Interviewer name:_	
Date of interview: _	//

Standard foodborne disease outbreak case questionnaire

Introductory note

This questionnaire is an adaptation of a standardized questionnaire developed by the Minnesota Department of Health. It is intended for use as a template for investigating foodborne disease outbreaks. The content or format may require modification in accordance with the circumstances of a particular outbreak. Some aspects of the questionnaire you may wish to customize include:

- 1. If you suspect a food item that does not appear in this questionnaire, add questions about this food.
- 2. If a pathogen has been identified, consider adding or altering clinical questions and specifying the incubation period accordingly.
- 3. Decide how to code onset times when respondents give nonspecific responses such as "morning" or "am."

Part I. Demographics/Introduction:

Pt. Name:		DOB:/
Age: years		
Address:		
Home phone:		
City:	County:	
Zip:		
Parent's Name (if child)		
Occupation:		
Work Phone:		
Name and Address of Employer, daycare, school	ol:	
Halla My nama is	and I'm calling from 6	ha Stata Haalib
Hello. My name is		
Department. I'm calling because there have bee community and we are working to identify the southe community. We understand that you are one of you some questions about your illness and foods the work. This will take about minutes. Can we	of the people who had that you ate before become	can prevent additional illness in ais illness. I would like to ask
If no: Is there a convenient time I can call you ba	TT:	

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		Telephone:
Who was interviewed?	9 Patient	9 Other person

Interviewer name:	
Date of interview://	

Part II. Clinical information

Which did you expen	rience <u>fir</u>	<u>st</u> : 9 vor	mit	9 di	arrhea	
Date of onset of von						
Onset time: Circle ci	osest no	our. For	onset	umes ajī	er miani	ght, double-check the onset day/date!
1 ar	n	7 am	1	13-1	pm	19-7 pm
2		8		14-2	C .	20-8
3		9		15-3		21-9
4		10		16-4		22-10
5		11		17-5		23-11
6 ar	n	12 no	on	18-6]	pm	24-12 midnight
Are you still experien	cing von	nit or dia	urrhea?	Y	N	
Date of last day of ill Time of last episode						
Read questions exa know, can't remem	-			Circle Y	for "ye.	s," N for "no" and DK for "don't
Did you have:						
Nausea		Y		N		DK
Vomiting	Y		N		DK	
Diarrhea	Y		N		DK	
If yes:						
Maximum number of	stools in	n a 24-ho	our perio	od:		
Bloody diarrhea	Y		Ñ		DK	
Abdominal cramps	Y		N		DK	
Fever	Y		N		DK	
Chills	Y		N		DK	
Headache	Y		N		DK	
Body aches	Y		N		DK	
Fatigue	Y		N		DK	
Constipation	Y		N		DK	
Other:	Y		N		DK	

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Did you see a healthcare profession Y N W	nal, such as a d		rse?		
Were you hospitalized overnight? Where?	Y	N			
Was a stool culture done? Results:	Y	N	DK –		
Did you take any prescription medications?			Y	N	DK
Did anyone in your household have	a similar illnes	ss? If yes, who	0?		
Do you know of anyone else with a If yes, who?Telephone:			- 	Y N	N DK
Part III. General information					
Did you attend a large gathering the events, clubs, school events, atl		•			
If yes, what events?					
Event 1:	location:			When? _	//
Event 2:	location:			When? _	//
Event 3:	location:			When? _	//
Event 4:	location:			When? _	//
Do you know anyone else in your n with the same illness? If yes: Where?	Y N	chool/office/b	usiness/health	club/church/s	ynagogue etc.
How many people?	Nam			Tel_	
				Tel	
	Name			Tel	

				_wnen?	/	/ _	to		- ′	
If airline travel, what airli	ne?									
Outgoing flight no			Return f	light no.						
Foods eaten on plane goin	g there	e:				_				
return:					please p	rovide re	sort			
name:										
If cruise ship, name of ship	Р		Des	sumations	·					
Have you had contact with child If yes, when://			•	during th	ne seven	days bef	ore illne	ess?	Y	N
Location		Dhon								
LocationAre you aware of any other	r illnes	Pnon s in the	ie: davcare?	Y	N	DK				
The you aware of any outer	· minos	5 111 1110	day care.	•	11	211				
pets elsewhere, or visit a ho		_								
pets elsewhere, or visit a ho If yes, what type of pets? If your own pets, where do	o you b	ouy your	r pet foods'	?				brand		N
pets elsewhere, or visit a ho If yes, what type of pets? If your own pets, where do ———————————————————————————————————	you b arm, or	ouy your r visit a j	r pet foods' petting zoo ve contact	?				brand		 N
If yes, what type of pets? If your own pets, where do Did you live on a farm, visit a farm.	you b arm, or	ouy your r visit a j	r pet foods' petting zoo ve contact	?				brand		N
pets elsewhere, or visit a ho If yes, what type of pets? If your own pets, where do Did you live on a farm, visit a fa If yes: what kind of animal with?// When?// From what sources of water did Municipal tap water Private well water Untreated surface water	arm, or l(s) did	r visit a provided the second value of the sec	petting zoo ve contact ere? ring the seve DK DK	?in the sev	ven days	before y	our illne	brand		N
pets elsewhere, or visit a ho If yes, what type of pets? If your own pets, where do Did you live on a farm, visit a fa If yes: what kind of animal with? When? // From what sources of water did Municipal tap water Private well water	arm, or l(s) did	r visit a plant of the second	petting zoo ve contact ere? ring the seve	?in the sev	ven days	before y	our illne	brand		N

Interviewer name:___

Date of interview: ___/___/

				Interviewer name:/ Date of interview:/	
				Date of filterview.	/
If yes, where?	Ocean/sea	Y	N	If yes: Location	
25 900, 1110101	Pool	Y	N	If yes: Location	
	Lake	Y	N	If yes: Location	
	Pond	Y	N	If yes: Location	
	River	Y	N	* *	
	Other	Y	N	If yes: Location	
Where did you sho	p for groceries	consum	ed the w	eek before your illness?	
Store r	name:			Location:	
Store r	name:			Location:	
Store r	name:			Location:	
Store r	name:			Location:	
Part IV. Specific	food question	ıS			
When what what the week before store or restaur.	was the brand ype of ground your illness, di	name?_ beef wa d you co	as it (ext	cher shop, custom butcher	?place other than a grocery
Where:				Vhat: 	
more eggs?		Y	N	t any dish that involved br DK	reaking and mixing four or
ij yes. Wi	iere did you o	ay the c	653		_ *************************************
WI	nat was the br	and?			
Have you done any Did you taste a					N

				Interviewer name:
				Date of interview:/
during the week before	re your i	llness?	Y	ses such as queso fresco made with unpasteurized milk N
Part V. Restaurant	ts Expos	sures:		
In the seven days beforestablishment?	ore your	illness,	did you e	at at any of the following types of commercial food
Restaurant	Y	N	DK	
Fast-food establis	hment	Y	N	DK
Cafeteria	Y	N	DK	
Deli	Y	N	DK	
Read-to-eat food	served i	n a supe	ermarket	or department store? Y N DK
Street-vended for		N	DK	
Concession stand		-,		
sporting even		N	DK	
Snack bar		N	DK	
Gas station		N	DK	
Please list all such foo	od establ	ishment	s where y	you ate during the seven days before you became ill.
Name:				date:/
				time:
Foods eaten:				
Name:				date: / /
				time:
Foods eaten:				
				date:/
Address:				time:
Foods eaten:				

	Interviewer name: Date of interview://
Name:Address:Foods eaten:	

te:	/_	/	 	
		time: _		
te:	/_	/		
		time: _	 	
			nte:// time:	

Interviewer name:___

Date of interview: ___/___/

Interviewer name:
Date of interview://

Part VI. Open-ended food history:

List the location of the meal and foods eaten within ____ days before onset of symptoms. [Use the incubation period applicable to the agent/disease under investigation, e.g.,

Bacillus cereus: 1-24 hours E. coli O157:H7: 2-7 days Staphylococcus: 30 min - 8 hrs Viral agent: 0-3 days Campylobacter: 1-10 days Salmonella: 0-5 days Vibrio parahemolyticus: 0-2 days

Cryptosporidium: 1-12 days Shigella 0-3 days

If a specific agent is not suspected at the time of interview, ask about the day of illness and the four days before illness.

Days before illness onset: 0 (Day of illness onset)	<u>Meal</u> Breakfast	Ate at Ate outside home of home 9 9	Outside <u>location</u>	Foods eaten
Day of week:	Lunch	9 9		
Date://	Dinner	9 9		
	Other	9 9		
Days before illness onset: 1		Ate at Ate outside	Outside	
(Day before illness onset)	<u>Meal</u>	<u>home</u> <u>of home</u>	<u>location</u>	Foods eaten
	Breakfast	9 9		

			nterviewer name Date of interview	:: r://
Day of week:	Lunch	9	9	
Date:/	Dinner	9	9	
	Other	9	9	

Interviewer name:_	
Date of interview: _	//

Days before illness onset: 2	Meal Breakfast	Ate at Ate outside home of home 9 9	Outside location	Foods eaten
Day of week:	Lunch	9 9		
Date:/	Dinner	9 9		
	Other	9 9		
Days before illness onset: 3	Meal Breakfast	Ate at Ate outside home of home 9 9	Outside location	Foods eaten
Day of week:	Lunch	9 9		
Date:/	Dinner	9 9		
	Other	9 9		
Days before illness onset: 4	Meal	Ate at Ate outside	Outside	Foods actor
	<u>ivicai</u>	<u>home</u> <u>of home</u>	<u>location</u>	Foods eaten

			nterviewer name Date of interview	:: :://
	Breakfast	9	9	
Day of week:	Lunch	9	9	
Date:/	Dinner	9	9	
	Other	9	9	

Interviewer name:_	
Date of interview:	//

Days before illness onset: 5	Meal Breakfast	Ate at Ate outside <a hee="" hee.com="" home"="" href="https://hee.com/he</th><th>Outside location</th><th>Foods eaten</th></tr><tr><th>Day of week:</th><th>Lunch</th><th>9 9</th><th></th><th></th></tr><tr><th>Date:/</th><th>Dinner</th><th>9 9</th><th></th><th></th></tr><tr><th></th><th>Other</th><th>9 9</th><th></th><th></th></tr><tr><th>Days before illness onset: 6</th><th><u>Meal</u>
Breakfast</th><th>Ate at Ate outside home of home 9	Outside location	Foods eaten
Day of week:	Lunch	9 9		
Date:/	Dinner	9 9		
	Other	9 9		
Days before illness onset: 7	<u>Meal</u>	Ate at Ate outside home of home	Outside location	Foods eaten

			nterviewer name Date of interview	:: :://
	Breakfast	9	9	
Day of week:	Lunch	9	9	
Date:/	Dinner	9	9	
	Other	9	9	

Interviewer name:
Date of interview://

Appendix: Specific food consumption history:

Plea	ase indicate for each of the food items listed below whether you definitively ate it, maybe ate it, definitively did not eat it, and whether it
	was cooked or uncooked, during the seven days before you became ill. The time period we are talking about is
	from,/ to,/

Check the appropriate box; if "definitely ate" or "maybe ate" fill out remainder of columns.

Food item	definitel Y	maybe ate	definite NOT	how prepared	<u>brand</u>	<u>store</u>	date bought	date eaten
<u>Dairy</u>								
Milk								
<u>Buttermilk</u>								
Sour cream								
Cottage cheese								
Cheese								
a. shredded								

Date of interview:/									
b. processed sliced									
c. block									
d. string									
e. curds									
Ice cream									
Frozen dessert									
Yogurt									
Meat, poultry									
<u>Chicken</u>									
<u>Turkey</u>									
<u>Hamburger</u>									
Hamburger as ingredient									
What kind of dish?									
Hamburger: raw,	rare (red in n	niddle),	medium (pink ii	n middle), well done					
Other beef		_							
<u>Pork</u>									

Interviewer name:__

<u>Lamb</u>

Date of interview:/									
Sausage									
<u>Fish</u>									
<u>Shellfish</u>									
Other meat/poultry/fish									
Eggs									
Any egg									
fried: sunny-side up over easy fried hard scrambled: scrambled-runny scrambled-dry boiled: soft-boiled hard-boiled omelette omelette-runny omelette-hard									
Fruits (fresh, not canned Oranges	<u>)</u>								
Other citrus									
<u>Pears</u>									
Apples									
Other tree fruit									
<u>Strawberries</u>									

Interviewer name: Date of interview:/									
_	_								
Other berries									
<u>Grapes</u>									
<u>Bananas</u>									
Mangoes									
Cantaloupe									
Water melon									
Other melon									
Exotic fruit (specify)									
Vegetables (fresh)									
Prepackaged salad									
Lettuce									
<u>Iceberg</u>									
Red leaf lettuce									
Romaine lettuce									
Mesclun greens									

Spinach

<u>Cabbage</u>

Interviewer name:_	
Date of interview:	/

		Г		Г	
Tomatoes					
Cucumbers					
Peppers					
<u>Asparagus</u>					
Celery					
Carrots					
<u>Radishes</u>					
<u>Pea pods</u>					
Egg plants, squash					
Onions					
<u>Green</u>					
Other (white, Spanish)					
Broccoli					
Fresh herbs					
Mushrooms					
Cilantro					

Date of interview:/									
Sprouts (e.g. on sandwich)									
Alfalfa sprouts									
Bean sprouts									
Peanut butter									
<u>Salsa</u>									
<u>Dips</u>									
<u>Salads</u>									
Green (tossed)									
Caesar salad									
Fruit salad									
Pasta salad									
Potato salad									
Cole slaw									
Other Salad									
<u>Beverages</u>	Beverages								
Apple juice or cider									
Orange juice									

Interviewer name:__

Interviewer name:	
Date of interview: _	_//

Other fruit juice				
Iced tea				
Special teas, herbal drinks				