**Shotgun**

**State Case ID**

Respondent was... ☐ self ☐ parent ☐ spouse ☐

Interviewed by on m /d /y start time

Age

Sex ☐ M ☐ F County

First positive specimen collected m /d /y PHL Specimen ID

Pathogen: ☐ *Salmonella*

☐ *E. coli* O157 ☐ *E. coli* ☐

***IMPORTANT TIPS FOR THE INTERVIEWER:***

1) SUBQUESTIONS: When asking a question with "subquesions" 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 vomiting or diarrhea (you can use the day-of-the-week guide below to assist you)

For example, if the case first had diarrhea at 2pm on 10/31, ask about exposures between 10/24 and 2pm on 10/30.

Onset of first symptoms m /d /y

Onset of first vomiting or diarrhea m /d /y

Time of first onset am ☐ noon pm ☐ midnight

Time of first V or D am ☐ noon pm ☐ midnight

Ask about exposures between these dates: M T W T F S S m /d /y through M T W T F S S m /d /y

**Eligibility**

*Interviewer only, do not ask case*

Indicate source(s) of positive lab tests

2156 ☐ stool 2157 ☐ urine 2158 ☐ blood

2159 ☐ CSF 2160 ☐ other

*2 is acceptable.)*

|  |  |  |  |
| --- | --- | --- | --- |
| 11 Y☐ | ?☐ | N☐ | Is the onset date for GI symptoms ambiguous? *(Within a day or* |
| 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

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 get current questionnaire

|  |  |  |  |
| --- | --- | --- | --- |
| 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? (*Check all that apply*) |
|  | 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 gatherings (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☐

183 ☐ Taco Bell 185 ☐ Wendy's 2084 ☐ other

|  |  |  |
| --- | --- | --- |
| id you eat anything from any fa166 ☐ Burger King | t food restaurant?709 ☐ Burgerville | 167 ☐ Carl's Jr. |
| 840 ☐ Chipotle | 975 ☐ Little Ceasar's | 175 ☐ McDonald's |
| 177 ☐ Papa Murphy's | 178 ☐ Pizza Hut | 182 ☐ Subway |

§† 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 restaurant1222 ☐ Indian/Pakistani | 136 ☐ Chinese | 138 ☐ Thai |
|  |  |  | 2085 ☐ Korean141 ☐ other  | 137 ☐ Vietnamese | 139 ☐ Japanese |
| 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

§†1987 Y☐ ?☐ N☐ other ground beef (e.g., taco, burrito)

1988 ☐ fast food setting 1989 ☐ sit-down restaurant

1992 Y☐ ?☐ N☐ steak (beef)

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

812 Y☐ ?☐ N☐ pork

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 (*If yes, specify salad bar location*) |
| §† 761 Y☐ | ?☐ | N☐ | *If yes,* Were there sprouts on the salad bar? (*Check with restaurant if case thinks not and sprouts are of interest*) |

**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 Costco1691 ☐ Costco 1871 ☐ Sam's Club | 1946 ☐ Bi-Mart |
| 83 Y☐ | ?☐ | N☐ | grocery stores and supermarkets1651 ☐ 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☐ | ethnic 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 (e.g., Amazon, Schwan's) |  |
| 708 Y☐ | ?☐ | N☐ | food from other households (e.g., friends, family, etc.) |  |
| 89 Y☐ | ?☐ | N☐ | delicatessens (including in-store delis) |  |
|  |  |  | other places where you shopped for food  |  |
| **Records** |  |  |  |  |

*Sometimes we need to collect specific information about brands and purchase dates. Should that become necessary, I'd like to ask what kinds of records you might have. By the way, you should hang onto any receipts or other records you might have for this time period—just in case.*

1224 How do you usually pay for your food purchases? (*Check all that apply*)

|  |  |  |  |
| --- | --- | --- | --- |
|  | 1405 ☐ cash1408 ☐ check | 1404 ☐ credit card1407 ☐ SNAP/EBT/Food stamps | 1406 ☐ debit card2087 ☐ 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) | 105 ☐ other  |
|  | 106 ☐ no records available |  |

1414 Y☐ ?☐ N☐ If necessary—say, because of an outbreak investigation—would you be willing to let us ask the store(s) to provide us with your shopping records?

**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) |
| 376 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.*

1219 ☐ goose

1400 ☐ other liver

228 Y☐ ?☐ N☐ any other organ meats (e.g., kidneys, brains, heart, sweetbreads)

|  |  |  |
| --- | --- | --- |
| 225 Y☐ | ?☐ | N☐ lamb |
| 226 Y☐ | ?☐ | N☐ veal |
| 724 Y☐ | ?☐ | N☐ bison (buffalo) |
| §† 227 Y☐ | ?☐ | N☐ wild venison or game (e.g., deer, elk) |
| §† 937 Y☐ | ?☐ | N☐ any other poultry (not chicken or turkey)217 ☐ duck 673 ☐ game hen |
| 1285 Y☐ | ?☐ | N☐ | liver1399 ☐ beef liver | 682 ☐ chicken liver |
| 249 Y☐ | ?☐ | N☐ | chitterlings ("chitlins") |  |
| 250 Y☐ | ?☐ | N☐ | head cheese, scrapple |  |

any other meat

**Eggs**

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

321 Y☐ ?☐ N☐ any whole eggs at home (*If yes, 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 home2235 ☐ 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 yes, ask the following questions*)

*What kind of container?*

953 ☐ plastic carton 954 ☐ paper carton 2237 ☐ glass bottle

*What type?*

|  |  |  |
| --- | --- | --- |
| 271 ☐ skim274 ☐ 4% (whole) | 272 ☐ 1% (low fat)795 ☐ flavored (e.g., chocolate) | 273 ☐ 2% (reduced fat)2238 ☐ non-cow (e.g., goat, sheep, yak) |
| §† 269 Y☐ | ?☐ | N☐ | raw (unpasteurized) milk |  |
| 2239 Y☐ | ?☐ | N☐ | any non-dairy milk alternatives2240 ☐ almond 2241 ☐ soy | 2242 ☐ coconut |
|  |  |  | 2243 ☐ rice 2244 ☐ hemp | 2245 ☐ other  |
| 260 Y☐ | ?☐ | N☐ | yogurt (*If yes, 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 topping677 ☐ spray can 280 ☐ from a carton | 259 ☐ imitation (e.g., Cool-Whip) |
| 267 Y☐ | ?☐ | N☐ | ice cream eaten at home1445 ☐ 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.* |  |
| §† 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) |  |
| §† 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" cheese1626 ☐ 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 an ethnic market or specialty shop |  |
| 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*) |  |
|  | 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☐ | pepperoni244 ☐ on a pizza | 678 ☐ pre-sliced (not on pizza) |  |
| §† 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 followin* | *g 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 |  |
| §†1474 Y☐ | ?☐ | N☐ | jerky or dried meat246 ☐ store-bought | 245 ☐ homemade |  |
|  |  |  | 1475 ☐ beef jerky | 1476 ☐ turkey jerky | 1477 ☐ venison jerky |
| 1205 Y☐ | ?☐ | N☐ | bologna2257 ☐ pork | 2258 ☐ beef | 2259 ☐ chicken |
|  |  |  | 2260 ☐ turkey |  |  |
| 238 Y☐ | ?☐ | N☐ | hot dogs1286 ☐ beef | 1287 ☐ chicken | 1289 ☐ pork |
|  |  |  | 1288 ☐ turkey | 1291 ☐ vegetarian |  |
| 237 Y☐ | ?☐ | N☐ | corn dogs |  |  |
| 251 Y☐ | ?☐ | N☐ | breakfast sausage (*If yes, ask the* | *following 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 sausage2135 ☐ summer sausage | 2125 ☐ bratwurst | 2126 ☐ kielbasa |

any other processed meat products

**Seafood**

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

1494 Y☐ ?☐ N☐ fresh fish (*If yes, ask the following questions) Where did you get it?*

|  |  |  |
| --- | --- | --- |
| 1496 ☐ restaurant | 1497 ☐ store-bought | 1495 ☐ personal catch |
| *What type?* |  |  |
| 440 ☐ salmon443 ☐ tuna | 441 ☐ trout1500 ☐ catfish | 442 ☐ tilapia448 ☐ any white fish |

|  |  |  |  |
| --- | --- | --- | --- |
| 444 Y☐ | ?☐ | N☐ | smoked or dried fish (e.g., lox, smoked salmon) |
| 451 Y☐ | ?☐ | N☐ | oysters (*If yes, ask the following questions*) |
|  |  |  | *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☐ | any other shellfish |  |

453 ☐ clams 948 ☐ scallops 1167 ☐ lobster

947 ☐ mussels 1055 ☐ crayfish, crawdads, mudbugs 949 ☐ cockles

456 Y☐ ?☐ N☐ squid, octopus, calamari

460 Y☐ ?☐ N☐ imitation crab (surimi) or similar product

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☐ | carrots330 ☐ “mini” (peeled; usually bagged) | 331 ☐ full size | 2000 ☐ shredded or cut |
| 332 Y☐ | ?☐ | N☐ | celery |  |  |
| 333 Y☐ | ?☐ | N☐ | cucumbers2145 ☐ "regular" | 2146 ☐ mini, Persian | 2147 ☐ English (plastic wrapped) |
| 348 Y☐ | ?☐ | N☐ | Brussels sprouts |  |  |
| 336 Y☐ | ?☐ | N☐ | bell peppers337 ☐ green | 338 ☐ red | 339 ☐ yellow |
|  |  |  | 1090 ☐ orange |  |  |
| 341 Y☐ | ?☐ | N☐ | fresh "hot" chili peppers340 ☐ jalapeño | 1453 ☐ habanero | 1454 ☐ serrano |
|  |  |  | 1455 ☐ poblano | 2144 ☐ unknown type | 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, purple) |  |
| 365 Y☐ | ?☐ | N☐ | leeks |  |
| 366 Y☐ | ?☐ | N☐ | eggplant |  |

2370 ☐ homemade

1999 ☐ other (e.g., restaurant, fast food)

§† 371 Y☐ ?☐ N☐ any stir-fry, pad thai, salad, or other dish that might have included bean sprouts

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2369 Y☐ | ?☐ | N☐ | guacamole1111 ☐ store-bought | 1112 ☐ restaurant |
| 401 Y☐ | ?☐ | N☐ | avocado735 ☐ fresh whole | 1114 ☐ mashed |
| §† 370 Y☐ | ?☐ | N☐ | (mung) 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☐ | peas2142 ☐ "regular" ("English", shelling) 823 ☐ (sugar) snap peas 345 ☐ snow peas |
| 347 Y☐ | ?☐ | N☐ | fresh beans |
| 396 Y☐ | ?☐ | N☐ | fresh mushrooms (*If yes, ask the following questions*) |
|  |  |  | *What color?* |

1103 ☐ plain white 1471 ☐ plain brown 1110 ☐ other

*How were they packaged?*

2276 ☐ bulk 2277 ☐ prepackaged

|  |  |  |  |
| --- | --- | --- | --- |
| 352 Y☐ | ?☐ | N☐ | potatoes |
| 2003 Y☐ | ?☐ | N☐ | any other kind of root or tuber vegetable (*give examples*) |  |
|  |  |  | 1470 ☐ radishes | 1468 ☐ beets | 397 ☐ turnips |
|  |  |  | 1469 ☐ jicama | 2246 ☐ other  |  |
| 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 burgers379 ☐ romaine | 378 ☐ iceberg | 381 ☐ mesclun, spring mix |
| 1994 Y☐ | ?☐ | N☐ | lettuce (*If yes, ask the following questions*) |  |  |
|  |  |  | *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

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....*

*ke sure, but then skip to next section.*

377 ☐ in a sealed bag/container 838 ☐ head 2366 ☐ bulk

|  |  |  |  |
| --- | --- | --- | --- |
| 919 Y☐ | ?☐ | N☐ | Did you eat any salads? *If no, probe to ma* |
| 1994 Y☐ | ?☐ | N☐ | lettuce (*If yes, ask the following questions*) |
|  |  |  | *How was it packaged?* |

*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"

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 518 ☐ sunflower seeds 1241 ☐ pumpkin seeds

511 ☐ walnuts 514 ☐ hazelnuts (filberts) 516 ☐ other pre-chopped or sliced nuts

1074 Y☐ ?☐ N☐ any fruit on your salad

404 ☐ apples 405 ☐ pears 419 ☐ cranberries

415 ☐ strawberries 416 ☐ raspberries 417 ☐ blueberries

422 ☐ grapes 768 ☐ clementines, mandarin oranges 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☐ salad dressing

2138 ☐ homemade 2139 ☐ store-bought bottle 1229 ☐ restaurant

2140 ☐ powdered mix 1284 ☐ other

**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 1959 ☐ Golden Delicious 1960 ☐ Fuji

1961 ☐ Braeburn 1962 ☐ McIntosh 1963 ☐ Jonagold

1964 ☐ Gala 1965 ☐ Granny Smith 2089 ☐ Honeycrisp

1966 ☐ other

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 416 ☐ raspberries | 417 ☐ blueberries |
|  |  |  | 418 ☐ blackberries 419 ☐ cranberries | 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 |  |
| 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 yes, specify*)

Any other fresh fruit?

**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., Odwalla, Naked)

2187 Y☐ ?☐ N☐ commercial fruit or vegetable juice (*If yes, 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

606 Y☐ ?☐ N☐ orange juice

607 ☐ ready-to-drink container 608 ☐ from frozen concentrate 1503 ☐ from restaurant/vendor

1491 ☐ fresh-squeezed orange juice

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? | 1096 ☐ minced garlic2248 ☐ garlic salt |
| 664 Y☐ | ?☐ | N☐ | Do you recall eating any fresh ground pepper? (at home or a restaurant) |
| 394 Y☐ | ?☐ | N☐ | garlic788 ☐ garlic powder 1097 ☐ dried flakes |
|  |  |  | 1094 ☐ whole garlic 1095 ☐ peeled cloves |
| 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 rub2168 ☐ taco seasoning 2169 ☐ fajita 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 |
|  |  |  | 775 ☐ curry powder 2178 ☐ garam masala | 2186 ☐ other  |
| 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 yes, specify*) |
| 560 Y☐ | ?☐ | N☐ | Did you eat any spices that were bought in bulk (by weight) or at ethnic specialty markets? (*If yes, specify*) |

**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 |
| 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) |
| 1062 Y☐ | ?☐ | N☐ | Caesar salad or any salad made with raw eggs |
| 2050 Y☐ | ?☐ | N☐ | anything else made with raw eggs (e.g., eggnog, mayonnaise, sauces, tiramisu, ice cream) |
| †1230 Y☐ | ?☐ | N☐ | any meat or poultry817 ☐ ground beef 815 ☐ chicken 818 ☐ pork |
|  |  |  | 2373 ☐ other beef 816 ☐ turkey 2136 ☐ lamb |
| 324 Y☐ | ?☐ | N☐ | cookie dough |  |
| 585 Y☐ | ?☐ | N☐ | cake mix or batter |  |
| 819 Y☐ | ?☐ | N☐ | any raw (uncooked, unroasted) nuts1484 ☐ almonds | 1485 ☐ hazelnuts (filberts) 1487 ☐ cashews |

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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 ☐ 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 |
| 467 Y☐ | ?☐ | N☐ | single-serve frozen entrée or TV dinner2192 ☐ Banquet | 2197 ☐ Great Value (Walmart) | 2194 ☐ Healthy Choice |
|  |  |  | 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 |  |  |
| 469 Y☐ | ?☐ | N☐ | frozen skillet meal (e.g., stir fry mix) |  |  |
| 480 Y☐ | ?☐ | N☐ | pizza |  |  |
| 481 Y☐ | ?☐ | N☐ | Mexican-style items (e.g., burritos, taquitos) |  |
| 475 Y☐ | ?☐ | N☐ | vegetarian stuff (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 blends2213 ☐ 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 |  |
| 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) |  |

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 salad488 ☐ 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☐ | dried fruit (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 yes, 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) |  |
| 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) | 2040 ☐ 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 boxes2054 ☐ 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  |
| 2041 Y☐ | ?☐ | N☐ | salty snack foods1131 ☐ tortilla chips | 1130 ☐ potato chips 530 ☐ pretzels |

532 ☐ crackers 498 ☐ crackers with peanut butter 2064 ☐ other

2043 Y☐ ?☐ N☐ packaged snack bars

|  |  |  |
| --- | --- | --- |
|  | 563 ☐ breakfast bars 568 ☐ granola bars2046 ☐ Luna bar 2047 ☐ Clif bar2049 ☐ other  | 2045 ☐ Power bar2048 ☐ diet bar |
| 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) |  |
| 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 (*If yes, ask the following questions*) |  |
|  |  |  | *What type?*538 ☐ red 539 ☐ green | 1250 ☐ flavored (e.g., mango, peach) |

*Where did you get it?*

582 ☐ homemade 1177 ☐ at a restaurant 540 ☐ store-bought

*Was it...*

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 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 |
| 546 Y☐ | ?☐ | N☐ | tamales |
| 2227 Y☐ | ?☐ | N☐ | Did anyone in the household do any baking? (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) |
| 572 Y☐ | ?☐ | N☐ | soybeans (edamame) |
| 550 Y☐ | ?☐ | N☐ | any other ethnic 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 yes, ask the following questions*)

*Did you have contact with...* **(Read all)**

624 ☐ cows, cattle, calves 920 ☐ goats 921 ☐ sheep

650 ☐ horses 651 ☐ pigs 626 ☐ llamas, alpacas

759 ☐ chickens, turkeys, other poultry 931 ☐ other

*Do you...*

1540 ☐ live on farm or ranch 1542 ☐ work on a farm or ranch

|  |  |  |
| --- | --- | --- |
| Did you visit any place where1534 ☐ farm | animals were present?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 |

§†1529 Y☐ ?☐ N☐

§ 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☐ | cats |
| 917 |  |  | *If yes,* specify brand(s) of dry cat food  |
| 1511 Y☐ | ?☐ | N☐ | other small mammals1504 ☐ hamster | 1506 ☐ guinea pig | 1150 ☐ rabbits or bunnies |
|  |  |  | 630 ☐ rats | 631 ☐ mice | 1505 ☐ gerbil |
| 2379 Y☐ | ?☐ | N☐ | baby poultry1217 ☐ baby chicks | 2380 ☐ ducklings | 2381 ☐ goslings (baby geese) |
| 759 Y☐ | ?☐ | N☐ | chickens, turkeys, other poultry1519 ☐ "backyard" chickens | 1521 ☐ ducks | 1541 ☐ turkeys |
|  |  |  | 1522 ☐ geese |  |  |
| 629 Y☐ | ?☐ | N☐ | aquarium fish |  |  |
| 623 Y☐ | ?☐ | N☐ | birds1517 ☐ parakeet/budgie | 1518 ☐ cockatiel | 2231 ☐ pigeons |
|  |  |  | 2232 ☐ canaries | 2230 ☐ parrots | 1520 ☐ other  |
| 627 Y☐ | ?☐ | N☐ | reptiles924 ☐ snake | 926 ☐ turtle or tortoise | 1513 ☐ iguana |
|  |  |  | 1514 ☐ bearded dragon | 2376 ☐ Chinese water dragon | 925 ☐ other lizards |
| 628 Y☐ | ?☐ | N☐ | amphibians927 ☐ 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 |

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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

any other contact with animals not mentioned? (*If yes, specify*)

**Closing Details**

§†2066 Y☐ ?☐ N☐ Do you have any leftovers that could 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?

2077 *If yes,* preferred address:

1395 interview end time :