their case
- Pierce will confirm what beverage their case had with their meal (they are a smoothie drinker so we are wondering if they had the same smoothie as the other case)
- King County environmental health will go out to the Federal Way location (where we know the Pierce county case lunched) and will enquire
 - About the preparation and source of foods eaten there by the Pierce case and also the foods which might have been eaten there by the Snohomish case
 - If food workers handwashing, food handling, etc.
 - Whether they share workers with other Panera Bread locations

Can you share what you know about your case? We will update SEDRIC with data for each of our cases.

Warm regards,

Nicole

Nicole Marshall (Schwalbe) MPH

Foodborne and Enteric Disease Epidemiologist
Office of Communicable Disease Epidemiology
Division of Disease Control and Health Statistics
Washington State Department of Health
nicole.marshall@doh.wa.gov
504-999-1233 (cell - direct line) | www.doh.wa.gov
206-344-1040 (fax)

Gender Pronouns: she/her



From: [Rounds, Joshua \(MDH\)](#)
To: [Chowdhury Sagar](#)
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date: Thursday, December 16, 2021 2:31:00 PM

Perfect, thank you, I received both!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 2:24 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Here are the invoices for the Marketplace location.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:45 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 1:40 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Joshua,

I have visited both stores, and have implemented active screening at both locations. I have the invoices as well, they are pretty large stacks, so I will start scanning and sending them your way. It may take a bit of time though, as I will likely have to break it up into multiple emails.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 12:10 PM

To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Melius Michael <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>

Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>

Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

And sorry one error my end. Please request the invoices for the following dates

- 10/23 – 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>

Sent: Thursday, December 16, 2021 11:39 AM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Mike Melius <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>

Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>

Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Joshua,

I will get an inspector out to both locations ASAP. We will get employee screening in place and work to get the receipts. We will keep you posted. Thank you for the update and coordination.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 11:23 AM

To: Melius Michael <melius.michael@CO.OLMSTED.MN.US>; Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>

Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>

Subject: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Michael, Sagar, Matthew, and Meaghan

We have an interesting potential foodborne outbreak investigation. We have two MN cases of *E. coli* O121 from Olmsted county that are closely related by WGS to two cases from Washington. WA reached out and both their cases ate at different Panera locations, and both ate salads that likely contained a common leafy green mix (arugula, romaine, kale, and red leaf). The MN cases both report eating at different Chipotle locations in Rochester (please see the case info in the table below). We need to call our cases back to get better details on the Chipotle ingredients they would have eaten (i.e. salsas) but both did report romaine lettuce. At this time we are interested in MDA RRT/FDA pursuing a traceback investigation

with WA on any common ingredients that our Chipotle cases share with the WA Panera cases. Since it appears to be a multi-state commercially distributed food outbreak, I'm planning to continue to lead the epi investigation.

What I'm requesting of you:

- Please request all invoices for both Chipotle locations going back one month prior to the cases meal date
 - 10/23 – 11/23 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
 - 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location
- Please have the restaurants put in place an employee screening form (attached)
- No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Please let me know if you have any questions.

Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-16904	18			No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) (11/25) 1350 Tacos (steak & chx lettuce, cheese, sour cream) Hubbell House (11/23) Soup beef, maybe other things, Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato),	 has been excluded from work pending 2 negative stool specimens Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House

										chicken tenders Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll Perkins (11/22) French toast, bacon, eggs	
H21- 16885	21			No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: [Chowdhury Sagar](#)
To: [Rounds, Joshua \(MDH\)](#)
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date: Thursday, December 16, 2021 2:25:16 PM
Attachments: [Chipotle Marketplace Invoice.pdf](#)

Here are the invoices for the Marketplace location.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:45 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 1:40 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Joshua,

I have visited both stores, and have implemented active screening at both locations. I have the invoices as well, they are pretty large stacks, so I will start scanning and sending them your way. It may take a bit of time though, as I will likely have to break it up into multiple emails.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 12:10 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Melius Michael <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
Cc: Hedeon, Nicole (MDH) <nicole.hedeon@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

And sorry one error my end. Please request the invoices for the following dates

- o 10/23 – 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- o 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

I will get an inspector out to both locations ASAP. We will get employee screening in place and work to get the receipts. We will keep you posted. Thank you for the update and coordination.

Subject: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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We have an interesting potential foodborne outbreak investigation. We have two MN cases of *E. coli* O121 from Olmsted county that are closely related by WGS to two cases from Washington. WA reached out and both their cases ate at different Panera locations, and both ate salads that likely contained a common leafy green mix (arugula, romaine, kale, and red leaf). The MN cases both report eating at different Chipotle locations in Rochester (please see the case info in the table below). We need to call our cases back to get better details on the Chipotle ingredients they would have eaten (i.e. salsas) but both did report romaine lettuce. At this time we are interested in MDA RRT/FDA pursuing a traceback investigation with WA on any common ingredients that our Chipotle cases share with the WA Panera cases. Since it appears to be a multi-state commercially distributed food outbreak, I'm planning to continue to lead the epi investigation.

- Please request all invoices for both Chipotle locations going back one month prior to the cases meal date
 - 10/23 – 11/23 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
 - 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location
- Please have the restaurants put in place an employee screening form (attached)
- No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
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H21-16904	18	Rochester	Olmsted	No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	<p>Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) (11/25) 1350 Tacos (steak & chx lettuce, cheese, sour cream)</p> <p>Hubbell House (11/23) Soup beef, maybe other things, [REDACTED] [REDACTED] [REDACTED] [REDACTED]</p> <p>Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato), chicken tenders</p> <p>Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll</p> <p>Perkins (11/22) French toast, bacon, eggs</p>	<p>[REDACTED] [REDACTED] [REDACTED] [REDACTED]</p> <p>has been excluded from work pending 2 negative stool specimens</p> <p>Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House</p>
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H21-16885	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants
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Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: [Chowdhury Sagar](#)
To: [Rounds, Joshua \(MDH\)](#)
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date: Thursday, December 16, 2021 1:53:07 PM
Attachments: [Chipotle S Broadway Invoices.pdf](#)

South Location Invoices.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:45 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 1:40 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Joshua,

I have visited both stores, and have implemented active screening at both locations. I have the invoices as well, they are pretty large stacks, so I will start scanning and sending them your way. It may take a bit of time though, as I will likely have to break it up into multiple emails.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 12:10 PM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Melius Michael <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

And sorry one error my end. Please request the invoices for the following dates

- o 10/23 – 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- o 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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I will get an inspector out to both locations ASAP. We will get employee screening in place and work to get the receipts. We will keep you posted. Thank you for the update and coordination.

Subject: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Hi Michael, Sagar, Matthew, and Meaghan

We have an interesting potential foodborne outbreak investigation. We have two MN cases of *E. coli* O121 from Olmsted county that are closely related by WGS to two cases from Washington. WA reached out and both their cases ate at different Panera locations, and both ate salads that likely contained a common leafy green mix (arugula, romaine, kale, and red leaf). The MN cases both report eating at different Chipotle locations in Rochester (please see the case info in the table below). We need to call our cases back to get better details on the Chipotle ingredients they would have eaten (i.e. salsas) but both did report romaine lettuce. At this time we are interested in MDA RRT/FDA pursuing a traceback investigation with WA on any common ingredients that our Chipotle cases share with the WA Panera cases. Since it appears to be a multi-state commercially distributed food outbreak, I'm planning to continue to lead the epi investigation.

- Please request all invoices for both Chipotle locations going back one month prior to the cases meal date
 - 10/23 – 11/23 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
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- Please have the restaurants put in place an employee screening form (attached)
- No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
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H21-16904	18	Rochester	Olmsted	No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	<p>Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) (11/25) 1350 Tacos (steak & chx lettuce, cheese, sour cream)</p> <p>Hubbell House (11/23) Soup beef, maybe other things, [REDACTED] [REDACTED] [REDACTED] [REDACTED]</p> <p>Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato), chicken tenders</p> <p>Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll</p> <p>Perkins (11/22) French toast, bacon, eggs</p>	<p>[REDACTED] [REDACTED] [REDACTED] [REDACTED]</p> <p>has been excluded from work pending 2 negative stool specimens</p> <p>Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House</p>
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H21-16885	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants
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Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: [Chowdhury Sagar](#)
To: [Rounds Joshua \(MDH\)](#); [Mike Melius](#); [Bjork Matthew](#); [Sherden Meaghan](#)
Cc: [Hedeem Nicole \(MDH\)](#); [Carlton Kim \(MDH\)](#)
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date: Thursday, December 16, 2021 11:41:23 AM

Sorry, yes invoices!

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 11:40 AM
To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Melius Michael <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Thank you Sagar! Just to clarify, I just am looking for invoices and no patron receipts at this time.
Thanks again!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>
Sent: Thursday, December 16, 2021 11:39 AM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Mike Melius <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Joshua,

I will get an inspector out to both locations ASAP. We will get employee screening in place and work to get the receipts. We will keep you posted. Thank you for the update and coordination.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 11:23 AM
To: Melius Michael <melius.michael@CO.OLMSTED.MN.US>; Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>
Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>
Subject: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Michael, Sagar, Matthew, and Meaghan

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-16904	18	Rochester	Olmsted	No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) (11/25) 1350 Tacos (steak & chx lettuce, cheese, sour cream) Hubbell House (11/23) Soup beef, maybe other things,	          Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House

										<div></div> Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato), chicken tenders Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll Perkins (11/22) French toast, bacon, eggs	
H21-16885	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: [Sorenson, Alida \(MDA\)](#)
To: [Rounds, Joshua \(MDH\)](#)
Cc: [Smilanich, Erin \(MDA\)](#)
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester
Date: Thursday, December 16, 2021 3:18:56 PM

Excellent – thanks, Josh!

Alida

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 3:18 PM
To: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Cc: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

I just heard back from WA that none of the mild tomato salsa ingredients would have been in the Panera dishes, so we can focus on the romaine for the traceback.
Thanks!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Rounds, Joshua (MDH)
Sent: Thursday, December 16, 2021 2:39 PM
To: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Cc: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Subject: FW: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Hi Alida,

I'm forwarding the Chipotle invoices in two emails. I haven't looked too closely at them yet so let me know if you see any issues.

One update we were able to reinterview the two cases to get more details on their Chipotle orders, they both also had the mild tomato salsa which contains roma tomatoes, red onion, cilantro, jalapenos, salt, and citrus juice. I'm checking with WA to see if those ingredients would have been in the Panera dishes, but at the moment the only common foods between Chipotle and Panera would be romaine lettuce and chicken (and I'm not very interested in chicken).

Thanks!

Lab ID	Restaurants
H21-16904	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, white rice, no beans, romaine lettuce, cheese, sour cream,

	mild tomato salsa, bottled water) (11/25) 1350 Tacos (steak & chx, romaine lettuce, cheese, sour cream, white rice, no beans, mild tomato salsa, bottled water)
H21-16885	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Chicken, Smoked Brisket, White Rice, romaine Lettuce, Cheese, Salsa, Sour Cream, Mild Tomato Salsa, Chips, Queso Blanco.

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>

Sent: Thursday, December 16, 2021 1:52 PM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

South Location Invoices.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 1:45 PM

To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>

Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Sounds good, thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>

Sent: Thursday, December 16, 2021 1:40 PM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

Joshua,

I have visited both stores, and have implemented active screening at both locations. I have the invoices as well, they are pretty large stacks, so I will start scanning and sending them your way. It may take a bit of time though, as I will likely have to break it up into multiple emails.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 12:10 PM

To: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Melius Michael <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>

Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>

Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

And sorry one error my end. Please request the invoices for the following dates

- 10/23 – 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>

Sent: Thursday, December 16, 2021 11:39 AM

To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Mike Melius <melius.michael@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>

Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>

Subject: RE: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Joshua,

I will get an inspector out to both locations ASAP. We will get employee screening in place and work to get the receipts. We will keep you posted. Thank you for the update and coordination.

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>

Sent: Thursday, December 16, 2021 11:23 AM

To: Melius Michael <melius.michael@CO.OLMSTED.MN.US>; Chowdhury Sagar <chowdhury.sagar@CO.OLMSTED.MN.US>; Bjork Matthew <bjork.matthew@CO.OLMSTED.MN.US>; Sherden Meaghan <sherden.meaghan@CO.OLMSTED.MN.US>

Cc: Hedeem, Nicole (MDH) <nicole.hedeem@state.mn.us>; Carlton, Kim (MDH) <kim.carlton@state.mn.us>

Subject: E. coli O121 Outbreak Investigation Likely Associated with Chipotle in Rochester

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Hi Michael, Sagar, Matthew, and Meaghan



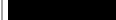


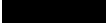






















































We have an interesting potential foodborne outbreak investigation. We have two MN cases of *E. coli* O121 from Olmsted county that are closely related by WGS to two cases from Washington. WA reached out and both their cases ate at different Panera locations, and both ate salads that likely contained a common leafy green mix (arugula, romaine, kale, and red leaf). The MN cases both report eating at different Chipotle locations in Rochester (please see the case info in the table below). We need to call our cases back to get better details on the Chipotle ingredients they would have eaten (i.e. salsas) but both did report romaine lettuce. At this time we are interested in MDA RRT/FDA pursuing a traceback investigation with WA on any common ingredients that our Chipotle cases share with the WA Panera cases. Since it appears to be a multi-state commercially distributed food outbreak, I'm planning to continue to lead the epi investigation.

What I'm requesting of you:

- Please request **all** invoices for both Chipotle locations going back one month prior to the cases meal date
 - 10/23 – 11/23 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
 - 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location
- Please have the restaurants put in place an employee screening form (attached)
- No need for employee interviews or employee stool testing at this time
- From previous Chipotle outbreak investigations we've had a lot of success getting online orders from Chipotle corporate, so I'll reach out to them and there is no need for you to get credit card receipts from the restaurants.

Please let me know if you have any questions.

Thank you!

Lab ID	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-16904	18	Rochester	Olmsted	No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) (11/25) 1350 Tacos (steak & chx lettuce, cheese, sour cream) Hubbell House (11/23) Soup beef, maybe other things,   	                                                        

										<div></div> <div></div> Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato), chicken tenders Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll, California roll Perkins (11/22) French toast, bacon, eggs	
H21-16885	21	Oronoco	Olmsted	No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



From: Rounds, Joshua (MDH)
To: Sorenson, Alida (MDA)
Cc: Smilanich, Erin (MDA)
Subject: RE: E. coli O121
Date: Thursday, December 30, 2021 9:12:00 AM

Sadness almost all leafy greens outbreak aren't immediate public health threats anymore by the time we identify them. Oh well thank you for getting a response!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health
Office 651-201-5083



From: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Sent: Thursday, December 30, 2021 8:59 AM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Cc: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Subject: RE: E. coli O121

Just got a response from FDA CORE

We have reviewed all the traceability information and our hypothesis is that the product in question came from Salinas. The records from Chipotle were really helpful thank you for passing those along. We are currently in the process of evaluating next steps which may include requesting additional grower level information from Taylor Farms. However, given transition of leafy green harvest to the Yuma growing region has already occurred and Salinas is no longer harvesting, we don't believe there is an immediate ongoing public health threat.

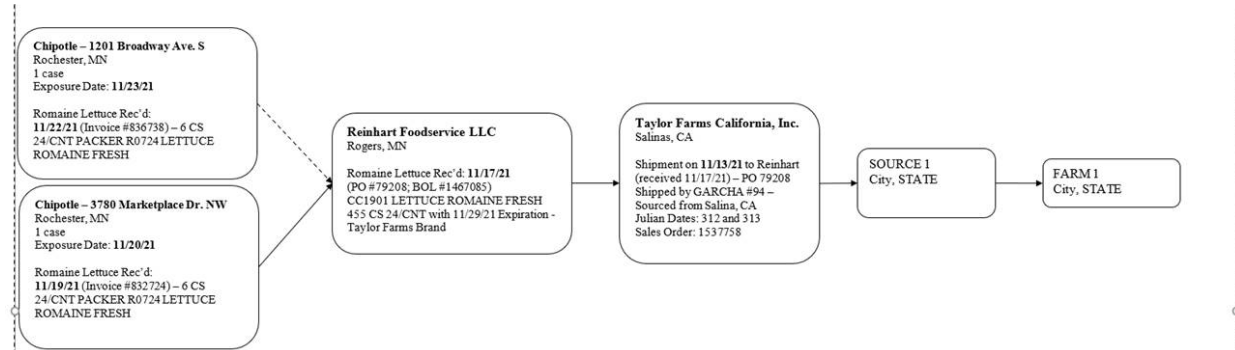
I will let you know if anything happens but I wouldn't hold my breath that it will move out of Signals /

Alida

From: Sorenson, Alida (MDA)
Sent: Wednesday, December 29, 2021 4:24 PM
To: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Cc: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Subject: RE: E. coli O121

Hi Josh

Reviewing the documents we've received, it looks like the shipment used to fill the 11/22/21 delivery to the Broadway Chipotle and the 11/19/21 delivery to the Marketplace Chipotle would have been the product received on 11/17/21 at Reinhart. On their receiving documentations for this shipment, there is a PO #79208. If you then look at the shipping spreadsheet from Chipotle in the third tab, there is a matching PO for the 11/13/21 shipping date from Salinas, CA (the last one from Salinas before they switched over to Yuma). The shipper, GARCHA #94, also matches what is on the receiving documents from Reinhart. Determining the grower within the Salinas GRLs looks to be a bit trickier - I'm not sure how that data matches up with the shipping information. Here's a quick sketch of what I'm describing:



As far as motivating FDA to actually move this one to a CORE team, I'm not sure what else we can do. I've been sending them all of the documentation we've received and letting them know that we've also been working closely with Washington State. I can poke them again to see if we can get any movement.

Alida

From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Wednesday, December 29, 2021 2:06 PM
To: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Cc: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Subject: RE: E. coli O121

No, I haven't heard anything either. That would be disappointing. I feel like this one is a layup and would be fairly easy for them. Do you think there is anything we can do to encourage them?

When I was looking at the Chipotle excel doc, it was hard to get a feel for which shipment to Rodgers came from which growing region. Could you make that out? And then which Rodgers shipment would have supplied the two restaurant locations for the 11/20 and 11/23 meal dates (maybe that is something you have from your work). It looks like maybe the first shipment from Yuma for both Panera and Chipotle may line up with the what the cases ate which would be interesting.

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health
Office 651-201-5083



From: Sorenson Alida (MDA) <alida.sorenson@state.mn.us>
Sent: Wednesday, December 29, 2021 1:24 PM
To: Rounds Joshua (MDH) <joshua.rounds@state.mn.us>
Cc: Smilanich Erin (MDA) <erin.smilanich@state.mn.us>
Subject: E. coli O121

Hi Josh –

Any updates on your end for the O121 romaine investigation? It sounds like this has never moved from FDA CORE Signals to being assigned a team...I have a feeling it won't unless there are new cases or cases in other states.

Just wondering if you've heard anything.

Alida

Alida Sorenson, MPH
Response and Outreach Supervisor

she|her|hers

O 651-201-6025

C 651-592-2187

www.mda.state.mn.us



From: [Rounds_Joshua \(MDH\)](#)
To: [Sorenson_Alida \(MDA\)](#)
Cc: [Smilanich_Erin \(MDA\)](#)
Subject: RE: Likely Chipotle Commercially Distributed Food Outbreak
Date: Thursday, December 16, 2021 10:38:00 AM
Attachments: [image003.png](#)

Here is the info we have so far on our two cases and then in the table below ours is the info that WA shared. I'll let you know if WA is interested in traceback and once we get invoices on our end.

Let me know if you have any questions.

Thanks!

Lab ID	MEDSS	Age	City	County	Hosp	Collection	Onset	Travel	Animal Contact	Grocery	Restaurants	Notes
H21-16904	111703389	18			No	11/30	11/26	No	Parents dog	Aldi Costco Walmart	Chipotle (1201 Broadway Ave S Ste 60, Rochester, MN) (11/23) 2140 Burrito bowl (steak & chx, lettuce, cheese, sour cream) (11/25) 1350 Tacos (steak & chx lettuce, cheese, sour cream) Hubbell House (11/23) Soup beef, maybe other things, Chick-Fil-A (11/24) Spicy chx sandwich (w/ lettuce & tomato), chicken tenders Kumo Sushi (11/21) Spicy crab roll, spicy salmon roll, Boston roll,	 Other leafy greens exposures: Prepackaged salad that included romaine hearts from Walmart. May have eaten salad at Hubbell House

											California roll Perkins (11/22) French toast, bacon, eggs	
H21-16885	111614491	21			No	11/28	11/26	No	Unknown	Unknown	11/20 Chipotle (3780 Marketplace Dr Nw Ste 100, Rochester, MN) Bowl - Rice, Lettuce, Chicken, Cheese, Salsa, Sour Cream, Smoked Brisket 11/17 Dominos Pizza Pepperoni Pizza, Cheesy Bread	Case refused full interview but answered limited questions about restaurants

Epi case ID	Lab	PulseNet	County	Onset	Panera Meal Date and time	Meal	Panera location	Note
103825807	WA0697014	PNUSAE090854	Snohomish	11/21/2021	11/19/2021, Lunch	Green Goddess Cobb Salad with Chicken, baguette, French Bistro Onion Soup, Green Passion Smoothie	South Sound location-possibly Tacoma Mall	Noted that a salad item required substitution (possibly pickled red onion)
103823767	WA0697354	PNUSAE091051	Pierce	11/23/2021	11/19/2021, Lunch	Caesar salad w/ chicken, baguette, Creamy Chicken & Wild Rice Soup, unknown beverage	2107 S. 320th Federal Way (outside The Commons mall)	Asked for no romaine so the arugula, romaine, kale, red leaf blend that was also used in the Green Goddess salad was subbed by restaurant (per receipt)

Office: 651-201-5083



From: Rounds, Joshua (MDH)
Sent: Thursday, December 16, 2021 9:42 AM
To: Sorenson, Alida (MDA) <alida.sorenson@state.mn.us>
Cc: Smilanich, Erin (MDA) <erin.smilanich@state.mn.us>
Subject: Likely Chipotle Commercially Distributed Food Outbreak

Hi Alida,
I see that Erin is out of the office for a couple of days. I have a Chipotle outbreak situation to discuss with you when you have a chance.
Thanks!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health
Office: 651-201-5083



From: MN_MDH_PFGE
To: Rounds, Joshua (MDH); Webb, Paul (MDH)
Subject: RE: New Local STEC Cluster
Date: Thursday, December 16, 2021 10:57 52 AM
Attachments: image002.png

Hi Josh,

An excel file with cgMLST, wgMLST, and metadata is located here: [Q:\Clusters and outbreaks\E.coli\2021\wECM2021013.xlsx](#)

Best,

Selina

Selina Jawahir
Bacteriologist 2 | Enterics Unit
Minnesota Department of Health
Office: 651-201-5262 | Lab: 651-201-5266



From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 9:47 AM
To: Webb, Paul (MDH) <paul.webb@state.mn.us>; MN_MDH_PFGE <Health.PFGE@state.mn.us>
Subject: RE: New Local STEC Cluster

Sorry, one more question. Our isolates have the same exact allele code as the WA isolates which makes me think they are 0 alleles but could you double check for me just to be sure?

<input type="checkbox"/>	TITLE	WGS ID	ALLELE CODE	SEROTYPE CALCULATED
<input type="checkbox"/>	MN__H21-16885	PNUSAE091113	EC1.0 - 18.1.14.38.16	O121:H19
<input type="checkbox"/>	WA__WA0697354	PNUSAE091051	EC1.0 - 18.1.14.38.16	O121:H19
<input type="checkbox"/>	WA__WA0697014	PNUSAE090854	EC1.0 - 18.1.14.38.16	O121:H19

Thank you!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: Rounds, Joshua (MDH)
Sent: Thursday, December 16, 2021 9:35 AM
To: Webb, Paul (MDH) <paul.webb@state.mn.us>
Cc: MN_MDH_PFGE <Health.PFGE@state.mn.us>
Subject: RE: New Local STEC Cluster

Hi Paul and lab folks,

FYI, I'm taking this STEC cluster (wECM2021013) from Marijke. I happened to already be looking at it with one case. It is 0 alleles from a couple of cases in WA that ate at Panera and our cases ate at two different Chipotle locations so likely some sort of commercially distributed food outbreak (best guess at the moment is romaine lettuce).
Thanks!

Josh Rounds, MPH
Epidemiologist Senior | Foodborne Diseases Unit
Minnesota Department of Health
Office: 651-201-5083



From: Webb, Paul (MDH) <paul.webb@state.mn.us>

Sent: Wednesday, December 15, 2021 2:09 PM

To: Decuir, Marijke (MDH) <marijke.decuir@state.mn.us>; Buuck, Sean (MDH) <sean.buuck@state.mn.us>; Eikmeier, Dana (MDH) <dana.eikmeier@state.mn.us>; Firestone, Melanie (MDH) <Melanie.Firestone@state.mn.us>; Gerlach, Dan (MDH) <Dan.Gerlach@state.mn.us>; Magnuson, Luke (MDH) <luke.magnuson@state.mn.us>; Medus, Carlota (MDH) <carlota.medus@state.mn.us>; Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>; Saupe, Amy (MDH) <amy.saupe@state.mn.us>; Smith, Kirk (MDH) <kirk.smith@state.mn.us>; Wiedinmyer, Brooke (MDH) <brooke.wiedinmyer@state.mn.us>

Subject: New Local STEC Cluster

Good afternoon all,

I have a new local Non O157 STEC cluster (wECM2021013) with two isolates (H21-16885 & H21-16904) that are 0 alleles different.

Let me know if you have any questions.

Thank you,

Paul

From: [Roslyn Stone](#)
To: [Rounds, Joshua \(MDH\)](#)
Cc: [Medus, Carlota \(MDH\)](#)
Subject: RE: Potential Foodborne Outbreak Involving Chipotle
Date: Thursday, December 16, 2021 1:05:47 PM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)

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Hey Josh. Good (and bad) to hear from you.

I'm forwarding to Chipotle team now.



Roslyn Stone, MPH | Chief Executive Officer
Zero Hour Health | A Corporate Wellness Company
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1200 High Ridge Rd, Stamford, CT 06905

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From: Rounds, Joshua (MDH) <joshua.rounds@state.mn.us>
Sent: Thursday, December 16, 2021 1:59 PM
To: Roslyn Stone <RStone@zerohourhealth.com>
Cc: Medus, Carlota (MDH) <carlota.medus@state.mn.us>
Subject: Potential Foodborne Outbreak Involving Chipotle

Hi Roslyn,

I wanted to give you a heads up on a potential foodborne outbreak involving Chipotle. We are investigating a small cluster of *E. coli* O121 cases. So far there are two cases in MN and two cases in WA. The WA cases both ate at different locations of the same restaurant chain (not Chipotle) and the MN cases both ate at different Chipotle locations during the week prior to their illness onsets.

The MN cases both become ill on 11/26. Neither case was hospitalized, developed HUS, and both are recovered. The first case ate food from the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location on 11/23 in the evening and on 11/25 at 2pm. The second case ate at the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location on 11/20. We need to call back both cases to get better details on the specific ingredients they would have consumed but both report romaine lettuce which potentially matches what the WA cases ate. We are also planning to cross reference the foods reported to see if there are any other potential common ingredients like tomatoes, avocado, cilantro, jalapeno peppers, or onion, and then are likely planning to traceback any common ingredients shared by the MN and WA cases to see if they come from a common source.

I just let Olmsted County Environmental Health (the EH folks for both Chipotle locations) know about the investigation this morning and they are planning to go out to the two locations today to put in place an employee screening form (to screen for employee illness) and request invoices for the month prior to the MN cases meal dates from both locations. We are not planning to interview employees or have employees submit stool specimens for testing at this time.

I know you have been very helping to provide us with online order information for Chipotle patrons in previous investigations. Would you be able to assist us in getting online orders for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location for 11/23 and 11/25 and then the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location for 11/20?

Additionally, please let me know if you think it would be easier/faster to get invoices for foods received at the two Chipotle locations through you. Below are the dates we are requesting invoices for each location.

- 10/23 – 11/25 for the 1201 Broadway Ave S Ste 60, Rochester, MN Chipotle location
- 10/20 – 11/20 for the 3780 Marketplace Dr Nw Ste 100, Rochester, MN Chipotle location

Please let me know if you have any questions.

Thank you!

Josh Rounds, MPH

Epidemiologist Senior | Foodborne Diseases Unit

Minnesota Department of Health

Office: 651-201-5083



Shipment	Lot number	Lettuce Romaine Chopped 6x2.5 lb Receiving Details			Region of harvest	Date harvested
		Use by date				
	11/19/2021 Lot #1: YTF319B23	Use by Date of Lot #1 : 12/01/2021			Yuma, AZ	11/12/2021
	11/18/2021 Lot #1: STF314B14	Use by Date of Lot #1 : 11/28/2021			Salinas Valley, California	11/6/2021
	11/17/2021 Lot #1: STF314B14	Use by Date of Lot #1 : 11/28/2021			Salinas Valley, California	11/6/2021
	11/16/2021 Lot #1: STF312B14; Lot #2: STF314B14	Use by Date of Lot #1 : 11/26/2021; Use by Date of Lot #2 : 11 /28/2021			Salinas Valley, California	11/4/2021
	11/15/2021 Lot #1: STF311B14	Use by Date of Lot #1 : 11/24/2021			Salinas Valley, California	11/3/2021
	11/14/2021					
	11/13/2021 Lot #1: STF311B14; Lot #2: STF310B14; Lot #3: STF309B14	Use by Date of Lot #1 : 11 /24/2021; Use by Date of Lot #2 : 11 /22/2021; U		Salinas Valley, California		11/2/2021
	11/12/2021 Lot #1: STF309B14; Lot #2: STF308B14; Lot #3: STF307B14	Use by Date of Lot #1 : 11 /21/2021; Use by Date of Lot #2 : 11 /20/2021; U		Salinas Valley, Cal iforn ia		11/1/2021
	11/11/2021 Lot #1: STF308B14	Use by Date of Lot #1 : 11 /20/2021		Salinas Valley, Californ ia		10/31/2021
	11/10/2021 Lot #1: STF308B14	Use by Date of Lot #1 : 11/20/2021		Salinas Valley, California		10/31/2021
	11/9/2021 Lot #1: STF308B14; Lot #2: STF307B14	Use by Date of Lot #1 : 11 /20/2021; Use by Date of Lot #2 : 11 /19/2021		Salinas Valley, California		10/30/2021
	11/8/2021 Lot #1: STF306B14; Lot #2: STF30814	Use by Date of Lot #1 : 11 /18/2021; Use by Date of Lot #2 : 11 /19/2021		Salinas Valley, California		10/29/2021
	11/7/2021					
	11/6/2021 Lot #1: STF303B14; Lot #2: STF304B14	Use by Date of Lot #1 : 11/15/2021; Use by Date of Lot #2 : 11/16/2021		Salinas Valley, Californ ia		10/27/2021
	11/5/2021 Lot #1: STF303B14	Use by Date of Lot #1 : 11/15/2021		Salinas Valley, California		10/26/2021
	11/4/2021 Lot #1: STF303B14	Use by Date of Lot #1 : 11 /15/2021		Salinas Valley, California		10/26/2021
	11/3/2021 Lot #1: STF299B14; Lot#2: STF303B14	Use by Date of Lot #1 : 11/11/2021; Use by Date of Lot #2 : 11/15/2021		Salinas Valley, California		10/22/2021
	11/2/2021 Lot #1: STF299B14	Use by Date of Lot #1 : 11/11/2021		Salinas Valley, California		10/22/2021
	11/1/2021 Lot #1: STF299B14	Use by Date of Lot #1 : 11/11/2021		Salinas Valley, California		10/22/2021
	10/31/2021					
	10/30/2021					
	10/29/2021 Lot #1: STF296B14	Use by Date of Lot #1 : 11 /08/2021		Salinas Valley, California		10/19/2021
	10/28/2021 Lot#1: STF293B14; Lot #2: STF296B14	Use by Date of Lot #1 : 11 /05/2021; Use by Date of Lot #2 : 11/08/2021		Salinas Valley, California		10/16/2021
	10/27/2021 Lot#1: STF293B14	Use by Date of Lot #1 : 11/05/2021		Salinas Valley, California		10/16/2021
	10/26/2021 Lot #1: STF293B14	Use by Date of Lot #1 : 11/05/2021		Salinas Valley, California		10/19/2021
	10/25/2021 Lot #1: STF293B14	Use by Date of Lot #1 : 11 /05/2021		Salinas Valley, California		10/16/2021
	10/24/2021					
	10/23/2021 Lot #1 · STF292B14	Use by Date of Lot #1 : 11/04/2021		Salinas Valley, California		10/15/2021
	10/22/2021 Lot #1: STF288B14	Use by Date of Lot #1 : 10/31/2021		Salinas Valley, California		10/15/2021
	10/21/2021 Lot #1: STF286B13, Lot #2: STF288B14	Use by Date of Lot #1 : 10/29/2021; Use by Date of Lot#2 : 10/31/2021		Salinas Valley, California		10/11/2021
	10/20/2021 Lot#1: STF288B14	Use by Date of Lot#1 : 10/31/2021		Salinas Valley, California		10/13/2021
	10/19/2021 Lot#1:STF286B13	Use by Date of Lot #1 : 10/29/2021		Salinas Valley, California		10/12/2021



1060075

K ORC

TF CHOP ROMAINE 1X1
6/2.5#

NET WEIGHT 15 LBS
PRODUCT OF USA

1060075WO2021348B24

BEST IF USED BY : 12/30/21 YTF348B24

Romaine: Yuma

HARVESTED AFTER: 12/11/21

TAYLOR FARMS
SALINAS, CA 93901
ODSERVICE







***E. coli* O121:H19 Infections Associated with Romaine Lettuce**

Multiple States

November 2021

Background

On December 13, 2021, the Washington State Department of Health (WSDH) contacted Minnesota Department of Health (MDH) staff to report that a Minnesota clinical isolate of Shiga toxin-producing *E. coli* O121:H19 was closely related to two Washington clinical isolates by whole genome sequencing (WGS). All three isolates were Stx2 only producing. Both Washington cases reported eating at different locations of Panera Bread prior to their illness onset. On December 15, the MDH Public Health Laboratory (PHL) identified a second Minnesota clinical isolate that was closely related to the first isolates; upon interview both Minnesota cases reported eating at different Chipotle Mexican Grill locations in Rochester, Minnesota. An investigation was initiated.

Methods

Cases were defined as Minnesota residents who tested positive for *E. coli* O121:H19 that was highly related (within 5 alleles) to the outbreak strain by WGS cgMLST from November 20 to December 1, 2021, or who ate at a Chipotle in Rochester within the outbreak time period and tested positive for Shiga toxin producing *E. coli* (STEC) at a clinical laboratory or developed diarrhea (≥ 3 stools in a 24-hour period) that was at least 3 days in duration.

The Minnesota cases were initially interviewed with a routine surveillance questionnaire and then re-interviewed with a Chipotle-focused questionnaire. Chipotle provided online-order information for patrons who ate food from the Rochester Chipotle locations on November 20 and 23, and patrons were called to ascertain additional cases and controls.

Traceback investigations were performed by the Minnesota Department of Agriculture (MDA) and the United States Food and Drug Administration (FDA).

Results

Five cases were identified in Minnesota, including two culture-confirmed *E. coli* O121:H19 cases, two cases who reported eating at one of the two Chipotle locations and were positive for STEC at a clinical laboratory but not culture confirmed at the MDH PHL, and one case who met the illness case definition but did not submit a stool specimen for testing. The median incubation period for the five cases was 3 days (range, 3 to 10 days). All five cases reported

diarrhea and abdominal cramps, four (80%) reported bloody stools, two (40%) reported vomiting, and none reported fever. The duration of illness for the one case with a known recovery date was 11 days. No cases developed HUS, were hospitalized, or died.

Seventy-seven Chipotle patrons (including the 5 cases) were interviewed with a menu-specific questionnaire. Four cases reported eating at the 3780 Marketplace Dr. NW Ste. 100 Chipotle Mexican Grill location on November 16, 20, and 23 (n=2), and one case ate at the 1201 Broadway Ave S Ste. 60 Chipotle location on November 23. While no specific ingredient was significantly associated with illness, romaine lettuce was reported by 4 (80%) of the 5 cases, including all 4 laboratory-confirmed cases, compared to 30 (49%) of 61 non-ill controls (odds ratio, 4.1; 95% confidence interval, 0.37 to 210.0; $p = 0.36$). Additionally, the only common ingredient consumed by the Minnesota cases at Chipotle and the two Washington cases at Panera Bread was romaine lettuce.

A traceback investigation conducted by the MDA and the FDA determined that romaine lettuce that would have been served at the two Chipotle locations on November 20 and November 23 was supplied by Reinhart Foods, which received the romaine lettuce from Taylor's Farms in Salinas, California; the lettuce was grown in the Salinas, California growing region. Traceback of the romaine lettuce served at the two Panera Bread locations indicated that it was also supplied by Taylor's Farms in Salinas, California, and that there was a common ranch that supplied romaine lettuce to the four outbreak Panera and Chipotle locations.

Conclusions

This was a multi-state outbreak of *E. coli* O121:H19 infections associated with romaine lettuce. Romaine lettuce was reported by the majority of cases and was the only food item consumed by cases at the four implicated restaurant locations in Minnesota and Washington, and traceback investigations indicated that romaine lettuce consumed at the implicated restaurant locations was produced at a common ranch.