Shotgun v90		State	e Case ID	
Respondent was □ self	□ parent □ spouse □	Interviewed by	on m/d/y start time	
	□ M □ F County			
	ollected m/d/y PHL Specimer			
	□ <i>E. coli</i> O157			
IMPORTANT TIPS F	OR THE INTERVIEWER:			
-	xplicitly prompts you to do so (e.g., "if	·	uired to list all of the options for the case d always offer a few examples if the case	
case gives a response	•	se the space available to the	an available box on the questionnaire. I right of the question to write in the respons	
3) ELIGIBILITY: If a c be worth interviewing	-	bility questions below, <u>STOP</u> ,	drop (your pencil) and reconsiderit ma	y not
Symptom Onset				
INSTRUCTIONS 1) Get precise answers "morning" or "some time 2) Ask about exposures		keep probing until you get an exa or <u>diarrhea</u> (you can use the day-o		day).
Onset of first symptoms	m la ly	Time of first onset	am □ noon pm □ midnigh	nt
Onset of first vomiting of	m/d/y r diarrhea m/d/y		am □ noonpm □ midnigh	
Ask about exposures be	tween these dates: M T W T F S S	m/d/y through M	T W T F S S m/d/y	
Interviewer only, do no	t ask case			
microrewer emy, de ne	Indicate source(s) of positive lab tests			
	· · ·	2157 □ urine	2158 □ blood	
	2159 □ CSF	2160 other		
11Y□ ?□ N□	Is the onset date for GI symptoms ambigu	ious? (Within a day or 2 is accep	able.)	
	Would this interview require a third-party	translator?		
2225Y□ ?□ N□	Is this case part of an outbreak that has a	Iready been "solved"?		
Ask the following eligib	ility questions to the case			
63Y□ ?□ N□	Do you have any chronic condition involvi	ng diarrhea or vomiting?		
\$† 58Y ? N	Was anyone in your household sick with o	diarrhea or vomiting in the week b	efore you got sick?	
\$† 59Y ? N	Were you in contact with anyone outside	your household who had vomiting	or diarrhea in the week before you got sick?	·
<u> </u>	Any travel outside the United States in the	e 7 days before onset?		
31	1948 □ Mexico	1949 □ Canada	1011 □ other	
should not be int		iestions above, <u>STOP!!</u> , un	der most circumstances, this persor	1
Personal				
§† 47Y□ ?□ N□	travel outside your home state (including list states visited:	local commutes)		
\$† 48Y ? N	travel within your home state (outside you	ır usual area)		

 \S =Salmonella risk question \dagger = E. coli risk question Q **90** 10/23/2014 9:20:03 AM



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Shotgun v9	0		State Case ID
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)
55Y	?	N□	Any food allergies or special diets for medical, weight loss, religious, or any other reason? (Check all that apply) 52 vegetarian
Places	to Ea	t Ou	
			e general questions about eating out at restaurants, getting take-out, or anything like that. For each one, give me 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□	?□	$N\square$	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
702Y	?□	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	?□	N□	food at a religious gathering
§† 127Y	?□	N□	catered private gatherings (e.g., weddings, events)
2083 Y	?□	N□	jail, prison, or other institution
124 Y	?	N□	hospital (inpatient or cafeteria)
\$† ²⁰⁹²	?□	N□	leftovers brought back from a restaurant, workplace, or event

Sho	otgun v90					State	Case ID
R	estaura	ants					
	low I'd lik	ke to	ask y	ou some questions specifically about	t restaurants.		
§†	109Y□	?□	N□	Did you eat anything from any fast food of 166 □ Burger King 840 □ Chipotle 177 □ Papa Murphy's 183 □ Taco Bell	restaurant? 709 □ Burgerville 975 □ Little Ceasar's 178 □ Pizza Hut 185 □ Wendy's		167 □ Carl's Jr. 175 □ McDonald's 182 □ Subway 2084 □ other
§†	110 Y□	?□	N□	How about anything from a sit-down rest If no, probe to make sure, but then skip to			
§†2118 List all sit-down restaurants patronized during exposure window and not already itemized above.						nized above.	
				Now I'll go through some different restau (please include the restaurants you alrea			
	1017Y□	?□	N□	did you eat at any Asian restaurant 1222 □ Indian/Pakistani 2085 □ Korean 141 □ other	136 □ Chinese 137 □ Vietnamese		138 □ Thai 139 □ Japanese
	142Y□	?□	N□	Mexican restaurant			
	159 Y□	?□	$N\square$	buffet-style restaurant			
	154 Y□	?□	N□	steakhouse or grill			
	119Y□	?□	N□	tavern or pub			
	156 Y□	?□	N□	seafood			
	151 Y□	?□	N□	vegetarian restaurant			
	144 Y□	?□	$N\square$	pizzeria			
F	oods E	aten	Out				
			-	you specifically about some ready-to-		_	
				wasn't prepared at home. (This would	а іпсійае таке-ойт тооа ег	aten at nome.)	
§†	1986 Y□	?□	N□	hamburger 587 □ fast food burger	588 □ sit-down restaurar	nt burger	
§†	1987 Y□	?□	N□	other ground beef (e.g., taco, burrito) 1988 □ fast food setting	1989 □ sit-down restaurar	nt	
	1992 Y□	?□	N□	steak (beef)			
	589 Y□	?□	N□	any other beef (e.g., prime rib, carne asa	ada, ribs, stir fry)		
	812Y□	?□	N□	pork			
	813 Y□	?□	N□	turkey			
§	814 Y 🗆	?□	N□	chicken 1990 □ chicken from fast food setting	1991 □ sit-down restaurar	nt	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 or	n it		

Sho	tgun v90				State	Case ID		
	592 Y□	?□	N□	sandwich or burger garnished with lettuc	е			
	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 (If <u>ves</u> , specify	salad bar location)			
8+	761 Y□	?□	N□	If yes, Were there sprouts on the salad b	ar? (Check with restaurant if case thinks n	not and sprouts are of interest)		
				at Home	for the desired by the Billion	the distriction		
		-			food that you ate at home. Did you ge	et anytning from		
	84 Y□	?□	N□	membership stores like Costco 1691 □ Costco	1871 □ Sam's Club	1946 □ Bi-Mart		
	83Y□	?□	N□	grocery stores and supermarkets 1651 □ Albertsons	1716 □ Food 4 Long	1722 □ Fred Mover		
				1947 ☐ Grocery Outlet	1716 □ Food 4 Less 1755 □ Haggen	1732 ☐ Fred Meyer 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		
	86Y□	?□	N□	ethnic markets (e.g., bodegas, Indian or	Asian groceries)			
	85 Y□	?□	N□	small markets and mini-marts				
	91 Y□	?□	N□	farmers' markets				
2	2086 Y□	?□	N□	food co-ops				
	87Y□	?□	N□	health food stores				
•	1403 Y□	?□	N□	roadside stands or on-farm locations				
	92Y□	?□	N□	CSA (Community Supported Agriculture)	produce			
	90 Y□	?□	N□	bakery, bagel, donut, dessert, pastry sho	р			
	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 (e.g., Am	azon, Schwan's)			
	708Y□	?□	N□	food from other households (e.g., friends	, family, etc.)			
	89Y□	?□	N□	delicatessens (including in-store delis)				
				other places where you shopped for food	l			
R	ecords							
					brands and purchase dates. Should to			
	nat kina. eriod—ji				nould hang onto any receipts or other	records you mignt have for this time		
	1224			How do you usually pay for your food put	rchases? (Check all that anniv)			
	1224			1405 □ cash	1404 □ credit card	1406 □ debit card		
				1408 □ check	1407 ☐ SNAP/EBT/Food stamps	2087 ☐ WIC vouchers		
	1412				or food purchases? (Check all that apply)			
	1412			100 □ receipts	101 □ credit card statements	102 ☐ check stubs		
				103 □ shopper card records at store	104 ☐ membership records (e.g., Costo			
				106 ☐ no records available		<u></u>		
	1414Y□	?□	N□		ak investigation—would you be willing to le	et us ask the store(s) to provide us with your		
	i 7 i 7 i ∐	: ⊔	IN	shopping records?	an and you be willing to it	or an and orono(o) to provide do with your		

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1	Meat and	d Po	ultry	at Home		
		-		ome questions about meat and poult at was uncooked at the store and wh		me. Right now I'm asking specifically about e. 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 <u>ves</u> , how was it pa	,	
J				214 ☐ whole, frozen	215 □ parts, frozen	
_				1044 □ whole, fresh	205 □ parts, fresh	
§	208Y□	?□	N□	ground turkey 1975 □ bulk ground turkey	1977 □ sausage or patties	1976 □ ground turkey in chub (plastic tube
8	1198Y□	?□	N□	any other turkey (If ves, how was it pac	kaged at the store?)	
3 719 □ whole, frozen 720 □ parts, frozen						
				1048 ☐ whole, fresh	1046 □ parts, fresh	
§-	- 220 Y□	?□	N□	ground beef (<i>If <u>ves</u>, how was it package</i> 219 ☐ fresh (bulk) ground beef	ed at the store?) 218 □ pre-formed patties (fresh or fr	ozen) 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)		
8-	-1376Y□	?□	N□	Was there any meat or poultry prepared	d in your home, even if you didn't eat it?	
3				2353 □ chicken 2356 □ turkey	2354 □ ground beef 2357 □ pork	2355 □ other beef
(Other Mo	eat a	and F	Poultry		
	Now a fe	w que	estion	-		need a "yes" or "no" if you remember
	225Y□	:as::i	ng tine N□	lamb	ant, or anywhere else.	
				veal		
	226 Y 🗆	?□	N□			
_	724 Y 🗆	?□	N□	bison (buffalo)		
§-	- 227 Y□	?□	N□	wild venison or game (e.g., deer, elk)		
§-	- 937Y□	?□	N□	any other poultry (not chicken or turkey 217 ☐ duck) 673 □ game hen	1219 □ goose
	1285 Y□	?□	N□	liver	5. 5 = 3	
	12031	: -	IN	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, b	rains, heart, sweetbreads)	
				any other meat		
E	Eggs					
	Now I hav	ve a t	few q	uestions about eggs. Did you eat		
	321 Y□	?□	N□	any whole eggs at home (If yes, ask the	e following questions)	
				Where did you get them?		
				1441 □ store-bought	811 □ "homegrown"	2088 \square farmers' market, roadside stand
				What color?		
				1440 □ (plain) white eggs	327 □ brown eggs	2236 □ other colored eggs
				Were they	000 🗆 (
				329 □ organic eggs	328 □ free range eggs	

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2271 Y□	?□	N□	any other varieties of egg at home 2235 □ quail 2274 □ ostrich	2273 □ duck 2275 □ other	2272 □ goose
325 Y□	?□	N□	any egg substitutes (e.g., Egg-Beaters)		
326 Y□	?□	N□	powdered eggs		
322 Y□	?□	N□	any egg dishes at restaurants or elsewhe	ere away from home	
1528 Y□	?□	N□	anything dipped in an egg batter (e.g., Fr	rench toast, Monte Cristo sandwich)	
Dairy					
_	ne as	k you	about milk, cheese, and other dairy p	products.	
270 Y□	?□	N□	pasteurized (regular) milk (If ves. 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	2244 🗆 201	2242 □ account
			2240 □ almond 2243 □ rice	2241 □ soy 2244 □ hemp	2242 □ coconut 2245 □ other
260 Y□	?□	N□	yogurt (If <u>yes</u> , ask the following questions	·	22.6 - 6.16.
	•		Was it	-7	
			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	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□	?□	$N\square$	sour cream		
Cheese					
2134 Y□	?□	N□	Did you eat any cheese? If no, probe to make sure, then skip to ne	ext section.	
\$† 307 Y□	?□	N□	cheese made from unpasteurized (raw) n	nilk	
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)		
§† ³¹⁸ Y□	?□	N□	soft Mexican-style cheese (e.g.,queso fre 1038 □ store-bought 1041 □ eaten at a restaurant	esco, queso blanco) 1037 □ homemade 1039 □ imported	1226 ☐ street vendor; door-to-door sale
1225Y□	?□	N□	If yes, was the Mexican-style cheese made	de from raw milk?	

Shotgun v90				State	Case ID
306Y□	?□	N□	gourmet or "artisanal" cheese 1626 □ eaten at a restaurant 1629 □ store-bought	1627 □ internet/mail order source 1637 □ other source	1628 ☐ from farmer's market
309 Y□	?□	N□	cheese from an ethnic market or specialt	y shop	
305 Y□	?□	N□	cheese made outside the US		
308 Y□	?□	N□	cheese from a club, mail-order, or interne	et source	
310 Y□	?□	N□	any other cheese (Check all that apply)		
			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
Process	ed M	leat			
Now let m	ie asi	k son	ne questions about pre-cooked and ot	ther processed meat products.	
240 Y□	?□	$N\square$	bacon		
1482 Y□	?□	N□	Canadian bacon		
998 Y□	?□	N□	whole ham (e.g. spiral, country)		
1170Y□	?□	N□	pepperoni 244 □ on a pizza	678 □ pre-sliced (not on pizza)	
§† ⁷⁴⁷ Y□	?□	N□	any other kind of salami (not pepperoni)		
748Y□	?□	N□	Italian-style cured meat (e.g., prosciutto,	capocollo)	
960 Y□	?□	N□	sliced deli meats (If <u>ves</u> , ask the following	g questions)	
			How was it packaged? 962 □ sliced to order	235 □ pre-packaged	
			<i>What type?</i> 955 □ turkey 957 □ chicken	959	956 □ roast beef
§† ¹⁴⁷⁴ Y□	?□	N□	jerky or dried meat 246 □ store-bought 1475 □ beef jerky	245 □ homemade 1476 □ turkey jerky	1477 □ venison jerky
1205Y□	?□	N□	bologna 2257 □ pork 2260 □ turkey	2258 □ beef	2259 □ chicken
238Y□	?□	N□	hot dogs 1286 □ beef 1288 □ turkey	1287 □ chicken 1291 □ vegetarian	1289 □ pork
237 Y□	?□	N□	corn dogs		
251 Y□	?□	N□	breakfast sausage (If ves., ask the follow	ing questions)	
			How was it packaged? 242 □ links	1473 □ patties	241 □ bulk
			What type? 2263 □ pork	2261 □ turkey	2262 □ chicken
243 Y□	?□	N□	any other kind of sausage 2135 □ summer sausage	2125 □ bratwurst	2126 □ kielbasa
			any other processed meat products		

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Let me ask you some questions about seafood. Did you eat any							
1494 Y□	1494 Y□ ?□ N□ fresh fish (If <u>yes</u> , ask the following questions)						
			Where did you get it?				
			1496 □ restaurant	1497 □ store-bought	1495 □ personal catch		
			What type?	***	440 🗆 🖽		
			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 s		The E drift Willie Hell		
451 Y 🗆	?□	N 🗆	oysters (If <u>ves</u> , ask the following question	,			
			Where did you get them?				
			1420 □ at a restaurant, bar, or stand	1955 ☐ from a store			
			How were they packaged?				
			1956 □ frozen	1418 □ in the shell (shellstock)	1419 ☐ shucked (e.g., shooters)		
450 Y□	?□	N□	crab				
465 Y□	?□	N□	shrimp or prawns				
860 Y□	?□	$N\square$	any other shellfish	040 🗆 acallana	4407 - Johann		
			453 □ clams 947 □ mussels	948 □ scallops 1055 □ crayfish, crawdads, mudbugs	1167 □ lobster 949 □ cockles		
456 Y□	?□	N□	squid, octopus, calamari				
460 Y 🗆			imitation crab (surimi) or similar product				
			any other seafood				
Fresh Ve	anats	hlas					
			ut some vegetables. I'm asking about	t vegetables that were bought or cook	ked 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□	?□	$N\square$	celery				
333 Y□	?□	$N\square$	cucumbers	2440 Daniei Barrian	24.47 - Facilials (plantin umanus)		
	•	N.	2145 □ "regular" Brussels sprouts	2146 ☐ mini, Persian	2147 ☐ English (plastic wrapped)		
348 Y□	?□	N 🗆	bell peppers				
336 Y□	?□	N□	337 □ green	338 □ red	339 □ yellow		
			1090 □ orange				
341 Y□	?□	$N\square$	fresh "hot" chili peppers				
			340 □ jalapeño 1455 □ poblano	1453 □ habanero2144 □ unknown type	1454 □ serrano 1456 □ other		
343 Y□	?□	N□	asparagus	2144 - uniknown type	1400 - Outer		
349 Y□	?□	N \square	zucchini or other "soft" squash				
350 Y□	?□	N□	"hard" squash (e.g., pumpkin, acorn, but	ternut)			
364 Y□	?□	N□	green onions or scallions				
363 Y□	?□	N 🗆	other onions (e.g., white, yellow, red, pur	rple)			
365 Y□	?□	N□	leeks	, <i>,</i>			
366 Y□	?□	N 🗆	eggplant				
0001		14	-001				

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2369Y□	?□	N□	guacamole 1111 □ store-bought 11	112 □ restaurant	2370 □ homemade
401 Y□	?□	N□	avocado 735 □ fresh whole 11	114 □ mashed	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 tha	at might have included bean sprouts	
372 Y□	?□	N□	alfalfa sprouts		
§† ³⁷⁴ Y□	?□	N□	other kinds of sprouts 1232 □ clover 12	233 □ broccoli	373 ☐ spicy radish (daikon)
375 Y□	?□	N□	Did you handle any sprouts, even if you didn	n't eat them?	
674 Y□	?□	N□	Were fresh sprouts in your home, even if you	u didn't eat them?	
2143Y□	?□	N□	peas 2142 □ "regular" ("English", shelling) 8	323 □ (sugar) snap peas	345 □ snow peas
347 Y□	?□	N□	fresh beans		
396 Y□	?□	N□	fresh mushrooms (If <u>ves</u> , ask the following q	questions)	
			What color? 1103 □ plain white 14	471 □ plain brown	1110 □ other
			How were they packaged?		
			2276 □ bulk 22	277 □ prepackaged	
352 Y□	?□	N□	potatoes		
2003 Y□	?□	$N\square$	any other kind of root or tuber vegetable (give		
				468 □ beets 246 □ other	397 □ turnips
200 V	2□	N.	okra 22	Other	
398 Y□	?□	N 🗆	homegrown tomatoes		
354 Y□	?□	N 🗆	tomatoes from farmers' market, roadside sta	and farm	
1451 Y 🗆	?□	N 🗆		anu, iaim	
355 Y□	?□	N□	grocery store-bought fresh tomatoes 357 ☐ cherry 3	358 □ grape	356 □ Roma (plum)
				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 3	378 □ iceberg	381 ☐ mesclun, spring mix
1994 Y□	?□	N□	lettuce (If <u>ves</u> , ask the following questions)		
			How was it packaged?		
			377 □ in a sealed bag/container 8	338 □ head	2366 □ bulk
			What type?		
				378 □ iceberg	381 ☐ mesclun, spring mix
1993 Y□	?□	N□	spinach 384 □ in a sealed bag/container 3	385 □ "loose" or bundled	
			any other vegetables not already mentioned	l	

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Let me ask you some questions about salads of all kinds, including lettuce and leafy green salads. At home or away from home, do								
919Y	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>ves</u> , ask the following question	·				
10041	•		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 \square butterhead, Boston, bibb	983 □ red leaf	984 ☐ green leaf			
			1995 □ shredded					
2368 Y□	?□	N□	bagged "salad kit"					
1993 Y□	?□	N□	spinach 385 □ "loose" or bundled	384 ☐ in a sealed bag/container	1463 ☐ spinach salad			
44071	•			304 - III a sealed bag/container	1403 - Spiriacii Salau			
1467 Y□	?□	N□	any other salad greens 1461 □ chard	981 □ radicchio	1464 □ arugula (rocket)			
			1465 □ endive	1466 □ watercress	The results (restreet)			
1064 Y□	?□	N□	meat or seafood on salad					
10041			2266 □ chicken	1066 □ steak	1069 □ turkey			
			234 □ ham	911 □ cold cuts	908 □ anchovies			
			2378 □ salmon	2377 □ tuna	1281 □ other			
2265 Y□	?□	$N\square$	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□		200 □ blov (blvo)	200 G goot shoops			
			315 □ feta 314 □ Parmesan	299 □ bleu (blue) 313 □ Swiss	300 □ goat cheese 290 □ packaged pre-shredded cheese			
00011				313 - SWISS	230 - packaged pre-shiredded cheese			
986 Y□	?□	N□	any nuts or seeds on your salad 509 □ almonds	518 □ sunflower seeds	1241 □ pumpkin seeds			
			511 □ walnuts	514 ☐ hazelnuts (filberts)	516 □ other pre-chopped or sliced nuts			
1074 Y□	2□	N□	any fruit on your salad	, ,				
10741	: 🗆	IN	404 □ apples	405 □ pears	419 □ cranberries			
			415 □ strawberries	416 □ raspberries	417 □ blueberries			
			422 □ grapes	768 \square clementines, mandarin orange	es or satsumas			
987 Y□	?□	N□	any other toppings on your salad					
			893 □ bacon bits	879 □ croutons	906 □ hard boiled eggs			
			902 □ pepperoncini	2141 □ sprouts	1283 other			
885 Y□	?□	$N\square$	_					
			2138 ☐ homemade	2139 ☐ store-bought bottle	1229 □ restaurant			
			2140 □ powdered mix	1284				
Fruit								
OK, now	let me	e ask	you about fresh fruits and berries. I	'll ask you about dried and frozen fru	it later.			
425 Y□	?□	N□	bananas					
404 Y□	?□	$N\square$		1050 Colden Delletere	4000 □ F.::			
			1958 ☐ Red Delicious	1959 ☐ Golden Delicious	1960 □ Fuji			
			1961 □ Braeburn 1964 □ Gala	1962 □ McIntosh 1965 □ Granny Smith	1963 □ Jonagold 2089 □ Honeycrisp			
			1966 □ other	1000 - Grainly Officer	2000 - Honeyonep			
405 Y □	?□	NΠ	pears					

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406 Y□	?□	N□	peaches		
407 Y□	?□	N□	nectarines		
408 Y□	?□	N□	apricots		
409 Y□	?□	N□	plums		
410 Y□	?□	N□	oranges		
412Y□	?□	N□	grapefruit		
2149Y□	?□	N□	Cuties (clementines)		
414 Y□	?□	N□	other orange citrus fruit (e.g., tangerine,	mineola, tangelo)	
437 Y□	?□	N□	fresh lemon (including garnishes in drink	ks, on food, lemonade)	
438 Y□	?□	N□	fresh lime		
912Y□	?□	$N\square$	any kind of fresh berries (commercial; no		447 E block ander
			415 ☐ strawberries 418 ☐ blackberries	416 □ raspberries 419 □ cranberries	417 □ blueberries 420 □ other
404 V	2□	NI 🗆	cherries	419 \(\text{Crambernes}	420 🗆 otner
421 Y 🗆	?□	N 🗆	grapes		
422 Y□	?□	N□	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		
432 Y□	?□	N□	kiwi		
433 Y□	?□	N□	pineapple		
434 Y□	?□	N□	mango		
686 Y□	?□	N□	pomegranate		
436 Y□	?□	N□	any other "exotic" or tropical fruit (If ves.	specify)	
			Any other fresh fruit?		
Drinks					
612Y□	?□	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)		
2221Y	?□	N□	any "natural" juice blends (e.g., Odwalla	, Naked)	
2187 Y□	?□	N□	commercial fruit or vegetable juice (If <u>ve</u>	s, ask the following questions)	
			What kind of container?		
			1235 □ juice box	2112 ☐ single-serving bottle	2224 ☐ multi-serving container
			What flavor?		
			1119 □ apple	1118 □ grape	1122 □ blended fruit juice
606Y□	?□	N□	orange juice 607 □ ready-to-drink container 1491 □ fresh-squeezed orange juice	608 ☐ from frozen concentr	ate 1503 □ from restaurant/vendor
832Y□	?□	N□	kombucha		

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garlic salt fresh ginger (root) 393 Y□ ?□ N fresh herbs(Read all) 392 Y 🗆 ?□ 736

basil (including pesto) 390 □ parsley (regular or Italian) 391 ☐ cilantro (coriander) any kind of spice blend or rub 2185 Y□ ?□ $N\square$ 2168 \(\text{taco seasoning} \) 2169 Ifajita seasoning 2170
Cajun/Creole seasoning 2171 ☐ Italian seasoning 2173 ☐ seasoned pepper 2174 ☐ seasoned salt (e.g., Lawry) 2175 ☐ lemon pepper 2176 ☐ Old Bay 2177 ☐ dry soup mixes (e.g., Lipton) 2179 BBQ/steak rub 2180 □ poultry seasoning/rub 2181 □ adobo seasoning 2182

Jamaican jerk rub 2183 ☐ pumpkin pie spice 2184 □ apple pie spice 2178

garam masala 775

curry powder 2186
other ___ 1139 $Y \square$? \square N \square 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 Inutmeg 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 _ No Did you start using any new packages of spices or dried herbs in the 2 weeks before you got sick? (If yes, specify) 561 Y□ ?□ Did you eat any spices that were bought in bulk (by weight) or at ethnic specialty markets? (If ves., specify) 560 Y□ ?□ **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. 452Y□ ?□ N□ oysters any other raw or undercooked seafood (e.g. sushi, sashimi, ceviche) ?□ N□ 1293 Y 🗆 918 □ fish 2251 ☐ shellfish 2252
other _ eggs (e.g., raw, runny yolks, sunny side up) ? $N\square$ 323 Y□ Caesar salad or any salad made with raw eggs 1062 Y□ N anything else made with raw eggs (e.g., eggnog, mayonnaise, sauces, tiramisu, ice cream) 2050 Y□ $N\square$ §†1230 Y□ $N\square$ any meat or poultry 817 ☐ ground beef 815 Chicken 818 □ pork 2373
other beef 816 I turkey 2136 🗆 lamb 324 Y□ cookie dough ?□ $\mathsf{N}\square$ cake mix or batter 585 Y 🗆 N 819Y ?□ any raw (uncooked, unroasted) nuts

1487 □ cashews

1485 ☐ hazelnuts (filberts)

1484 □ almonds

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§† ⁹³² Y□	?□	N□	any dairy product made from raw milk (e.	g., cheese, ice cream, yogurt)	
§† ¹⁴⁸⁹ Y□	?□	N□	any raw (unpasteurized) juice or cider 1490 □ apple	1491 ☐ fresh-squeezed orange juice	1493
Frozen F	ood	s			
Now let m	e asl	k you	about frozen foods, that is, items that	t you might find in the freezer section	at a grocery store. Did you eat any
468 Y□	?□	N□	pot pies		
467Y□	?□	N□	single-serve frozen entrée or TV dinner 2192 Banquet 2220 Jenny Craig 2195 Smart Ones 2198 Weight Watchers	2197 ☐ Great Value (Walmart) 2193 ☐ Lean Cuisine 2190 ☐ Stouffer's 2199 ☐ other	2194 ☐ Healthy Choice 2191 ☐ Marie Callender 2196 ☐ Swanson
2249 Y□	?□	N□	family-style frozen meals		
469 Y□	?□	N□	frozen skillet meal (e.g., stir fry mix)		
480 Y□	?□	N□	pizza		
481 Y□	?□	N□	Mexican-style items (e.g., burritos, taquit	os)	
475 Y□	?□	N□	vegetarian stuff (e.g., Gardenburgers, Mo	orningstar, Quorn)	
472 Y□	?□	N□	snack foods (e.g., mozzarella sticks, jala	peno poppers, potato skins)	
477 Y□	?□	N□	breaded chicken products (e.g., strips, nu	uggets, fingers, tenders)	
479 Y□	?□	N□	cook-and-serve poultry products (e.g., ch	nicken Kiev, chicken cordon bleu)	
757 Y□	?□	N□	fish		
476 Y□	?□	N□	fish products (e.g., filets, fish sticks, nugg	gets)	
482 Y□	?□	N□	shrimp		
758 Y□	?□	N□	other seafood		
473Y□	?□	N□	berries, fruit, anti-oxident blends 2213 □ mixed berry 2211 □ raspberries 2214 □ peaches	2217 ☐ mixed fruit 2212 ☐ blueberries 2215 ☐ blackberries	2210 □ strawberries 914 □ pomegranate 2216 □ mango
751 Y□	?□	N□	mashed fruit pulp		
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 in	ce cream)	
			other frozen foods		
Miscellar Now I'll rui		ough	a grab-bag of foods that don't really fi	it into any specific category. Do you r	remember eating any
989 Y□	?□	N□	any deli or store-bought salad 488 □ potato salad 489 □ egg salad	490 □ coleslaw 457 □ seafood salad	487 □ pasta salad 1073 □ other
528 Y□	?□	N□	applesauce		
853Y□	?□	N□	fruit snacks or fruit leather		
524 Y□	?□	N□	raisins		
525 Y□	?□	N□	dried fruit (store-bought) 2004 □ apples 2009 □ apricots	2005 ☐ mangos 2090 ☐ cherries	2007 □ plums (prunes) 2091 □ cranberries

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562Y□	?□	N□	any dry food bought in bulk from a tub or	bin where you pay by weight (<i>If <u>ves</u>, spe</i>	ecify)
1245 Y□	?□	N□	ready to bake items (e.g., Crescent Rolls	s, Nestlé cookie dough)	
1244 Y□	?□	N□	cake or cornbread mix		
566 Y□	?□	N□	trail mix, gorp or similar product		
515Y□	?□	N□	nuts(Read all)		
			505 □ peanuts	509 □ almonds	514 ☐ hazelnuts (filberts)
			511 □ walnuts	512 □ cashews	513 □ pistachios
			1123 ☐ mixed nuts		
518Y		N 🗆	sunflower seeds		
1241 Y□	?□	N□	pumpkin seeds		
1125 Y□	?□	N□	chia seeds (or touching a Chia Pet™)		
507Y□	?□	N□	freshly ground peanut butter (ground in s	,	
497 Y□	?□	N□	peanut butter (from jar or similar containe 2024 ☐ Skippy	er) 2025 □ Jif	2026 ☐ Peter Pan
			2027 □ Smuckers	2028 ☐ Adams	2020 ☐ Feter and
			2030 ☐ Great Value (Walmart)	2031 ☐ Kirkland (Costco)	2040 □ store brand
517Y□	?□	N□	other ground nut butters, paste, or sprea	d	
			2034 □ almond butter	679 □ Nutella	2035 other
564 Y□	?□	$N\square$	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		
567 Y□	?□	N□	granola		
2042 Y□	?□	N□	sweet snack foods 1133 cookies	533 □ graham crackers	1136 ☐ cakes (e.g., Twinkies, Yodels)
			2044 □ pastries, Pop-Tarts	2065 □ other	1100 - cares (e.g., 1 wilkies, 1 odels)
2041 Y□	?□	N□	salty snack foods		
			1131 □ tortilla chips	1130 □ potato chips	530 □ pretzels
			532 □ crackers	498 □ crackers with peanut butter	2064 □ other
2043 Y□	?□	N□	packaged snack bars	500 - granala hara	2045 - Bautanhan
			563 □ breakfast bars 2046 □ Luna bar	568 □ granola bars 2047 □ Clif bar	2045 □ Power bar 2048 □ diet bar
			2049 □ other	2047 - Oili bai	2040 - diet bai
534 Y□	?□	N□	other packaged snack food and treats (e	.g., Pirate's Booty)	
1952 Y□	?□	N□	camping or backpacking food (e.g., freeze-dried)		
552Y□	?□	N□	tofu		
455 Y□	?□	N□	seaweed (nori)		
553 Y□	?□	N□	olives		
495 Y□	?□	N□	coconut (whole, ground, flaked, shredde	d)	
737 Y□	?□	N□	dried beans (red. pinto, navy) or lentils (p	ourchased dried, not canned)	
571 Y□	?□	N□	garbanzos (chickpeas), hummus		
536 Y□	?□	N□	any kind of salsa (If <u>ves</u> , ask the followin	g questions)	
			What type?		
			538 □ red	539 □ green	1250 ☐ flavored (e.g., mango, peach)

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			Where did you get it? 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)			
1124 Y□	?□	N□	powdered mixes for sauces, gravy, or so	up			
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				
546 Y□	?□	N□	tamales				
2227Y□	?□	N□	Did anyone in the household do any baki	ing? (e.g., bread, cakes, cornbread, pie)			
580 Y□	?□	N□	If yes, was raw flour or any flour mix used				
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)			
572Y□	?□	N□	soybeans (edamame)				
550 Y□	?□	N□	any other ethnic specialty foods				
135 Y□	?□	N□	any food brought into the US through private	vate channels (e.g., hand-carried by family	or friends)		
2080 Y□	?□	N□	any food for babies(Read all) 556 □ liquid baby formula 559 □ any other foods specifically mark	557 □ powdered baby formula seted for babies	558 □ store-bought puréed baby food		
Environr	nent	al					
OK, that's	eno	ugh a	bout the food you ate! We're almost o	done. Did you have any			
§† ⁷⁶⁵ Y□	?□	N□	contact with diapered children or adults				
§ 1158Y	?□	N□	attend, visit, or work at child care center				
§† ¹¹⁵⁷ Y□	?□	N□	any work exposure to human or animal e	excreta			
\$† ⁷⁶⁴ Y	?□	N□	recreational water exposure 1424 □ swimming pool 1425 □ lake or pond	1428 □ kiddie pool 1426 □ river	1429 □ hot tub 1427 □ ocean		
Animals							
Now I'm g	joing	to as	k you some questions about contact v	with pets, livestock, and other animals			
§† ⁶²⁵ Y□	?□	N□	Did you have any contact with farm anim	als or other livestock? (If <u>ves</u> , ask the follo	wing questions)		
			Did you have contact with(Read all) 624 □ cows, cattle, calves 650 □ horses 759 □ chickens, turkeys, other poultry	920 □ goats 651 □ pigs 931 □ other	921 □ sheep 626 □ llamas, alpacas		
			Do you 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 we 1534 ☐ farm 636 ☐ pet store 638 ☐ school	ere present? 637 county or state fair 635 feed store 1537 private home	1530 □ petting zoo 1536 □ swap meet, flea market 1535 □ party		
§ 619Y□	?□	N□	any contact with dogs				
916			If yes, specify brand(s) of dry dog food				

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640 Y□	?□	N□	If yes, any household use of pet trea	ats or chews (e.g., pig ears, rawhide che	ews, pizzles)
620 Y□	?□	N□	cats		
917			If yes, specify brand(s) of dry cat foo	od	
§ 1511Y□	?□	N□	other small mammals 1504 □ hamster 630 □ rats	1506 □ guinea pig 631 □ mice	1150 □ rabbits or bunnies 1505 □ gerbil
2379 Y□	?□	N□	baby poultry 1217 □ baby chicks	2380 □ ducklings	2381 □ goslings (baby geese)
759Y□	?□	N□	chickens, turkeys, other poultry 1519 □ "backyard" chickens 1522 □ geese	1521 □ ducks	1541 □ turkeys
629 Y□	?□	N□	aquarium fish		
§ 623 Y□	?□	N□	birds 1517 □ parakeet/budgie 2232 □ canaries	1518 □ cockatiel 2230 □ parrots	2231 □ pigeons 1520 □ other
§ 627Y□	?□	N□	reptiles 924 □ snake 1514 □ bearded dragon	926 □ turtle or tortoise 2376 □ water dragon	1513 □ iguana 925 □ other lizards
628Y□	?□	N□	amphibians 927 □ frog or toad	928 □ salamander, newt, axolo	tl,
2250 Y□	?□	N□	any exposure to animal droppings o	r pellets (e.g., cow pies, dog feces, owl	pellets in school)
2254 Y□	?□	N□	any contact with a pet that had diarr	hea	
760 Y□	?□	N□	any contact with rodents used to fee 1524 □ frozen mice 1527 □ fresh mice	ed snakes or other pets 1525 □ frozen rats 1526 □ fresh rats	
}†¹543 Y□	?□	N□	hunting or contact with wild animals 1544 □ deer 1548 □ rabbits	1545 □ elk 922 □ pigs or wild boar	1546 □ birds (e.g., duck, pheasant) 1549 □ other
}†1547 Y□	?□	N□	butchering or processing animals		
-			any other contact with animals not n	nentioned? (If <u>ves</u> , specify)	
Closing	Deta	ils			
§†2066 Y	?□	N□	Do you have any leftovers that could recycling. 2067 rew milk	d be collected for testing? This might inc 2068 □ ground beef	clude any packaging or wrappers still in the tras
			2070 □ chicken	2071 □ sprouts	2072 □ private slaughter meat
			2073 □ unpasteurized juice 2078 □ other	2074 □ queso fresco	2075 □ raw milk cheese
2076 Y□	?□	N□	If we have any specific follow-up que	estions, would it be convenient for us to	o reach you by email?
2077			If yes, preferred address:		
1395			interview end time :		