

Shotgun

Respondent was: self parent spouse _____ State _____ Case ID _____
Interviewed by _____ on _____ start time _____
Age _____ Sex M F County _____
First positive specimen collected m _____ /d _____ /y _____ PHL Specimen ID _____
Pathogen: Salmonella _____ E. coli 0157 E. coli _____

IMPORTANT TIPS FOR THE INTERVIEWER:

- 1) SUBQUESTIONS: When asking a question with "subquestions" below, you are not required to list all of the options for the case unless the question explicitly prompts you to do so (e.g., "if yes" or "read all"). You should always offer a few examples if the case is unsure of what you are asking.
- 2) MARKING RESPONSES: Try to capture as many exposures as possible by checking an available box on the questionnaire. If the case gives a response that is not listed as a subquestion, use the space available to the right of the question to write in the response. This information could still be important for the investigation.
- 3) ELIGIBILITY: If a case answers "YES" to any of the eligibility questions below, STOP, drop (your pencil) and reconsider--it may not be worth interviewing this case!

Symptom Onset

INSTRUCTIONS

- 1) Get precise answers for onset date and time - they are crucial for calculating incubation times. Don't let them get away with vague stuff like "morning" or "some time after midnight." Prompt as needed, and keep probing until you get an exact time (midnight is defined as the *end* of the day).
- 2) Ask about exposures **1 to 7 days** before onset of first symptoms (you can use the day-of-the-week guide below to assist you).
For example, if the case first had symptom(s) at 2pm on 10/31, ask about exposures between 10/24 and 2pm on 10/30.

Onset of first symptoms _____ Time of first onset _____ am noon _____ pm midnight
Onset of first vomiting or diarrhea _____ Time of first V or D _____ am noon _____ pm midnight

Ask about exposures between these dates: M T W T F S S _____ through M T W T F S S _____

Eligibility

Interviewer only, do not ask case

2161 Indicate source(s) of positive lab tests
2156 ☐ stool 2157 urine 2158 ☐ blood
2159 ☐ CSF 2160 other _____

11 Y ? N Is the onset date for GI symptoms ambiguous? (*Within a day or 2 is acceptable.*)

2226 Y ? N Would this interview require a third-party translator?

2225 Y ? N Is this case part of an outbreak that has already been "solved"?

Ask the following eligibility questions to the case

63 Y ? N Do you have any chronic condition involving diarrhea or vomiting?

§† 58 Y ? N Was anyone in your household sick with diarrhea or vomiting in the week before you got sick?

§† 59 Y ? N Were you in contact with anyone outside your household who had vomiting or diarrhea in the week before you got sick?

§† 46 Y ? N Any travel outside the United States in the 7 days before onset?

1948 ☐ Mexico

1949 ☐ Canada

1011 other _____

*If there were any "YES" answers to the eligibility questions above, **STOP!!**, under most circumstances, this person should not be interviewed!*

Personal

§† 47 Y ? N travel outside your home state (including local commutes)
list states visited:

§† 48 Y ? N travel within your home state (outside your usual area)

§ = Salmonella risk question † = E. coli risk question



51	Y	?	N	Do you make a point to select organic produce when you shop?
2234	Y	?	N	Do you keep a food diary, log, or document your meals through social media (e.g., post pictures of meals on Facebook)
55	Y	?	N	Any food allergies or special diets for medical, weight loss, religious, or any other reason? (<i>Check all that apply</i>)
				52 ☐ vegetarian
				53 ☐ vegan
				54 ☐ weight loss
				843 ☐ medical diet
				56 ☐ milk (lactose) intolerant
				62 ☐ gluten-free
				60 ☐ no nuts
				61 ☐ no shellfish
				1013 ☐ halal
				1014 ☐ kosher
				2131 ☐ no eggs
				1256 ☐ other _____

Places to Eat Out

Let's start with some general questions about eating out at restaurants, getting take-out, or anything like that. For each one, give me a "yes" or "no" if you ate at such a place. Do you recall eating anything at....

1953	Y	?	N	homes of family or friends
113	Y	?	N	coffee or tea shops (e.g., Starbucks)
116	Y	?	N	gas stations, truck stops, mini-marts
125	Y	?	N	child-care facility
107	Y	?	N	school cafeteria food (K-12 breakfast or lunch, not including food from home)
§† 129	Y	?	N	food brought in to school classes (e.g., cupcakes from home)
121	Y	?	N	cafeteria/dining room (e.g., at colleges, worksites)
§† 108	Y	?	N	snacks or food brought to an office or worksite
§† 130	Y	?	N	food at a meeting or conference
120	Y	?	N	free samples (e.g., Costco, Trader Joes, farmers' market)
2081	Y	?	N	ready-to-eat food service inside grocery stores (e.g., deli items, salads, soups)
971	Y	?	N	sandwich shop or deli
1199	Y	?	N	bakery
702	Y	?	N	ice cream, yogurt, candy, and dessert shops
115	Y	?	N	concession stands (e.g., at concert halls, sports events, stadiums, county fairs)
114	Y	?	N	street vendors, food carts or trucks
1389	Y	?	N	shopping mall food courts
132	Y	?	N	airports
133	Y	?	N	food on airplanes
704	Y	?	N	meals served on trains, buses, or boats (not personal food)
123	Y	?	N	hotel or motel
122	Y	?	N	nursing home/assisted living/retirement center dining facility
§† 128	Y	?	N	food at a religious gathering
§† 127	Y	?	N	catered private gathering-ys (e.g., weddings, events)
2083	Y	?	N	jail, prison, or other institution
124	Y	?	N	hospital (inpatient or cafeteria)
§† 2092	Y	?	N	leftovers brought back from a restaurant, workplace, or event

Restaurants

Now I'd like to ask you some questions specifically about restaurants.

§† 109 Y ? N Did you eat anything from any fast food restaurant?

166 ☐ Burger King	709 ☐ Burgerville	167 ☐ Carl's Jr.
840 ☐ Chipotle	170 ☐ Domino's	2575 ☐ In-N-Out Burger
975 ☐ Little Ceasar's	175 ☐ McDonald's	177 ☐ Papa Murphy's
178 ☐ Pizza Hut	182 ☐ Subway	183 ☐ Taco Bell
185 ☐ Wendy's	2084 other _____	

§† 110 Y ? N How about anything from a sit-down restaurant?
If no, probe to make sure, but then skip to next section.

§† 2118 List all sit-down restaurants patronized during exposure window and not already itemized above.

Now I'll go through some different restaurant categories. Try to remember if you dined at any of these types of restaurants (please include the restaurants you already mentioned, as well as any you may have left out in the previous question).

1017 Y ? N Did you eat at any Asian restaurant

1222 ☐ Indian/Pakistani	136 ☐ Chinese	138 ☐ Thai
2085 ☐ Korean	137 ☐ Vietnamese	139 ☐ Japanese
141 other _____		

142 Y ? N Mexican restaurant

159 Y ? N buffet-style restaurant

154 Y ? N steakhouse or grill

119 Y ? N tavern or pub

156 Y ? N seafood

151 Y ? N vegetarian restaurant

144 Y ? N pizzeria

Foods Eaten Out

Now I'd like to ask you specifically about some ready-to-eat foods that you might have gotten from a restaurant, deli, or a vendor—really anything that wasn't prepared at home. (This would include take-out food eaten at home.)

§† 1986 Y ? N hamburger

587 ☐ fast food burger	588 ☐ sit-down restaurant burger
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§† 1987 Y ? N other ground beef (e.g., taco, burrito)

1988 ☐ fast food setting	1989 ☐ sit-down restaurant
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1992 Y ? N steak (beef)

589 Y ? N any other beef (e.g., prime rib, carne asada, ribs, stir fry)

812 Y ? N pork (e.g. pulled pork, canitas)

813 Y ? N turkey

§	814	Y	?	N	chicken 1990 ☐ chicken from fast food setting 1991 ☐ sit-down restaurant 2130 ☐ deli or other source
	597	Y	?	N	pizza from a pizzeria
	599	Y	?	N	burrito or wrap
	762	Y	?	N	sushi, sashimi, or ceviche
	590	Y	?	N	deli-type sandwich or sub
§†	591	Y	?	N	sandwich that might have had sprouts on it
	592	Y	?	N	sandwich or burger garnished with lettuce
	763	Y	?	N	anything containing shredded lettuce (e.g., sandwich, taco, burrito, wraps)
	595	Y	?	N	any kind of salad made with lettuce or greens
	596	Y	?	N	anything containing raw tomatoes (e.g., salad, salsa, burger, sandwich)
	594	Y	?	N	anything from a salad bar (<i>If <u>yes</u>, specify salad bar location</i>)
§†	761	Y	?	N	<i>If yes, Were there sprouts on the salad bar? (Check with restaurant if case thinks not and sprouts are of interest)</i>

Sources of Food at Home

Let me ask you some questions about where you got the food that you ate at home. Did you get anything from....

	84	Y	?	N	membership stores like Costco (whether or not you're a member) 1691 ☐ Costco 1871 ☐ Sam's Club 1946 ☐ Bi-Mart
	83	Y	?	N	grocery stores and supermarkets 1651 ☐ Albertsons 1716 ☐ Food 4 Less 1732 ☐ Fred Meyer 1947 ☐ Grocery Outlet 1755 ☐ Haggen 1779 ☐ IGA/Thriftway 1807 ☐ Market of Choice 1826 ☐ New Seasons 1845 ☐ QFC 2352 ☐ Ray's Food Place 1854 ☐ Red Apple 1863 ☐ Rosauers 1864 ☐ Roth's Fresh 1869 ☐ Safeway 1882 ☐ Sherm's Thunderbird 1909 ☐ Target 1917 ☐ Trader Joes 1932 ☐ Walmart 1938 ☐ Whole Foods Market 1940 ☐ WinCo 1945 ☐ Other stores _____
	86	Y	?	N	specialty markets (e.g., bodegas, Indian or Asian groceries)
	85	Y	?	N	small markets and mini-marts
	91	Y	?	N	farmers' markets
	2086	Y	?	N	food co-ops
	87	Y	?	N	health food stores
	1403	Y	?	N	roadside stands or on-farm locations
	92	Y	?	N	CSA (Community Supported Agriculture) produce
	90	Y	?	N	bakery, bagel, donut, dessert, pastry shop
	93	Y	?	N	meat or fish market
	97	Y	?	N	private- or custom-processed meat
	99	Y	?	N	food banks or charity kitchens
	95	Y	?	N	home delivery grocery services or meal kits (e.g., Amazon, Schwan's; Blue Apron, HelloFresh, Imperfect Produce)
	708	Y	?	N	food from other households (e.g., friends, family, etc.)
	89	Y	?	N	delicatessens (including in-store delis)
	1200				other places where you shopped for food _____

Records

Now I would like to ask some questions about sources of food you prepared and ate at home in the 7 days before your illness began. Sometimes we need to collect information about specific brands you purchased and purchase dates. For instance, during outbreaks, this information can help us identify food items suspected of causing illness. Shopper records or membership information for you or other members of your household can help provide these purchase details. Receipts or other records you might have for food eaten in the 7 days before you got sick can also be helpful.

1224	How do you usually pay for your food purchases? (Check all that apply)		
	1405 ☐ cash	1404 ☐ credit card	1406 ☐ debit card
	1408 ☐ check	1407 ☐ SNAP/EBT/Food stamps	2087 ☐ WIC vouchers

1412	What kind(s) of records might you have for food purchases? (Check all that apply)		
	100 ☐ receipts	101 ☐ credit card statements	102 ☐ check stubs
	103 ☐ shopper card records at store	104 ☐ membership records (e.g., Costco)	
	106 ☐ no records available	105 other _____	

1414 Y ? N (If sporadic case): If your case becomes part of an outbreak, would you be willing to provide your shopper card number (or associated phone number) for membership stores, reward programs, etc.? If yes, we will call you back if necessary to request this information.

1414 Y ? N (If outbreak- or cluster-associated case): Would you be willing to provide your shopper card number (or associated phone number) for membership stores, reward programs, etc.? If yes, please list available number(s):

Your purchase history will be shared only on a need-to-know basis with local, state, and federal public health officials during the investigation. This information could help solve the outbreak and prevent additional illnesses. (Resource to share with case if they want more information on how records are used: <https://www.youtube.com/watch?v=8sQrrNLjJdY&t=6s>)

Meat and Poultry at Home

I'd like to ask you some questions about meat and poultry that was prepared or eaten at home. Right now I'm asking specifically about meat and poultry that was uncooked at the store and when you started to prepare it at home. Did you eat any....

§ 204 Y ? N	ground chicken		
	1972 ☐ bulk (on tray or in package)	1974 ☐ sausage or patties	1973 ☐ chub (plastic tube)

§ 213 Y ? N	any other chicken (If yes, how was it packaged at the store?)		
	214 ☐ whole, frozen	215 ☐ parts, frozen	
	1044 ☐ whole, fresh	205 ☐ parts, fresh	

§ 208 Y ? N	ground turkey		
	1975 ☐ bulk ground turkey	1977 ☐ sausage or patties	1976 ☐ ground turkey in chub (plastic tube)

§ 1198 Y ? N	any other turkey (If yes, how was it packaged at the store?)		
	719 ☐ whole, frozen	720 ☐ parts, frozen	
	1048 ☐ whole, fresh	1046 ☐ parts, fresh	

§† 220 Y ? N	ground beef (If yes, how was it packaged at the store?)		
	219 ☐ fresh (bulk) ground beef	218 ☐ pre-formed patties (fresh or frozen)	963 ☐ chub (plastic tube)

221 Y ? N frozen steaks

721 Y ? N any other beef (e.g., roasts, ribs, carne asada)

223 Y ? N ground pork

224 Y ? N any other fresh pork (not ham; e.g. pork chops, pork roast)

§† 1376 Y ? N	Was there any meat or poultry prepared in your home, even if you didn't eat it?		
	2353 ☐ chicken	2354 ☐ ground beef	2355 ☐ other beef
	2356 ☐ turkey	2357 ☐ pork	

Other Meat and Poultry

Now a few questions about some less common meat and poultry products. For these I just need a "yes" or "no" if you remember eating or tasting them anywhere—at home, at a restaurant, or anywhere else.

225 Y ? N	lamb		
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226 Y ? N	veal		
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724 Y ? N	bison (buffalo)		
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§† 227 Y ? N	wild venison or game (e.g., deer, elk)		
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§† 937 Y ? N	any other poultry (not chicken or turkey)		
	217 ☐ duck	673 ☐ game hen	1219 ☐ goose

1285 Y ? N	liver		
	1399 ☐ beef liver	682 ☐ chicken liver	1400 ☐ other liver

249 Y	?	N	chitterlings ("chitlins")
250 Y	?	N	head cheese, scrapple
228 Y	?	N	any other organ meats (e.g., kidneys, brains, heart, sweetbreads)
935			any other meat _____

Eggs

Now I have a few questions about eggs. Did you eat...

321 Y	?	N	any whole eggs at home (If <u>yes</u> , ask the following questions)
			Where did you get them?
			1441 ☐ store-bought
			811 ☐ "homegrown"
			2088 ☐ farmers' market, roadside stand
			What color?
			1440 ☐ (plain) white eggs
			327 ☐ brown eggs
			2236 ☐ other colored eggs
			Were they...
			329 ☐ organic eggs
			328 ☐ free-range eggs
2271 Y	?	N	any other varieties of egg at home
			2235 ☐ quail
			2273 duck
			2272 ☐ goose
			2274 ☐ ostrich
			2275 other _____
325 Y	?	N	any egg substitutes (e.g., Egg-Beaters)
326 Y	?	N	powdered eggs
322 Y	?	N	any egg dishes at restaurants or elsewhere away from home
1528 Y	?	N	anything dipped in an egg batter (e.g., French toast, Monte Cristo sandwich)

Dairy

Now let me ask you about milk, cheese, and other dairy products.

270 Y	?	N	pasteurized (regular) milk (If <u>yes</u> , ask the following questions)
			What kind of container?
			953 ☐ plastic carton
			954 ☐ paper carton
			2237 ☐ glass bottle
			What type?
			271 ☐ skim
			272 ☐ 1% (low fat)
			273 ☐ 2% (reduced fat)
			274 ☐ 4% (whole)
			795 ☐ flavored (e.g., chocolate)
			2238 ☐ non-cow (e.g., goat, sheep, yak)
† 269 Y	?	N	raw (unpasteurized) milk
2239 Y	?	N	any non-dairy milk alternatives
			2240 ☐ almond
			2241 ☐ soy
			2242 coconut
			2243 ☐ rice
			2244 ☐ hemp
			2245 other _____
260 Y	?	N	yogurt (If <u>yes</u> , ask the following questions)
			Was it...
			715 ☐ store-bought
			1035 ☐ homemade yogurt
			How was it packaged?
			966 ☐ single serving containers
			993 ☐ multi-serving tubs
			994 ☐ yogurt drinks
1443 Y	?	N	whipped cream or topping
			677 ☐ spray can
			280 ☐ from a carton (heavy cream)
			259 ☐ imitation (e.g., Cool-Whip)
267 Y	?	N	ice cream eaten at home
			1445 ☐ from container (e.g., pint, quart)
			484 ☐ ice cream bars or novelties
			283 ☐ homemade
714 Y	?	N	frozen yogurt
255 Y	?	N	buttermilk

256 Y ? N sour cream

Cheese

2134 Y ? N Did you eat any cheese?
If no, probe to make sure, then skip to next section.

St 307 Y ? N cheese made from unpasteurized (raw) milk

300 Y ? N goat cheese

301 Y ? N sheep cheese

1165 Y ? N cream cheese

286 Y ? N cottage cheese

311 Y ? N cheese spread (e.g. Boursin)

St 318 Y ? N soft Mexican-style cheese (e.g., queso fresco, queso blanco)
1038 ☐ store-bought 1037 ☐ homemade 1226 ☐ street vendor; door-to-door sale
1041 ☐ eaten at a restaurant 1039 ☐ imported

1225 Y ? N *If yes, was the Mexican-style cheese made from raw milk?*

306 Y ? N gourmet or "artisanal" cheese (not mass-produced)
1626 ☐ eaten at a restaurant 1627 ☐ internet/mail order source 1628 ☐ from farmer's market
1629 ☐ store-bought 1637 ☐ other source _____

309 Y ? N cheese from a specialty shop or market

305 Y ? N cheese made outside the US

308 Y ? N cheese from a club, mail-order, or internet source

310 Y ? N any other cheese (*Check all that apply or write in*) _____
312 ☐ cheddar 313 ☐ Swiss 941 ☐ Gouda
943 ☐ Provolone 940 ☐ Jack (e.g., pepper, Monterey) 290 ☐ packaged pre-shredded cheese
294 ☐ American (processed) cheese 315 ☐ feta 299 ☐ bleu (blue)
296 ☐ mozzarella 288 ☐ string cheese 717 ☐ fresh Parmesan or Romano

Processed Meat

Now let me ask some questions about pre-cooked and other processed meat products.

240 Y ? N bacon

1482 Y ? N Canadian bacon

998 Y ? N whole ham (e.g. spiral, country)

1170 Y ? N pepperoni
244 ☐ on a pizza 678 ☐ pre-sliced (not on pizza)

St 747 Y ? N any other kind of salami (not pepperoni)

748 Y ? N Italian-style cured meat (e.g., prosciutto, capocollo)

960 Y ? N sliced deli meats (*If yes, ask the following questions*)

How was it packaged?

962 ☐ sliced to order 235 ☐ pre-packaged

What type?

955 ☐ turkey 959 ☐ ham 956 ☐ roast beef
957 ☐ chicken 1472 ☐ pastrami

St 1474 Y ? N jerky or dried meat
246 ☐ store-bought 245 ☐ homemade
1475 ☐ beef jerky 1476 ☐ turkey jerky 1477 ☐ venison jerky

1205 Y	?	N	bologna 2257 ☐ pork 2260 ☐ turkey	2258 ☐ beef	2259 ☐ chicken
238 Y	?	N	hotdogs 1286 ☐ beef 1288 ☐ turkey	1287 ☐ chicken 1291 ☐ vegetarian	1289 ☐ pork
237 Y	?	N	corn dogs		
251 Y	?	N	breakfast sausage (<i>If <u>yes</u>, ask the following questions</i>)		
			<i>How was it packaged?</i> 242 ☐ links	1473 ☐ patties	241 ☐ bulk
			<i>What type?</i> 2263 ☐ pork	2261 ☐ turkey	2262 ☐ chicken
243 Y	?	N	any other kind of sausage 2135 summer sausage	2125 ☐ bratwurst	2126 ☐ kielbasa
936			any other processed meat products (e.g., chorizo)		

Seafood

Let me ask you some questions about seafood. Did you eat any....

1494 Y	?	N	fresh fish (<i>If <u>yes</u>, ask the following questions</i>)		
			<i>Where did you get it?</i> 1496 ☐ restaurant	1497 ☐ store-bought	1495 ☐ personal catch
			<i>What type?</i> 440 ☐ salmon 443 ☐ tuna	441 ☐ trout 1500 ☐ catfish	442 ☐ tilapia 448 ☐ any white fish
444 Y	?	N	smoked or dried fish (e.g., lox, smoked salmon)		
451 Y	?	N	oysters (<i>If <u>yes</u>, ask the following questions</i>)		
			<i>Where did you get them?</i> 1420 ☐ at a restaurant, bar, or stand	1955 ☐ from a store	
			<i>How were they packaged?</i> 1956 ☐ frozen	1418 ☐ in the shell (shellstock)	1419 ☐ shucked (e.g., shooters)
450 Y	?	N	crab		
465 Y	?	N	shrimp or prawns		
860 Y	?	N	any other shellfish 453 ☐ clams 947 ☐ mussels	948 ☐ scallops 1055 ☐ crayfish, crawdads, mudbugs	1167 ☐ lobster 949 ☐ cockles
456 Y	?	N	squid, octopus, calamari		
460 Y	?	N	imitation crab (surimi) or similar product		
938			any other seafood		

Fresh Vegetables

Let me ask you about some vegetables. I'm asking about vegetables that were bought or cooked fresh, not canned or frozen.

334 Y	?	N	broccoli		
335 Y	?	N	cauliflower		
1458 Y	?	N	carrots 330 ☐ "mini" (peeled; usually bagged)	331 ☐ full size	2000 ☐ shredded or cut

332	Y	?	N	celery			
333	Y	?	N	cucumbers 2145 ☐ "regular"	2146 ☐ mini, Persian	2147 ☐ English (plastic wrapped)	
348	Y	?	N	Brussels sprouts			
336	Y	?	N	bell peppers 337 ☐ green 1090 ☐ orange	338 ☐ red	339 ☐ yellow	
341	Y	?	N	fresh "hot" chili peppers 340 ☐ jalapeño 1455 ☐ poblano	1453 ☐ habanero 2144 ☐ unknown type	1454 serrano 1456 other _____	
343	Y	☐	?	N	asparagus		
349	Y	☐	?	N	zucchini or other "soft" squash		
350	Y	☐	?	N	"hard" squash (e.g., pumpkin, acorn, butternut)		
364	Y	☐	?	N	green onions or scallions		
363	Y	?	N	other onions (e.g., white, yellow, red) Specify color:			
365	Y	?	N	leeks			
366	Y	?	N	eggplant			
2369	Y	☐	?	N	guacamole 1111 ☐ store-bought	1112 ☐ restaurant	2370 ☐ homemade
401	Y	?	N	avocado 735 ☐ fresh whole	1114 ☐ mashed (e.g. on sandwich)	1999 ☐ other (e.g., restaurant, fast food)	
§†	370	Y	?	N	(mung) bean sprouts		
§†	371	Y	?	N	any stir-fry, pad thai, salad, or other dish that might have included bean sprouts		
	372	Y	?	N	alfalfa sprouts		
§†	374	Y	?	N	other kinds of sprouts 1232 ☐ clover	1233 ☐ broccoli	373 ☐ spicy radish (daikon)
	375	Y	?	N	Did you handle any sprouts, even if you didn't eat them?		
	674	Y	?	N	Were fresh sprouts in your home, even if you didn't eat them?		
	2143	Y	?	N	peas 2142 ☐ "regular" ("English", shelling)	823 ☐ (sugar) snap peas	345 ☐ snow peas
	347	Y	?	N	fresh beans		
	396	Y	?	N	fresh mushrooms (<i>If <u>yes</u>, ask the following questions</i>)		
					<i>What color?</i> 1103 ☐ plain white	1471 ☐ plain brown	1110 other _____
					<i>How were they packaged?</i> 2276 ☐ bulk	2277 ☐ prepackaged	
	352	Y	?	N	potatoes (including sweet potatoes, yams, etc.)		
	2003	Y	?	N	any other kind of root or tuber vegetable (<i>give examples</i>) 1470 ☐ radishes 1469 ☐ jicama	1468 beets 2246 other _____	397 ☐ turnips
	398	Y	?	N	okra		
§	354	Y	?	N	homegrown tomatoes		
§	1451	Y	?	N	tomatoes from farmers' market, roadside stand, farm		

§	355	Y	?	N	grocery store-bought fresh tomatoes		
					357 ☐ cherry	358 ☐ grape	356 ☐ Roma (plum)
					1087 ☐ heirloom	359 ☐ "regular" red (e.g., beefsteak)	734 ☐ sold on vine
†	369	Y	?	N	cabbage		
†	387	Y	?	N	kale		
†	1459	Y	?	N	collard greens		
†	1460	Y	?	N	mustard greens		
†	382	Y	?	N	any lettuce on sandwiches or burgers		
					379 ☐ romaine	378 ☐ iceberg	381 ☐ mesclun, spring mix
†	1994	Y	?	N	lettuce (If <u>yes</u> , ask the following questions) Brand: _____		
					How was it packaged?		
					377 ☐ in a sealed bag/container	838 ☐ head	2366 ☐ bulk
					What type?		
					379 ☐ romaine	378 ☐ iceberg	381 ☐ mesclun, spring mix
†	1993	Y	?	N	spinach		
					384 ☐ in a sealed bag/container	385 ☐ "loose" or bundled	
	985				any other vegetables not already mentioned _____		

Salad items

Let me ask you some questions about salads of all kinds, including lettuce and leafy green salads. At home or away from home, do you remember eating any....

	919	Y	?	N	Did you eat any salads? If no, probe to make sure, but then skip to next section.		
†	1994	Y	?	N	lettuce (If <u>yes</u> , ask the following questions) Brand: _____		
					How was it packaged?		
					377 ☐ in a sealed bag/container	838 ☐ head	2366 ☐ bulk
					What type?		
					379 ☐ romaine	378 ☐ iceberg	381 ☐ mesclun, spring mix
					982 ☐ butterhead, Boston, bibb	983 ☐ red leaf	984 ☐ green leaf
					1995 ☐ shredded		
	2368	Y	?	N	bagged "salad kit" - specify brand: _____		
†	1993	Y	?	N	spinach		
					385 ☐ "loose" or bundled	384 ☐ in a sealed bag/container	1463 ☐ spinach salad
†	1467	Y	?	N	any other salad greens		
					1461 ☐ chard	981 ☐ radicchio	1464 ☐ arugula (rocket)
					1465 ☐ endive	1466 ☐ watercress	
	1064	Y	?	N	meat or seafood on salad		
					2266 ☐ chicken	1066 ☐ steak	1069 ☐ turkey
					234 ☐ ham	911 ☐ cold cuts	908 ☐ anchovies
					2378 ☐ salmon	2377 ☐ tuna	1281 ☐ other _____
	2265	Y	?	N	any fresh vegetables on your salad		
					1458 ☐ carrots	333 ☐ cucumbers	336 ☐ bell peppers
					1998 ☐ tomatoes	2143 ☐ peas	401 ☐ avocado
					396 ☐ fresh mushrooms	332 ☐ celery	2267 ☐ other _____
	951	Y	?	N	any cheese on your salad		
					315 ☐ feta	299 ☐ bleu (blue)	300 ☐ goat cheese
					314 ☐ Parmesan	313 ☐ Swiss	290 ☐ packaged pre-shredded cheese

986 Y	?	N	any nuts or seeds on your salad 509 ☐ almonds 511 ☐ walnuts	518 ☐ sunflower seeds 514 ☐ hazelnuts (filberts)	1241 ☐ pumpkin seeds 516 ☐ other pre-chopped or sliced nuts
1074 Y	?	N	any fruit on your salad 404 ☐ apples 415 ☐ strawberries 422 ☐ grapes	405 ☐ pears 416 ☐ raspberries 768 ☐ clementines, mandarin oranges or satsumas	419 ☐ cranberries 417 ☐ blueberries
987 Y	?	N	any other toppings on your salad 893 ☐ bacon bits 902 ☐ pepperoncini	879 ☐ croutons 2141 ☐ sprouts	906 hard boiled eggs 1283 other _____
885 Y	?	N	salad dressing 2138 ☐ homemade 2140 ☐ powdered mix	2139 store-bought bottle 1284 other _____	1229 ☐ restaurant

Fruit

OK, now let me ask you about fresh fruits and berries. I'll ask you about dried and frozen fruit later.

425 Y	?	N	bananas		
404 Y	?	N	apples 1958 Red Delicious 1961 Braeburn 1964 Gala 1966 other _____	1959 ☐ Golden Delicious 1962 ☐ McIntosh 1965 ☐ Granny Smith	1960 ☐ Fuji 1963 ☐ Jonagold 2089 ☐ Honeycrisp
405 Y	?	N	pears		
406 Y	?	N	peaches		
407 Y	?	N	nectarines		
408 Y	?	N	apricots		
409 Y	?	N	plums		
410 Y	?	N	oranges		
412 Y	?	N	grapefruit		
2149 Y	?	N	Cuties (clementines)		
414 Y	?	N	other orange citrus fruit (e.g., tangerine, mineola, tangelo)		
437 Y	?	N	fresh lemon (including garnishes in drinks, on food, lemonade)		
438 Y	?	N	fresh lime		
§ 912 Y	?	N	any kind of fresh berries (commercial; not home-grown) (Read all) 415 ☐ strawberries 418 ☐ blackberries	416 ☐ raspberries 419 ☐ cranberries	417 blueberries 420 other _____
421 Y	?	N	cherries		
422 Y	?	N	grapes 423 ☐ red	424 ☐ green	1116 ☐ purple
427 Y	?	N	cantaloupe		
428 Y	?	N	honeydew		
429 Y	?	N	watermelon		
430 Y	?	N	other melon _____		
486 Y	?	N	fruit salad (homemade or purchased pre-cut)		
432 Y	?	N	kiwi		
433 Y	?	N	pineapple		
434 Y	?	N	mango		

686	Y	?	N	pomegranate
436	Y	?	N	any other fresh fruit, including specialty or tropical fruit (<i>If <u>yes</u>, specify</i>)

Drinks

612	Y	?	N	fruit or vegetable smoothie 574 ☐ homemade	749 ☐ commercial	
575	Y	?	N	protein or weight loss shake 2114 ☐ homemade	2115 ☐ commercial	
675	Y	?	N	wheat grass (often added to smoothies or protein shakes)		
2371	Y	?	N	homemade juice (e.g. from a juicer)		
2221	Y	?	N	any "natural" juice blends (e.g., Naked)		
2187	Y	?	N	commercial fruit or vegetable juice (e.g., Tropicana) (<i>If <u>yes</u>, ask the following questions</i>)		
				<i>What kind of container?</i>		
				1235 ☐ juice box	2112 ☐ single-serving bottle	2224 ☐ multi-serving container
				<i>What flavor?</i>		
				1119 ☐ apple	1118 ☐ grape	1122 ☐ blended fruit juice
606	Y	?	N	orange juice 607 ☐ ready-to-drink container 1491 ☐ fresh-squeezed orange juice	608 ☐ from frozen concentrate	1503 ☐ from restaurant/vendor
832	Y	?	N	kombucha		
755	Y	?	N	"sun" tea (iced tea made without boiling the water)		

Spices and Herbs

Now I'd like to ask you a few questions about spices and herbs that you may use.

665	Y	?	N	Did you add black or white pepper to any food you ate?		
664	Y	?	N	Do you recall eating any fresh ground pepper? (at home or a restaurant)		
394	Y	?	N	garlic 788 ☐ garlic powder 1094 ☐ whole garlic	1097 ☐ dried flakes 1095 ☐ peeled cloves	1096 ☐ minced garlic 2248 ☐ garlic salt
393	Y	?	N	fresh ginger (root)		
392	Y	?	N	fresh herbs (Read all) 736 ☐ basil (including pesto)	390 ☐ parsley (regular or Italian)	391 ☐ cilantro (coriander)
2185	Y	?	N	any kind of spice blend or rub 2168 ☐ taco seasoning 2171 ☐ Italian seasoning 2175 ☐ lemon pepper 2179 ☐ BBQ/steak rub 2182 ☐ Jamaican jerk rub 775 ☐ curry powder 2186 ☐ other _____	2169 ☐ fajita seasoning 2173 ☐ seasoned pepper 2176 ☐ Old Bay 2180 ☐ poultry seasoning/rub 2183 ☐ pumpkin pie spice 2178 ☐ garam masala	2170 ☐ Cajun/Creole seasoning 2174 ☐ seasoned salt (e.g., Lawry) 2177 ☐ dry soup mixes (e.g., Lipton) 2181 ☐ adobo seasoning 2184 ☐ apple pie spice 2576 ☐ Mrs. Dash

1139 Y	?	N	What dried or powdered spices would have been used in the foods you ate?		
			1145 ☐ salt	2166 ☐ allspice	772 basil
			1144 ☐ bay leaf	2165 ☐ cardamom	787 cayenne or other chili powder
			769 ☐ cinnamon	2163 ☐ cloves	771 coriander
			770 ☐ cumin	776 ☐ dill	777 ginger
			1614 ☐ MSG	2164 ☐ mustard powder	778 nutmeg
			2162 ☐ onion powder	773 ☐ oregano	781 paprika
			782 ☐ dried parsley	1178 ☐ pepper, black	774 pepper, white
			2167 ☐ peppercorns	786 ☐ poppy seeds	1142 red pepper flakes
			784 ☐ rosemary	783 ☐ sage	789 tarragon
			809 ☐ thyme	785 ☐ turmeric	1140 other _____

561 Y	?	N	Did you start using any new packages of spices or dried herbs in the 2 weeks before you got sick? (If <u>yes</u> , specify)
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560 Y	?	N	Did you eat any spices that were bought in bulk (by weight) or at specialty markets? (If <u>yes</u> , specify)
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Raw Foods

We may have talked about some of these foods already, but I'd like to ask if you remember eating any of the following items raw or undercooked.

452 Y	?	N	oysters		
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1293 Y	?	N	any other raw or undercooked seafood (e.g. sushi, sashimi, ceviche)		
			918 ☐ fish	2251 ☐ shellfish	2252 other _____

§ 323 Y	?	N	eggs (e.g., raw, runny yolks, sunny side up)		
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§ 1062 Y	?	N	Caesar salad or any salad made with raw eggs		
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§ 2050 Y	?	N	anything else made with raw eggs (e.g., homemade eggnog, mayonnaise, sauces, tiramisu, ice cream)		
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§† 1230 Y	☐	?	☐ any meat or poultry		
			817 ☐ ground beef	815 ☐ chicken	818 ☐ pork
			2373 ☐ other beef	816 ☐ turkey	2136 ☐ lamb

§ 324 Y	☐	?	☐ cookie dough		
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§ 585 Y	☐	?	☐ cake mix or batter		
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819 Y	?	N	any raw (uncooked, unroasted) nuts		
			1484 ☐ almonds	1485 ☐ hazelnuts (filberts)	1487 ☐ cashews

§† 932 Y	?	N	any dairy product made from raw milk (e.g., cheese, ice cream, yogurt)		
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§† 1489 Y	☐	?	☐ any raw (unpasteurized) juice or cider		
			1490 ☐ apple	1491 ☐ fresh-squeezed orange juice	1493 other _____

Frozen Foods

Now let me ask you about frozen foods, that is, items that you might find in the freezer section at a grocery store. Did you eat any....

468 Y	?	N	pot pies		
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467 Y	?	N	single-serve frozen entrée or TV dinner		
			2577 Amy's	2192 ☐ Banquet	2197 Great Value (Walmart)
			2194 Healthy Choice	2578 ☐ Hot Pockets	2220 Jenny Craig
			2193 Lean Cuisine	2191 ☐ Marie Callender	2195 Smart Ones
			2190 Stouffer's	2196 ☐ Swanson	2198 Weight Watchers
			2199 other _____		

2249 Y	?	N	family-style frozen meals (multi-serving, e.g. a large lasagna)		
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469 Y	?	N	frozen skillet meal (e.g., stir fry mix)		
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480 Y	?	N	pizza		
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481 Y	?	N	Mexican-style items (e.g., burritos, taquitos)			
475 Y	?	N	vegetarian items (e.g., Gardenburgers, Morningstar, Quorn)			
472 Y	?	N	snack foods (e.g., mozzarella sticks, jalapeno poppers, potato skins)			
477 Y	?	N	breaded chicken products (e.g., strips, nuggets, fingers, tenders)			
479 Y	?	N	cook-and-serve poultry products (e.g., chicken Kiev, chicken cordon bleu)			
757 Y	?	N	fish			
476 Y	?	N	fish products (e.g., filets, fish sticks, nuggets)			
482 Y	?	N	shrimp			
758 Y	?	N	other seafood			
473 Y	?	N	berries, fruit, anti-oxident blends			
			2213 ☐ mixed berry	2217 ☐ mixed fruit	2210 ☐ strawberries	
			2211 ☐ raspberries	2212 ☐ blueberries	914 ☐ pomegranate	
			2214 ☐ peaches	2215 ☐ blackberries	2216 ☐ mango	
751 Y	?	N	mashed fruit pulp or puree			
470 Y	?	N	vegetables in a box			
471 Y	?	N	vegetables in a bag			
485 Y	?	N	popsicles or frozen fruit juice bars			
695 Y	?	N	any frozen dessert from a store (except ice cream; e.g., frozen cake or pie)			
1195			other frozen foods _____			

Miscellany

Now I'll run through a grab-bag of foods that don't really fit into any specific category. Do you remember eating any....

989 Y	?	N	any deli or store-bought salad			
			488 ☐ potato salad	490 ☐ coleslaw	487 ☐ pasta salad	
			489 ☐ egg salad	457 ☐ seafood salad	1073 ☐ other _____	
528 Y	?	N	applesauce			
853 Y	?	N	fruit snacks or fruit leather			
524 Y	?	N	raisins			
525 Y	?	N	driedfruit (store-bought)			
			2004 ☐ apples	2005 ☐ mangos	2007 ☐ plums (prunes)	
			2009 ☐ apricots	2090 ☐ cherries	2091 ☐ cranberries	
562 Y	?	N	any dry food bought in bulk from a tub or bin where you pay by weight (If <u>yes</u> , specify)			
1245 Y	?	N	ready-to-bake items (e.g., Crescent Rolls, Nestlé cookie dough)			
1244 Y	?	N	cake or cornbread mix			
566 Y	?	N	trail mix, gorp or similar product			
515 Y	?	N	nuts (Read all)			
			505 ☐ peanuts	509 ☐ almonds	514 ☐ hazelnuts (filberts)	
			511 ☐ walnuts	512 ☐ cashews	513 ☐ pistachios	
			1123 ☐ mixed nuts			
518 Y	?	N	sunflower seeds			
1241 Y	?	N	pumpkin seeds			
1125 Y	?	N	chia seeds (or touching a Chia Pet™)			
507 Y	?	N	freshly ground peanut butter (ground in store). If yes, which store: _____			

497	Y	?	N	peanut butter (from jar or similar container)			
				2024 ☐ Skippy	2025 ☐ Jif	2026 ☐ Peter Pan	
				2027 ☐ Smuckers	2028 ☐ Adams	2029 ☐ Reese's	
				2030 ☐ Great Value (Walmart)	2031 ☐ Kirkland (Costco)	2579 ☐ Trader Joe's	
				2040 ☐ other store brand			
517	Y	?	N	other ground nut butters, paste, or spread			
				2034 ☐ almond butter	679 ☐ Nutella	2035 ☐ other _____	
564	Y	☐	☐ N	cold breakfast cereals in boxes			
				2054 ☐ Cheerios	2055 ☐ Frosted Flakes	2056 ☐ Honey Bunches of Oats	
				2062 ☐ Raisin Bran	2060 ☐ Lucky Charms	2063 ☐ other _____	
565	Y	☐	☐ N	any cold breakfast cereals sold in bags			
584	Y	☐	☐ N	hot breakfast cereals (e.g., oatmeal, cream of wheat)			
567	Y	☐	☐ N	granola			
2042	Y	?	N	packaged sweet snack foods			
				1133 ☐ cookies	533 ☐ graham crackers	1136 ☐ cakes (e.g., Twinkies, Yodels)	
				2044 ☐ pastries, Pop-Tarts	2065 ☐ other _____		
2041	Y	☐	☐ N	salty snack foods			
				1131 ☐ tortilla chips	1130 ☐ potato chips	530 ☐ pretzels	
				532 ☐ crackers	498 ☐ crackers with peanut butter	2064 ☐ other (e.g. Fritos) _____	
2043	Y	☐	☐ N	packaged snack bars			
				563 ☐ breakfast bars	568 ☐ granola bars	2045 ☐ Power bar	
				2046 ☐ Luna bar	2047 ☐ Clif bar	2048 ☐ diet bar	
				2049 ☐ other _____			
534	Y	?	N	other packaged snack food and treats			
1952	Y	☐	☐ N	camping or backpacking food (e.g., freeze-dried)			
552	Y	?	N	tofu			
455	Y	?	N	seaweed (nori)			
553	Y	?	N	olives			
495	Y	?	N	coconut (whole, ground, flaked, shredded)			
737	Y	?	N	dried beans (red. pinto, navy) or lentils (purchased dried, not canned)			
571	Y	?	N	garbanzos (chickpeas), hummus			
536	Y	?	N	any kind of salsa (<i>If yes, ask the following questions</i>)			
				<i>What type?</i>			
				538 ☐ red	539 ☐ green	1250 ☐ flavored (e.g., mango, peach)	
				<i>Where did you get it?</i>			
				582 ☐ homemade	1177 ☐ at a restaurant	540 ☐ store-bought	
				<i>Was it...</i>			
				537 ☐ fresh	2270 ☐ jarred		
542	Y	?	N	store-bought sauce, marinade, or dip (e.g., teriyaki sauce, curry sauces, pesto, marinara)			
1124	Y	?	N	powdered mixes for sauces, gravy, or soup			
740	Y	?	N	tahini or other sesame products			
576	Y	?	N	any powdered dietary supplement (e.g., protein, whey, flax, soy)			
544	Y	?	N	taco shells			
545	Y	?	N	tortillas (specify brand)			
546	Y	?	N	tamales			
2227	Y	?	N	Did anyone in the household do any baking? (e.g., bread, cakes, cornbread, pie)			
580	Y	?	N	<i>If yes, was flour or any flour mix used? specify brand and type (wheat, almond, rice)</i>			

833 Y	?	N	any packaged meals in boxes (e.g., Hamburger helper, Kraft Mac & Cheese)
527 Y	?	N	any pre-made pudding or custard (not a mix)
572 Y	?	N	soybeans (edamame)
550 Y	?	N	any other specialty foods
135 Y	?	N	any food brought into the US through private channels (e.g., hand-carried by family or friends)
2080 Y	?	N	any food for babies (Read all) 556 ☐ liquid baby formula 557 ☐ powdered baby formula 558 ☐ store-bought puréed baby food 559 ☐ any other foods specifically marketed for babies or popular with babies

Environmental

OK, that's enough about the food you ate! We're almost done. Did you have any...

§† 765 Y	?	N	contact with diapered children or adults
§ 1158 Y	?	N	attend, visit, or work at child care center
§† 1157 Y	?	N	any work exposure to human or animal excreta
§† 764 Y	?	N	recreational water exposure 1424 ☐ swimming pool 1428 ☐ kiddie pool 1429 ☐ hot tub 1425 ☐ lake or pond 1426 ☐ river 1427 ☐ ocean

Animals

Now I'm going to ask you some questions about contact with pets, livestock, and other animals.

§ 625 Y	?	N	Did you have any contact with farm animals or other livestock? (If <u>yes</u> , ask the following questions)
			<i>Did you have contact with... (Read all)</i> 624 ☐ cows, cattle, calves 920 ☐ goats 921 ☐ sheep 650 ☐ horses 651 ☐ pigs 626 ☐ llamas, alpacas 759 ☐ chickens, turkeys, other poultry 931 ☐ other _____
			<i>Do you...</i> 1540 ☐ live on farm or ranch 1542 ☐ work on a farm or ranch
§† 1529 Y	?	N	Did you <u>visit</u> any place where animals were present? 1534 ☐ farm 637 ☐ county or state fair 1530 ☐ petting zoo 636 ☐ pet store 635 ☐ feed store 1536 ☐ swap meet, flea market 638 ☐ school 1537 ☐ private home 1535 ☐ party
§ 619 Y	?	N	any contact with dogs
916			If yes, specify brand(s) of dry dog food
§ 640 Y	?	N	If yes, any household use of pet treats or chews (e.g., pig ears, rawhide chews, pizzles)
§ 620 Y	?	N	any contact with cats
917			If yes, specify brand(s) of dry cat food
§ 1511 Y	?	N	other small mammals 1504 ☐ hamster 1506 ☐ guinea pig 1150 ☐ rabbits or bunnies 630 ☐ rats 631 ☐ mice 1505 ☐ gerbil
§ 2379 Y	?	N	baby poultry 1217 ☐ baby chicks 2380 ☐ ducklings 2381 ☐ goslings (baby geese)
§ 759 Y	?	N	chickens, turkeys, other poultry 1519 ☐ "backyard" chickens 1521 ☐ ducks 1541 ☐ turkeys 1522 ☐ geese
629 Y	?	N	aquarium fish

§	623	Y	?	N	birds			
					1517 ☐ parakeet/budgie	1518 ☐ cockatiel	2231	pigeons
					2232 ☐ canaries	2230 ☐ parrots	1520	other _____
§	627	Y	?	N	reptiles			
					924 ☐ snake	926 ☐ turtle or tortoise	1513	☐ iguana
					1514 ☐ bearded dragon	2376 ☐ Chinese water dragon	925	☐ other lizards
§	628	Y	?	N	amphibians			
					927 ☐ frog or toad	928 ☐ salamander, newt, axolotl, ...		
	2250	Y	?	N	any exposure to animal droppings or pellets (e.g., cow pies, dog feces, owl pellets in school)			
	2254	Y	?	N	any contact with a pet that had diarrhea			
	760	Y	?	N	any contact with rodents used to feed snakes or other pets			
					1524 ☐ frozen mice	1525 ☐ frozen rats		
					1527 ☐ fresh mice	1526 ☐ fresh rats		
§†	1543	Y	?	N	hunting or contact with wild animals			
					1544 ☐ deer	1545 ☐ elk	1546	birds (e.g., duck, pheasant)
					1548 ☐ rabbits	922 ☐ pigs or wild boar	1549	other _____
§†	1547	Y	?	N	butchering or processing animals			
	837				any other contact with animals not mentioned? (If <u>yes</u> , specify) _____			

Closing Details

INTERVIEWER: If they have leftovers, please explain that it can sometimes be helpful to test certain high-risk food items. If they report such items, please them ask to retain for possible testing. If frozen, keep in freezer. If yes to wrappers, please take picture or note brand, lot #, and exp. date.

Please explain that there is no need to retain samples after one week if they have not heard back from public health authorities about testing.

§†	2066	Y	?	N	Do you have any leftovers of the following items that could potentially be collected for testing? This might include any packaging or wrappers still in the trash or recycling.				
	2067				raw milk	2068	ground beef	2069	venison
	2070				chicken	2071	sprouts	2072	private slaughter meat
	2073				unpasteurized juice	2074	queso fresco	2075	raw milk cheese
	2078				other _____				
	2076	Y	?	N	If we have any specific follow-up questions, would it be convenient for us to reach you by email?				
					If yes, preferred address: _____				
	1395				interview end time _____ : _____				

Update Log:

October 7, 2021 - Created a fillable form version. Modernized the language and removed products that are no longer on the market. Updated food examples. Rosalie Trevejo, Brad Beauchamp

December 21, 2022 - Minor edits. Rosalie Trevejo, Brad Beauchamp

June 28, 2023 - Minor edits. Rosalie Trevejo, Brad Beauchamp

October 5, 2024 - Instructs interviewer to reference the 7 days prior to symptom onset (rather than onset of vomiting or diarrhea) to align with

Orpheus and NHGQ. Minor edits. Rosalie Trevejo, Brad Beauchamp

April 17, 2025 - Revised language in "Records" section. Rosalie Trevejo, Brad Beauchamp

January 9, 2026 - Added examples for pork products; minor formatting updates, minor edits. Rosalie Trevejo, Brad Beauchamp