

**Appendix A**  
**FDA Food Safety Survey**  
**DRAFT 6 13 14**

**NOTES:**

1. HP2010/HP2020 QUESTIONS ARE MARKED HP
2. TRACKING ITEMS FROM 1988, 1993, 1998, 2001, 2006, 2010 ARE MARKED (TR88, TR93, TR98, TR01, TR06, TR10)
3. "V" DENOTES A VERSIONED QUESTION
4. RESPONSES IN ALL CAPITAL LETTERS ARE NOT READ TO RESPONDENT
5. CATI PROGRAMMER ENSURE ALL LISTS APPEAR ON A SINGLE PAGE

**CONVERSION.** Refusal conversion

- 1 = Yes
- 2 = No

**CALL\_ATTEMPTS.** Number of calls made to contact respondent

- 1 = Yes
- 2 = No

**AREA.** Area Code

**ZIP.** Zip Code

**STATE.** State

**DATE.** Date of Interview

**PHONE.** Type of phone reached

- 1=Landline
- 2=Cell phone

**LANG.** Language used for survey administration

- EN = English
- ES = Spanish

**VRN.** Survey version

- 1= Version 1
- 2 = Version 2

**FINALWT:** Final weight without non-response adjustment (weighting scheme used for previous Food Safety Surveys)

**FINALWT\_NR:** Non-response adjusted final weight

**INTRODUCTION:**

Hello, I'm \_\_\_\_\_ with Ipsos. I am calling on behalf of the United States Food and Drug Administration, the FDA. We're not selling anything. We're doing a study about food. Have I reached you on a landline phone or a cell phone?

**[IF LANDLINE]**

SCR1. May I speak to the member of your household who is aged 18 or over and has had the most RECENT birthday? Would that be you?

**[IF SCR2:1, REINTRODUCE; IF SCR2:2, ASK FOR THE FIRST NAME OF THE ELIGIBLE RESPONDENT FOR CALL-BACK PURPOSE. REINTRODUCE AS NECESSARY.]**

SCR2. May I speak with a member of the household who is at least 18 years old and has the most recent birthday?

Yes  
No/Not available

**(IF NOT AVAILABLE, ASK FOR THE FIRST NAME OF THE ELIGIBLE RESPONDENT FOR CALL-BACK PURPOSE. REINTRODUCE AS NECESSARY.)**

**[ONLY respondents reached via a cell number]**

SCR4. Are you at least 18 years old or under 18?

Yes, 18+ years old  
No, under 18

**[IF SCR4:1; CONTINUE, OTHERWISE TERMINATE]**

**FIRST QUESTION SCRIPTED**

**[ASK SCR0 OF ALL RESPONDENTS]**

SCR0. INTERVIEWER DO NOT READ. Is respondent on cell phone or landline?

Landline phone  
Cell phone

**INTERVIEWER WARNING: YOU HAVE SELECTED [INSERT SCR0 RESPONSE]. IS THIS CORRECT?**

YES  
NO

**[IF NO GO BACK TO SCR0 AND ENTER CORRECT RESPONSE]**

SCR3. This call may be monitored for quality control purposes. Your answers to this survey are voluntary and will be kept confidential. The survey will take about 15 minutes.

**[ONLY respondents reached via a landline number]**

SCR3a. For personal calls, do you only use a landline phone at your household, or do you also have cell phone service on which I could have reached you?

- Landline only
- Cell phone also

**[SCR5 ON ONLY RESPONDENTS REACHED VIA A CELL NUMBER]**

SCR5. For personal calls, do you only use a cell phone, or do you also have regular landline phone at your household on which I could have reached you?

- Cell phone only
- Landline also

This call may be monitored for quality control purposes. Your answers to this survey are voluntary and will be kept secure to the extent provided by law. The survey will take about 15 minutes.

**(INTERVIEWER: CODE SEX WITHOUT ASKING)**

- Sb4. Male
- Female
- Not Sure

**[ALL RESPONDENTS] GO TO SURVEY.**

## SECTION A. RISK PERCEPTION

- A1.** TR98, TR01, TR06, TR10  
To start off, I would like to ask, how common do you think it is for people in the United States to get food poisoning because of the way food is prepared in their home? Would you say that it is...
1. very common,
  2. somewhat common, or
  3. not very common?
  8. DON'T KNOW
  9. REFUSED
- A2.** TR98, TR01, TR06, TR10  
How common do you think it is for people in the United States to get food poisoning from restaurant food? Would you say that it is...
1. more common than from food prepared at home,
  2. less common than food prepared at home, or
  3. about the same as food prepared at home?
  8. DON'T KNOW
  9. REFUSED
- A4.** TR01, TR98, TR06, TR10  
Do you think contamination of food by micro-organisms, such as germs, is a serious food safety problem, somewhat of a problem, or not a food safety problem at all?
1. SERIOUS FOOD SAFETY PROBLEM
  2. SOMEWHAT OF A FOOD SAFETY PROBLEM
  3. NOT A FOOD SAFETY PROBLEM AT ALL
  8. DON'T KNOW
  9. REFUSED
- A5.** TR98, TR01, TR06, TR10  
How likely do you think it is that the following foods contain germs or other micro-organisms that could make you sick? Please use any number between 1 and 5, where 1 is “not at all likely” and 5 is “very likely.”
- A5A.** TR06, TR10  
Raw chicken — how likely is it that raw chicken has germs that could make you sick? Remember that 1 is “not at all likely” and 5 is “very likely.”
1. (NOT AT ALL LIKELY) 2 3 4 5(VERY LIKELY)
  8. DON'T KNOW
  9. REFUSED
- (ROTATE A5BV1 – A5DV1)
- A5BV1.** How about raw beef? IF NECESSARY: How likely is it that raw beef has germs that could make you sick? Remember that 1 is “not at all likely” and 5 is “very likely.”
1. (NOT AT ALL LIKELY) 2 3 4 5(VERY LIKELY)

8. DON'T KNOW
9. REFUSED

**A5CV1.** How about raw fruits? IF NECESSARY: How likely is it that raw fruits have germs that could make you sick? Remember that 1 is “not at all likely” and 5 is “very likely.”

1. (NOT AT ALL LIKELY) 2 3 4 5(VERY LIKELY)
8. DON'T KNOW
9. REFUSED

**A5DV1.** How about raw eggs? IF NECESSARY: We are only talking about unpasteurized eggs. IF NECESSARY: How likely is it that raw eggs have germs that could make you sick?

1. (NOT AT ALL LIKELY) 2 3 4 5(VERY LIKELY)
8. DON'T KNOW
9. REFUSED

(ROTATE A5EV2 – A5GV2)

**A5EV2.** How about raw vegetables? IF NECESSARY: How likely is it that raw vegetables have germs that could make you sick? Remember that 1 is “not at all likely” and 5 is “very likely.”

1. (NOT AT ALL LIKELY) 2 3 4 5(VERY LIKELY)
8. DON'T KNOW
9. REFUSED

**A5FV2.** How about raw shellfish? (DO NOT READ: SHELLFISH INCLUDES CLAMS, OYSTERS, SHRIMP.) IF NECESSARY: How likely is it that raw shellfish has germs that could make you sick? Remember that 1 is not at all likely and 5 is very likely.

1. (NOT AT ALL LIKELY) 2 3 4 5(VERY LIKELY)
8. DON'T KNOW
9. REFUSED

**A5GV2.** How about foods that contain raw fish, like ceviche (se-VEE-chay) or sushi? IF NECESSARY How likely is it that raw fish has germs that could make you sick? Remember that 1 is not at all likely and 5 is very likely.

1. (NOT AT ALL LIKELY) 2 3 4 5(VERY LIKELY)
8. DON'T KNOW
9. REFUSED

## SECTION D. FOOD HANDLING PRACTICES

Now, I have some questions about cooking at home.

**D1.** TR93-TR10

Where you live, do you have a refrigerator and either a stove or microwave?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

[IF D1=2 OR 8 OR 9, GO TO E20V1 or E9V2]

**D2.** TR93-TR10

How often do you prepare the main meal in your household? Do you prepare the main meal...

1. All or nearly all of the time,
2. Only some of the time, or
3. Never?
8. DON'T KNOW
9. REFUSED

**D4.** HP

Before you begin preparing food, how often do you wash your hands with soap?

1. All of the time
2. Most of the time
3. Some of the time, or
4. Rarely
8. DON'T KNOW
9. REFUSED

[IF D2 = 3 OR 8 OR 9 GO TO D9]

**D5.** TR98, TR01, TR06, TR10

[IF D2 = 1 or 2, THEN D5]

Do you ever prepare fish or shellfish?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**D6.** TR98, TR01, TR06, TR10

[IF D5=1]

Do you ever prepare meals where you begin with raw fish or shellfish? (INTERVIEWER: CLARIFY IF NECESSARY: Do not include canned fish, frozen fish sticks, frozen fish dinners, and other pre-cooked items. INTERVIEWER NOTE: ALL CANNED ITEMS ARE COOKED. CRAB MEAT IS SOLD ONLY COOKED (EXCEPT LIVE CRABS)) (IF FROZEN, CLARIFY: Is that frozen raw or frozen cooked?)

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**D6a.** NEW [IF D6=1]

How many days per week do you prepare meals where you begin with raw fish?

RECORD ANSWER AS 1 to 7

88. LESS THAN ONCE PER WEEK
98. DON'T KNOW
99. REFUSED

- D7.** TR98, TR01, TR06, TR10  
[IF D2= 1 or 2, THEN D7]  
Do you ever prepare meat or chicken?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- D8.** TR98, TR01, TR06, TR10  
[ASK IF D7= 1]  
Do you ever prepare meals where you begin with raw meat or chicken? (NOTE: FROZEN MEAT IS FINE AS LONG AS IT IS FROZEN RAW.)
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- D8a.** NEW [IF D8=1]  
How many days per week do you prepare meals where you begin with raw meat or chicken?
- RECORD ANSWER AS 1 to 7
88. LESS THAN ONCE PER WEEK
  98. DON'T KNOW
  99. REFUSED
- D9.** HP (THIS QUESTION IS NO LONGER VERSIONED. ALL RESPONDENTS SHOULD GET IT.)  
In your home, are hamburgers usually served rare, medium, or well done?  
[CLARIFY: IF DIFFERENT WAYS FOR DIFFERENT PEOPLE: What is the rarest degree of doneness hamburgers are served?]
1. RARE, (GO TO D11)
  2. MEDIUM (GO TO D10)
  3. WELL DONE (GO TO D11)
  4. MEDIUM RARE (GO TO D10) [DO NOT READ]
  5. MEDIUM WELL (GO TO D10) [DO NOT READ]
  6. HAMBURGERS ARE NEVER SERVED (GO TO D11) [DO NOT READ]
  8. DON'T KNOW (GO TO D11)
  9. REFUSED (GO TO D11)
- D10.** HP [ASK IF D9 = 2, 4, or 5]  
When you say hamburgers are usually served "medium / medium well / medium rare" (HAVE THE ANSWER FROM PREVIOUS QUESTION POP UP) do you mean they are...
1. brown all the way through, or
  2. still have some pink in the middle?
  8. DON'T KNOW
  9. REFUSED

(ROTATE D11, D12, D13.)  
(NON-COOKS, D2 =3 or 8 or 9, GO to D17)

- D11.** HP [ASK IF D2 = 1 or 2]  
After you have cracked open raw eggs, do you usually continue cooking, or do you first rinse your hands with water, or wipe them, or wash them with soap? IF NECESSARY TO CLARIFY “CONTINUE COOKING”: Touching anything besides the eggs, such as cookware, bottles of seasoning, or other ingredients.
1. CONTINUE COOKING
  2. RINSE OR WIPE HANDS
  3. WASH WITH SOAP
  4. NEVER HANDLE RAW EGGS
  8. DON'T KNOW
  9. REFUSED
- D12.** HP  
[ASK IF D8 = 1]  
After handling raw meat or chicken, do you usually continue cooking, or do you first rinse your hands with water, or wipe them, or wash them with soap? WASH WITH WATER IS CODED WITH RINSE. IF NECESSARY TO CLARIFY “CONTINUE COOKING”: You touch anything besides the meat, such as cookware, bottles of seasoning, or other ingredients.
1. CONTINUE COOKING
  2. RINSE OR WIPE HANDS
  3. WASH WITH SOAP
  4. DON'T HANDLE RAW MEAT OR CHICKEN
  8. DON'T KNOW
  9. REFUSED
- D13.** HP [ASK IF D6 = 1]  
After handling raw fish, do you usually continue cooking, or do you first rinse your hands with water, or wipe them, or wash them with soap. IF NECESSARY TO CLARIFY “CONTINUE COOKING”: You touch anything besides the fish, such as cookware, bottles of seasoning, or other ingredients.
1. CONTINUE COOKING
  2. RINSE OR WIPE HANDS
  3. WASH WITH SOAP
  4. NEVER HANDLE RAW FISH
  8. DON'T KNOW
  9. REFUSED
- D14.** HP [IF D8 = 1]  
After you have used a cutting board or other surface for cutting raw meat or chicken, do you use it as it is for other food to be eaten raw for the same meal, or do you first rinse it, or wipe it, or wash it with soap? INTERVIEWER NOTE: “PUT IT IN THE DISHWASHER” SHOULD BE CODED AS “WASH WITH SOAP.” WASH WITH WATER IS CODED AS RINSE.
1. USE AS IT IS
  2. RINSE OR WIPE IT
  3. WASH WITH SOAP
  4. WASH WITH BLEACH/ DISINFECTANT
  5. USE A DIFFERENT BOARD
  6. DON'T CUT RAW MEAT OR POULTRY
  7. OTHER



- 98. DON'T KNOW
- 99. REFUSED

(Raw fish and raw meat cooks)

**D15.** HP [ASK IF D6 = 1 and D8=1]

After cutting raw fish or shellfish, what do you do with the cutting board or surface? IF NECESSARY: Do you use it as it is for cutting food to be eaten raw for the same meal, or do you first rinse it, wipe it, or wash it with soap? INTERVIEWER NOTE: "PUT IT IN THE DISHWASHER" SHOULD BE CODED AS "WASH WITH SOAP." WASH WITH WATER IS CODED AS RINSE.

- 1. USE AS IT IS
- 2. RINSE OR WIPE IT
- 3. WASH WITH SOAP
- 4. WASH WITH BLEACH/ DISINFECTANT
- 5. USE A DIFFERENT BOARD
- 6. DON'T CUT RAW FISH OR SHELLFISH
- 7. OTHER
- 98. DON'T KNOW
- 99. REFUSED

(Raw fish cooks who are not raw meat cooks)

**D16.** HP [ASK IF D6 = 1 and D8 = 2, DK, or REF]

After you have used a cutting board or other surface for cutting raw fish or shellfish, do you use it as it is for other food to be eaten raw for the same meal, or do you first rinse it, wipe it, or wash it with soap? INTERVIEWER NOTE: "PUT IT IN THE DISHWASHER" SHOULD BE CODED AS "WASH WITH SOAP." WASH WITH WATER IS CODED AS RINSE.

- 1. USE AS IT IS
- 2. RINSE OR WIPE IT
- 3. WASH WITH SOAP
- 4. WASH WITH BLEACH/ DISINFECTANT
- 5. USE A DIFFERENT BOARD
- 6. DON'T CUT RAW FISH OR SHELLFISH
- 7. OTHER.
- 98. DON'T KNOW
- 99. REFUSED

**D19V1.** NEW [IF D8=1]

Thinking back do you generally wash or clean small cuts of raw poultry before cooking them? [IF NEEDED: Examples of small cuts of poultry include breasts, thighs, wings?] Would you say.....

- 1. No, you don't wash or clean small cuts of raw poultry
- 2. You wash them with water only
- 3. You wash them in the sink with water **and** either salt/lime/vinegar, or lemon juice.
- 4. You rinse the poultry with boiling water.
- 5. Parboil, or
- 6. Do you use some other method? What? \_\_\_\_\_

- 98. DON'T KNOW
- 99. REFUSED

**D20V1.** NEW

Do you regularly use a kitchen sponge for things like washing dishes or wiping counters?

- 1. YES
- 2. NO
- 8. DON'T KNOW
- 9. REFUSED

**D21V1.** NEW

How often do you usually replace your kitchen sponge? Would you say...

- 1. Daily
- 2. Weekly
- 3. A few times a month
- 4. Monthly, or
- 5. Less often than once a month?
- 98. DON'T KNOW
- 99. REFUSED

**D22V1.** NEW

Do you ever sanitize your kitchen sponge?

- 1. YES
- 2. NO
- 8. DON'T KNOW
- 9. REFUSED

**D23V1.** NEW [IF D25V1=1]

How do you usually sanitize your kitchen sponge? Do you... (ROTATE ANSWERS)

D23V1a. Microwave it? (YES/NO/DON'T KNOW/REFUSED)

D23V1b. Run it through the dishwasher? (YES/NO/DON'T KNOW/REFUSED)

D23V1c. Put bleach on it? (YES/NO/DON'T KNOW/REFUSED)

D23V1d. Rinse it out in hot water? (YES/NO/DON'T KNOW/REFUSED)

D23V1e. Rise it out in cold water?, or (YES/NO/DON'T KNOW/REFUSED)

D23V1f. Do you use some other method? (YES/NO/DON'T KNOW/REFUSED)

D23V1FOTR. Please *specify* \_\_\_\_\_.

**D24V1.** NEW [IFD25V1=1]

How often do you usually sanitize your kitchen sponge? Would you say...

- 1. Daily
- 2. Weekly
- 3. A few times a month
- 4. Monthly, or
- 5. Less often than once a month?
- 98. DON'T KNOW
- 99. REFUSED

**D25V1.** NEW [IF D8=1]

After preparing raw meat or chicken, which of the following do you use to clean counter tops? Do you use...

1. a Dish cloth (YES/NO/DON'T KNOW/REFUSED)
2. Sponge (YES/NO/DON'T KNOW/REFUSED)
3. Paper towel (YES/NO/DON'T KNOW/REFUSED)
4. Sanitizer wipes (YES/NO/DON'T KNOW/REFUSED)
5. Plain water (YES/NO/DON'T KNOW/REFUSED)
6. Hot soapy water (YES/NO/DON'T KNOW/REFUSED)
7. Bleach (YES/NO/DON'T KNOW/REFUSED)
8. Kitchen cleaner/sanitizing spays (YES/NO/DON'T KNOW/REFUSED)
9. Other, please specify (YES/NO/DON'T KNOW/REFUSED)

**D26 V1.** [IF D25v1=1]

What do you usually do with the dish cloth after you finish cleaning the counter (IF NEEDED, AFTER PREPARING RAW MEAT OR CHICKEN). Do you...

1. Use again for other tasks such as drying dishes
2. Rinse it out in water
3. Wash in hot soapy water
4. Launder in the washing machine
5. Wash in the dishwasher
6. Throw away
7. or, something else?
8. DON'T KNOW
9. REFUSED

**D27V1.** Which of the following do you use for drying your hands in the kitchen? (YES/NO/DN/REFSUED for each)

1. A towel that is only used for drying hands
2. The same towel that is used to dry dishes or for other tasks
3. A fresh paper towel
4. A paper towel that is also used to dry dishes or other tasks
5. Your apron
6. Other.

**D28V1.** NEW [IF D25v1=1or D27v1=2]

How often do you use a new or freshly washed dish cloth? Would you say...

1. Daily
2. A couple of times each week
3. Weekly
4. Monthly,
5. or, Less than once a month
8. DON'T KNOW
9. REFUSED

**D29V1.** NEW

Do you have any pets in your household?

1. YES
2. NO
8. DON'T KNOW

9. REFUSED

**D30V1.** NEW [IF D27=1]

What type of pets do you have? Do you have a...(ASK HOW MANY FOR EACH – ENTER THE NUMBER. ENTER 0 (ZERO) IF NONE)

D28a. Dog

D28b. Cat

D28c. Bird

D28d. Rabbit

D28e. Reptile or amphibian such as a snake, turtle or lizard or a frog.

D28f. Other pet.

**D31V1.** NEW [IF D28b >0]

Do you keep your cat(s) inside at all times, outside at all times, or does your cat(s) go both inside and outside? (IF CAT ONLY GOES ON SCREENED-IN PORCH CODE AS INSIDE)

1. INSIDE ONLY

2. OUTSIDE ONLY

3. INSIDE AND OUTSIDE

8. DON'T KNOW

9. REFUSED

**D32V1.** NEW [IF D28b>0]

Do you always wash your hands after cleaning the cat litter box?

1. YES

2. NO

8. DON'T KNOW

9. REFUSED

**D33V1.** NEW [IF D27V1=1]

When you are preparing food, is your pet(s) allowed to be in the kitchen?

1. YES

2. NO

3. ONLY SOME PETS

8. DON'T KNOW

9. REFUSED

**D34V1.** NEW [IF D27V1=1]

Are your pet(s) allowed on the kitchen counter?

1. YES

2. NO

3. ONLY SOME PETS

8. DON'T KNOW

9. REFUSED

**D35V1.** NEW [IF D32V1=2]

Do your pet(s) ever get on the kitchen counter?

1. YES

2. NO

3. ONLY SOME PETS

8. DON'T KNOW

9. REFUSED

**SECTION E. FOOD HANDLING PRACTICES, CONTINUED**

**E1.** HP [ASK IF D7 = 1]

If you cook a large pot of soup, stew, or other food with meat or chicken and want to save it for the next day, when do you put the food in the refrigerator? Would it be...(CLARIFY: IF A NUMBER OF METHODS ARE USED THAT INCLUDE COOLING IT TO ROOM TEMPERATURE THEN MARK ROOM TEMPERATURE)

1. Immediately
2. After first cooling it at room temperature, or
3. After first cooling it in cold water?
4. DO NOT COOK SUCH FOODS [DO NOT READ]
5. WOULD NOT REFRIGERATE IT [DO NOT READ]
8. DON'T KNOW
9. REFUSED

**E2.** HP [ASK IF E1 = 2]

For about how long would you let it cool at room temperature?

1. LESS THAN TWO HOURS [DO NOT READ]
2. TWO HOURS OR MORE / ABOUT 2 HOURS [DO NOT READ]
8. DON'T KNOW [DO NOT READ]
9. REFUSED [DO NOT READ]

(Fish cooks who also cook meat)

**E3.** HP [IF D5 = 1 AND D7 = 1]

How about if the soup or stew contains fish or shellfish instead of meat or chicken. If you want to save it for the next day, when do you put the food in the refrigerator? Would it be...(CLARIFY: IF A NUMBER OF METHODS ARE USED THAT INCLUDE COOLING IT TO ROOM TEMPERATURE THEN MARK ROOM TEMPERATURE)

1. Immediately
2. After first cooling it at room temperature, or
3. After first cooling it in cold water?
4. DO NOT COOK SUCH FOODS [DO NOT READ]
5. WOULD NOT REFRIGERATE IT [DO NOT READ]
8. DON'T KNOW [DO NOT READ]
9. REFUSED [DO NOT READ]

(Fish cooks who do not cook meat)

**E4.** HP [IF D5 = 1 AND D7 = 2, DK, or REF]

If you cook a large pot of soup, stew, or other food with fish or shellfish and want to save it for the next day, when do you put the food in the refrigerator? Would it be...(CLARIFY: IF A NUMBER OF METHODS ARE USED THAT INCLUDE COOLING IT TO ROOM TEMPERATURE THEN MARK ROOM TEMPERATURE)

1. Immediately
2. After first cooling it at room temperature, or

3. After first cooling it in cold water?
4. DO NOT COOK SUCH FOODS [DO NOT READ]
5. WOULD NOT REFRIGERATE IT [DO NOT READ]
8. DON'T KNOW [DO NOT READ]
9. REFUSED [DO NOT READ]

**E5.** HP [ASK IF E3=2 or E4 = 2]

For about how long would you let it cool at room temperature?

1. LESS THAN TWO HOURS [DO NOT READ]
2. TWO HOURS OR MORE [DO NOT READ]
8. DON'T KNOW [DO NOT READ]
9. REFUSED [DO NOT READ]

**E5bV2.** NEW [ASK IF D7 = 1]

After you cook a whole turkey, how long do you usually let it sit out at room temperature before you eat it?

1. \_\_\_\_\_MINUTES
2. \_\_\_\_\_HOURS
3. \_\_\_\_\_DAYS
4. DON'T COOK WHOLE TURKEY
8. DON'T KNOW [DO NOT READ]
9. REFUSED [DO NOT READ]

**E5cV2.** NEW [ASK IF E5bV2= 1,2,8,9]

After cooking a whole turkey, how long would you let it sit out at room temperature before putting it, including any leftovers, in the refrigerator?

1. \_\_\_\_\_MINUTES
2. \_\_\_\_\_HOURS
3. \_\_\_\_\_DAYS
4. DON'T COOK WHOLE TURKEY
8. DON'T KNOW [DO NOT READ]
9. REFUSED [DO NOT READ]

**E6V1.** TR01, TR06, TR10

Have you grilled meat, poultry, or fish outside in the past year?

1. YES
2. NOT SURE (GO TO E9V1 or E14V2)
3. NO (GO TO E9V1 or E14V2)
8. DON'T KNOW (GO TO E9V1 or E14V2)
9. REFUSED (GO TO E9V1 or E14V2)

- E7V1.** TR01, TR06, TR10 [IF E6V1=1]  
 After the food is cooked, what do you usually use to carry it from the grill to the place where it will be eaten? Do you use... IF RESPONDENT GIVES MORE THAN ONE ANSWER OR SAYS "IT DEPENDS," PROBE: What do you do most of the time? IF RESPONDENT SAYS "CLEAN PLATE," ASK: "Is it the same plate that you used to carry the food to the grill or a different plate?]
1. The plate or pan you used to carry the food to the grill
  2. A different plate or pan, or do you usually
  3. Serve directly from the grill to individual plates?
  4. OTHER
  8. DON'T KNOW
  9. REFUSED
- E8V1.** TR01, TR06, TR10 [IF E7V1=1]  
 Do you use the plate or pan as it is, or do you first wipe it, or rinse it, or wash it with soap?
1. USE AS IS
  2. WIPE OR RINSE IT
  3. WASH WITH SOAP (OR BLEACH)
  4. NOT SURE
  8. DON'T KNOW
  9. REFUSED
- E22V1.** NEW  
 Think about when you usually go grocery shopping, on average how long is it between when you pay for the food and when you put the food that needs to be refrigerated in the refrigerator? Would you say...
1. Less than half an hour,
  2. Between half an hour and an hour,
  3. Between an hour and two hours, or
  4. Longer than two hours?
  5. DON'T KNOW
  6. REFUSED
- E23V1.** NEW  
 When you shop for groceries, how often do you bring your own bags to carry the food home? Would you say...
1. All of the time
  2. Most of the time
  3. Some of the time,
  4. Or Never?
  5. DON'T KNOW
  6. REFUSED
- E24V1.** NEW [IF E23V1 < 4]  
 How often do you wash reusable grocery bags? Would you say....
1. Every time you use them
  2. Once in a while, or do you
  3. Never wash them?
  4. DON'T KNOW
  5. REFUSED

- E9V2.** TR06, TR10 (modified)  
Do you ever buy bagged, precut leafy greens such as lettuce or spinach? IF NECESSARY: WE ARE TALKING ABOUT BAGGED SALAD
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- E10V2.** TR06, TR10 [IF E9V2 = 1]  
Do you usually wash or rinse bagged, precut lettuce before you eat it?
1. YES
  2. NO
  3. IT DEPENDS (IE. PRODUCT TYPE, HOW IT LOOKS, HOW IT SMELLS)
  8. DON'T KNOW
  9. REFUSED
- E10V2A.** TR06 , TR10  
Of all the bags of precut lettuce available at the store, about how many of them contain lettuce that has already been washed? Would you say...
1. All of them
  2. Most of them
  3. Some of them, or
  4. None of them
  8. DON'T KNOW
  9. REFUSED
- E10V2B.** NEW [IF E10V2=1]  
Why do you wash bagged, precut lettuce? Would you say...
- E10V2B1. To remove dirt? (YES/NO/DON'T KNOW/REFUSED)  
E10V2B2. To remove germs such as E. coli and Salmonella? (YES/NO/DON'T KNOW/REFUSED)  
E10V2B3. To remove pesticides? (YES/NO/DON'T KNOW/REFUSED)  
E10V2B4. Or, for some other reason? (YES/NO/DON'T KNOW/REFUSED)
- E11V2.** TR06, TR10 (MODIFIED)  
Do you ever buy whole avocados?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- E12V2.** TR01, TR06, TR10 (MODIFIED)  
[IF E11V2=1]  
Do you usually wash or rinse avocados before you prepare or eat them?
1. YES
  2. NO
  8. DON'T KNOW



9. REFUSED

**E12aV2.** NEW [IF E12V2=1]

Why do you wash avocados?

E12aV2\_1. To remove dirt? (YES/NO/DON'T KNOW/REFUSED)

E12aV2\_2. To remove germs such as E. coli and Salmonella? (YES/NO/DON'T KNOW/REFUSED)

E12aV2\_3. To remove pesticides? (YES/NO/DON'T KNOW/REFUSED)

E12aV2\_4. Or, for some other reason? (YES/NO/DON'T KNOW/REFUSED)

**E13V2.** TR06 [IF E12V2=1, TR10] (MODIFIED)

What methods do you use to wash or rinse avocados? Do you...NOTE: IF SAY THEY USE A COLANDER, "Using your colander, do you (READ THE ANSWERS AGAIN]

**E13V2\_1.** Rub them under running water, with a brush, cloth or your hands? (YES/NO/DON'T KNOW/REFUSED)

**E13V2\_2.** Hold under running water, without rubbing them? (YES/NO/DON'T KNOW/REFUSED)

**E13V2\_3.** Soak them in a container of water? or (YES/NO/DON'T KNOW/REFUSED)

**E13V2\_4.** Use a cleaner to wash them? (YES/NO/DON'T KNOW/REFUSED)

**E13V2a.** NEW [IF E12V2=1]

Do you ever eat the avocado skin?

1. YES

2. NO

8. DON'T KNOW

9. REFUSED

**E14V2.** TR06, TR10

Do you ever buy whole cantaloupe?

1. YES

2. NO

8. DON'T KNOW

9. REFUSED

**E15V2.** TR01, TR06, TR10 [IF E14V2=1]

Do you usually wash or rinse cantaloupe before you prepare or cut it?

1. YES

2. NO

8. DON'T KNOW

9. REFUSED

**E15aV2.** NEW [IF E15V2=1]

Why do you wash cantaloupe?

E15aV2\_1. To remove dirt? (YES/NO/DON'T KNOW/REFUSED)

E15aV2\_2. To remove germs such as E. coli and Salmonella? (YES/NO/DON'T KNOW/REFUSED)

E15aV2\_3. To remove pesticides? (YES/NO/DON'T KNOW/REFUSED)

E15aV2\_4. Or, for some other reason? (YES/NO/DON'T KNOW/REFUSED)

- E16V2.** TR06, TR10 [IF E15V2=1]  
Do you use any of these methods to wash or rinse cantaloupe? Please choose one or more. Do you...  
E16V2\_1. Rub them under running water, with a brush, cloth or your hands? (YES/NO/DON'T KNOW/REFUSED)  
E16V2\_2. Hold under running water, without rubbing them? (YES/NO/DON'T KNOW/REFUSED)  
E16V2\_3. Soak them in a container of water? or (YES/NO/DON'T KNOW/REFUSED)  
E16V2\_4. Use a cleaner to wash them? (YES/NO/DON'T KNOW/REFUSED)

## **SECTION F. MICRO-ORGANISMS AND PERSONAL VULNERABILITY**

- F1.** TR93, TR98, TR01, TR06, TR10  
Have you ever heard of Salmonella (sal - mon - ELL - la) as a problem in food? [NOTE: IF THE RESPONDENT HAS HEARD OF SALMONELLA, BUT NOT AS A PROBLEM IN FOOD, CODE AS "NO"]
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- F2.** TR93, TR98, TR01, TR06, TR10 (Ask all as in 2001 or only if heard of Salmonella?)  
How do you think a food can be made safe if it has salmonella (sal - mon - ELL - la) in it? Would you say by....)
- F2\_1.** Cooking it? (YES/NO/DON'T KNOW/REFUSED)  
**F2\_2.** Washing it? (YES/NO/DON'T KNOW/REFUSED)  
**F2\_3.** Freezing it? (YES/NO/DON'T KNOW/REFUSED)  
**F2\_4.** Adding vinegar or lemon juice? (YES/NO/DON'T KNOW/REFUSED) or  
**F2\_5.** Would you say the food cannot be made safe (YES/NO/DON'T KNOW/REFUSED)

[ROTATE F4 – F9b, but F9 and F9a need to be kept together]

- F4.** TR01, TR06, TR10  
[Have you ever heard of] Listeria (lis - TEER - ee - ah) as a problem in food? [NOTE: IF THE RESPONDENT HAS HEARD OF LISTERIA, BUT NOT AS A PROBLEM IN FOOD, CODE AS "NO"]
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- F5.** Tr93, TR98, TR01, TR06, TR10  
[Have you ever heard of] Campylobacter (KAM - pee - low - BACK - ter) as a problem in food? [NOTE: IF THE RESPONDENT HAS HEARD OF CAMPYLOBACTER, BUT NOT AS A PROBLEM IN FOOD, CODE AS "NO"]
1. YES

2. NO
8. DON'T KNOW
9. REFUSED

**F6.** TR93, TR98, TR01, TR06, TR10  
[Have you ever heard of] Vibrio (VIB-bree-oh) as a problem in food? ?[NOTE: IF THE RESPONDENT HAS HEARD OF VIBRIO, BUT NOT AS A PROBLEM IN FOOD, CODE AS "NO"]

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**F7.** TR93, TR98, TR01, TR06, TR10  
[Have you ever heard of ] E. Coli as a problem in food? [NOTE: IF THE RESPONDENT HAS HEARD OF E.COLI, BUT NOT AS A PROBLEM IN FOOD, CODE AS "NO"]

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**F8.** TR93, TR98, TR01, TR06, TR10  
[Have you ever heard of] Hepatitis A as a problem in food? ?[NOTE: IF THE RESPONDENT HAS HEARD OF HEPATITIS A, BUT NOT AS A PROBLEM IN FOOD, CODE AS "NO"]

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**F8a.** NEW

[Have you ever heard of] Trichinella as a problem in food? ?[NOTE: IF THE RESPONDENT HAS HEARD OF TRICHINELLA , BUT NOT AS A PROBLEM IN FOOD, CODE AS "NO"]

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**F9** NEW

[Have you heard of] Toxoplasma as a problem in food? This is also sometimes called Toxoplasmosis or T. gondii [NOTE: IF THE RESPONDENT HAS HEARD OF TOXOPLASMA, BUT NOT AS A PROBLEM IN FOOD, CODE AS "NO"]

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**F9a.** NEW [IF F9=1]  
How do you think a food can be made safe if it has Toxoplasma in it? Would you say by...

**F9a\_1.** Cooking it? (YES/NO/DON'T KNOW/REFUSED)

**F9b\_2.** Washing it? (YES/NO/DON'T KNOW/REFUSED)

**F9c\_3.** Freezing it? (YES/NO/DON'T KNOW/REFUSED)

**F9d\_4.** Adding vinegar or lemon juice? (YES/NO/DON'T KNOW/REFUSED) or

**F9e\_5.** Would you say the food cannot be made safe (YES/NO/DON'T KNOW/REFUSED)

**F9b.** NEW

Have you heard of Norovirus (also called Norwalk virus) as a problem in food? NOTE: IF THE RESPONDENT HAS HEARD OF NOROVIRUS, BUT NOT AS A PROBLEM IN FOOD, CODE AS "NO"]

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

[ROTATE F10A- F10F]

**F10A.** TR98 , TR01, TR06, TR10

Now, I'm going to read a list of some ways that food may be handled. For each, please tell me how likely it is that you would get sick if you ate food that was handled that way. Please use any number between 1 and 5, where 1 is "not at all likely" and 5 is "very likely." (IF RESPONDENT SAYS THEY DON'T PREPARE THE FOOD, ASK THEM FOR THEIR OPINION.)

**F10AV1.** If you forget to wash your hands before preparing food, how likely are you to get sick? Where 1 is "not at all likely" and 5 is "very likely."

**F10AV2.** If you forget to wash your hands before you begin cooking, how likely are you to get sick? Where 1 is "not at all likely" and 5 is "very likely."

**F10B.** If vegetables you will eat raw happen to touch raw meat or chicken, how likely are you to get sick? IF NECESSARY: Where 1 is not at all likely and 5 is very likely.

**F10C.** If you eat meat or chicken that is not thoroughly cooked, how likely are you to get sick? IF NECESSARY: Where 1 is not at all likely and 5 is very likely.

**F10D.** TR06, TR10

If you happen to leave a meat or chicken stew or a casserole out of the refrigerator for 2 to 5 hours after it has finished cooking, and eat it, how likely are you to get sick? IF NECESSARY: Where 1 is not at all likely and 5 is very likely.

**F10F.** TR10

If you eat a food that has been recalled, how likely are you to get sick? IF NECESSARY: Where 1 is not at all likely and 5 is very likely.

**F10GV1.** New

If you forget to wash your hands after cleaning out a cat litter box before you prepare food, how likely are you to get sick? IF NECESSARY: Where 1 is not at all likely and 5 is very likely.

**F10HV1.** New

If you forget to wash your hands after gardening before you begin to prepare food, how likely are you to get sick? IF NECESSARY: Where 1 is not at all likely and 5 is very likely.

## SECTION H. THERMOMETERS

NOTE: THE REFRIGERATOR THERMOMETER QUESTIONS ARE MODIFIED FROM 2001

**H2.** TR01 modified, TR06, TR10 modified to add note.

Does your refrigerator have a built-in **thermometer** that tells you the temperature in degrees Fahrenheit? We are **not** talking about the dial that you adjust to change the temperature.

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**H2A.** TR01 modified, TR06, TR10[IF H2 =2, 8, or 9]

Have you put a thermometer in your refrigerator so you can tell the temperature?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**H2B.** NEW

What temperature, in degrees Fahrenheit, should you try to keep your refrigerator set at?

[RANGE FOR FAHRENHEIT: 0 - 100]

[RANGE FOR CELSIUS: 0 - 20]

[RESPONDENT ANSWERS IN CELSIUS, PLEASE REPORT IN CELSIUS]

1. RESPONDENT ANSWERS IN FAHRENHEIT
2. RESPONDENT ANSWERS IN CELSIUS
8. DON'T KNOW
9. REFUSED

**H2B1.** \_\_\_\_\_ DEGREES FAHRENHEIT [PLEASE HAVE FAHRENHEIT COME UP FIRST IN THE CATI PROGRAM]

**H2B2.** \_\_\_\_\_ DEGREES CELSIUS

- H3.** TR06, TR10 [IF H2=1 OR H2a=1]  
 [RANGE FOR FAHRENHEIT: 0 - 100]  
 [RANGE FOR CELSIUS: 0 - 20]  
 What is the temperature, in degrees Fahrenheit, of your refrigerator now? [RESPONDENT ANSWERS IN CELSIUS, PLEASE REPORT IN CELSIUS]
1. RESPONDENT ANSWERS IN FAHRENHEIT
  2. RESPONDENT ANSWERS IN CELSIUS
  8. DON'T KNOW
  9. REFUSED
- H3A.** MAKE A NOTE IF THE RESPONDENT SAYS THAT HE OR SHE IS CHEKING THE ACTUAL TEMPERATURE.
- H3F.** \_\_\_\_\_ DEGREES FARENHEIT [PLEASE HAVE FARENHEIT COME UP FIRST IN THE CATI PROGRAM]
- H3C.** \_\_\_\_\_ DEGREES CELSIUS
- H5.** TR06, TR10 (modified)  
 How important do you think it is to use a **food** thermometer for checking the doneness of hamburgers? Would you say...
1. Very important
  2. Somewhat important, or
  3. Not important at all
  8. DON'T KNOW
  9. REFUSED
- H6.** TR98, TR01, TR06, TR10  
 Do you have a food thermometer, such as a meat thermometer?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- H7.** NEW [IF H6=2]  
 Why don't you have a food thermometer? Would you say because...(ROTATE RESPONSES)
- H7\_1. It is too expensive? (YES/NO/DON'T KNOW/REFUSED)
  - H7\_2. You never thought to get one? (YES/NO/DON'T KNOW/REFUSED)
  - H7\_3. You have not gotten around to getting one? (YES/NO/DON'T KNOW/REFUSED)
  - H7\_4. You don't know of a good place to get one? (YES/NO/DON'T KNOW/REFUSED)
  - H7\_5. You can't find the kind you like? (YES/NO/DON'T KNOW/REFUSED)
  - H7\_6. You don't need one? (YES/NO/DON'T KNOW/REFUSED)
  - H7\_7. Yours broke? (YES/NO/DON'T KNOW/REFUSED)
  - H7\_8. It was not in your kitchen when you were growing up? (YES/NO/DON'T KNOW/REFUSED)
  - H7\_9. Or, some other reason? (YES/NO/DON'T KNOW/REFUSED)

[IF D8= 1 and H6=1, THEN H8A and H8B]

Thinking of your usual habits over the past year, when you prepare the following foods, how often do you use a thermometer?

**H8A.** HP

For roasts, or other large pieces of meat—how often do you use a thermometer when you cook roasts. Would you say... [CLARIFY IF NECESSARY: SHOULD NOT INCLUDE TURKEYS or CHICKENS]

1. Always
2. Often
3. Sometimes, or
4. Never
5. (DO NOT READ) NEVER COOK THE FOOD
8. DON'T KNOW
9. REFUSED

[IF H6=2,8,9 and D8=1 OR H8A=4, 8, or 9] (NOTE: We only want people who cook meat but don't often or sometimes use a thermometer when cooking roasts)

**H8A1V1.** NEW

How do you know when your roast is done? Would you say... [ROTATE] (YES/NO/DON'T KNOW/REFUSED FOR EACH)

**H8A1a.** You can tell when your roast is done by the amount of time it has been cooking?

**H8A1b.** You can tell when it is done by touching it?

**H8A1c.** You can tell when it is done by tasting it?

**H8A1d.** You can tell when it is done by looking at it?

**H8A1e.** You can tell when it is done by cutting into it?

**H8A1f.** You only cook roasts with built-in/pop-up thermometers?

**H8A1g.** or, you can tell by some other reason?

[IF D8= 1 and H6=1]

**H8B.** HP

How about chicken parts, such as breasts or legs—how often do you use a thermometer when you cook chicken parts? [Would you say...]

1. Always
2. Often
3. Sometimes, or
4. Never
5. (DO NOT READ) NEVER COOK THE FOOD
8. DON'T KNOW
9. REFUSED

[IF H6=2,8,9 and D8=1 OR IF H8B=4, 8, or 9] (NOTE: We only want people who cook meat but don't often or sometimes use a thermometer when cooking chicken parts.)

**H8B1V1.** NEW

How do you know when your chicken parts are done? Would you say... [ROTATE]  
(YES/NO/DON'T KNOW/REFUSED FOR EACH)

**H8B1a.** You can tell when your chicken parts are done by the amount of time it has been cooking?

**H8B1b.** You can tell when it is done by touching it?

**H8B1c.** You can tell when it is done by tasting it?

**H8B1d.** You can tell when it is done by looking at it?

**H8B1e.** You can tell when it is done by cutting into it?

**H8B1f.** I can tell when it is done when the juices run clear,

**H8B1g.** or, you can tell by some other reason?

[IF D2[V]=1, 2 and H6=1, THEN H8C]

**H8C.**

TR01, TR06, TR10

How about baked egg dishes such as quiche (KEESH), custard, or bread pudding, —how often do you use a thermometer when you cook baked egg dishes?

1. Always
2. Often
3. Sometimes, or
4. Never
5. (DO NOT READ) NEVER COOK THE FOOD
8. DON'T KNOW
9. REFUSED

**H8D.**

HP TR98, TR01, TR06 [IF D8= 1 and H6=1 THEN H8D]

How about hamburgers—How often do you use a thermometer when you cook or grill hamburgers? [Would you say..] TURKEY BURGERS ARE INCLUDED IF RESPONDENT VOLUNTEERS; DO NOT PROBE FOR TURKEY BURGERS. DO NOT INCLUDE VEGGIE BURGERS.

1. Always
2. Often
3. Sometimes, or
4. Never
5. NEVER COOK THE FOOD (DO NOT READ)
8. DON'T KNOW
9. REFUSED

[IF H6=2,8,9 and D8=1 OR IF H8B=4, 8, or 9] (NOTE: We only want people who cook meat but don't often or sometimes use a thermometer when cooking hamburgers.)

**H8D1V1. NEW**

How do you know when your hamburgers are done? Would you say..... [ROTATE]  
(YES/NO/DON'T KNOW/REFUSED FOR EACH)

H8D1a. You can tell when your hamburgers are done by the amount of time they have been cooking?

H8D1b. You can tell when it is done by touching it?



- H8D1c. You can tell when it is done by tasting it?
- H8D1d. You can tell when it is done by looking at it?
- H8D1e. You can tell when it is done by cutting into it?
- H8D1f. I can tell when it is done when the juices run clear,
- H8D1g. or, you can tell by some other reason?

**H8E.** NEW [IF H6=1]

How about for frozen food entrees, like frozen pizzas, pot pies, and TV dinners that you heat in the microwave? —How often do you use a thermometer when you heat frozen food entrees in the microwave? [Would you say...

1. Always
2. Often
3. Sometimes, or
4. Never
5. NEVER COOK THE FOOD (DO NOT READ)
8. DON'T KNOW
9. REFUSED

**SECTION J. FOOD CONSUMPTION HABITS**

**J1.** HP, TR98, TR01, TR06, TR10 J1A-J1J

In the past 12 months, which of the following raw foods did you eat? [READ LIST]

**J1A.** Raw clams?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

- J1B.** Raw oysters? [NOTE: STEAMED OYSTERS ARE COOKED.]
- J1C.** Steak tartare (TAR-TAR), or raw hamburger meat?
- J1D.** Sushi with raw fish, ceviche (se - VEE - chay), or other raw fish? [DO NOT INCLUDE PICKLED FISH, SMOKED FISH, OR LOX]
- J1E.** Raw alfalfa sprouts, bean sprouts, or other sprouts?
- J1F.** Did you eat any other raw meat, poultry or fish? If yes, what? [ACCEPT MULTIPLES IF YES. "NO" SHOULD BE SINGLE RESPONSE]
- J1F1.** YES — RAW MUSSELS
- J1F2.** YES — RAW SHRIMP
- J1F3.** YES — RAW POULTRY [NOTE: IF THE RESPONDENT SAYS RAW POULTRY, PLEASE CONFIRM THAT THE RESPONDENT ATE POULTRY "RAW."]
- J1F4.** YES — RAW CRAB
- J1F5.** YES — OTHER
- J1F6.** NO
- J1F8.** DON'T KNOW
- J1F9.** REFUSED
- J2.** NEW
- In the past 12 months have you eaten any cheese that was made from milk that was **not** pasteurized? This type of cheese is sometimes called "**raw milk**" cheese?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- [IF J2=1]
- J21.** NEW
- Thinking of the most recent time you had raw milk cheese, was this cheese a "hard" cheese such as cheddar or a "soft" cheese such as brie?
1. HARD
  2. SOFT
  1. DON'T KNOW
  2. REFUSED
- J2A.** TR06, TR10
- In the past 12 months, have you eaten queso fresco, queso blanco, or similar cheeses?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- J2B.** TR06, TR10 [IF J2A=1]
- From where did you get these cheeses?
- J2B1.** GROCERY STORE
- J2B2.** FARMERS MARKET

- J2B3.** LATIN OR SPANISH MARKET
- J2B4.** RESTAURANT
- J2B5.** I MADE IT AT HOME
- J2B6.** IT WAS MADE BY FRIENDS/FAMILY
- J2B7.** OTHER (SPECIFY: \_\_\_\_\_)
- J2B8.** DON'T KNOW
- J2B9.** REFUSED

**J2C.** TR10

In the past 12 months, did you drink any raw milk or milk that was not pasteurized? This type of milk is often sold off-the-farm or door-to-door.

- 1. YES
- 2. NO
- 8. DON'T KNOW
- 9. REFUSED

NEW [IF J2C=1]

**J2D.** How often do you drink raw milk? Would you say...

- 1. Less than once a year.
- 2. A few times a year.
- 3. Once a month
- 4. A few times a month
- 5. Once a week
- 6. Two to three times per week
- 7. Or, Daily?
- 8. DON'T KNOW
- 9. REFUSED

**J3.** TR01, TR06, TR10

In the past 12 months, have you eaten eggs with runny yolks, soft scrambled eggs, or soft meringue (MER-ANG)? SOFT MERINGUE IS THE TYPE USED TO TOP SOME PIES; IN CONTRAST, HARD MERINGUE IS USED FOR SHELLS TO HOLD FRUIT, PUDDING, MERINGUE COOKIES, OR OTHER DESSERTS. DO NOT INCLUDE HARD MERINGUE.

- 1. YES
- 2. NO
- 8. DON'T KNOW
- 9. REFUSED

- J4.** HP  
TR 98, TR01, TR06, TR10  
In the past 12 months, did you eat any of the following foods that contain raw eggs? [IF NECESSARY: WE MEAN FOODS THAT CONTAIN RAW EGG WHEN YOU EAT THEM, NOT FOODS MADE WITH A RAW EGG THAT IS COOKED BEFORE EATEN] [READ LIST]  
[NOTE: YOU DO NOT NEED TO READ THE INTRODUCTION TO THE QUESTION FOR EVERY FOOD. ONLY REPEAT AS NECESSARY.]
- J4A.** [IF NECESSARY. IN THE PAST 12 MONTHS DID YOU EAT?]  
Raw, homemade cookie or cake batter?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- J4B.** [IF NECESSARY. IN THE PAST 12 MONTHS DID YOU EAT?]  
Homemade frosting with raw egg?
- J4C.** [IF NECESSARY. IN THE PAST 12 MONTHS DID YOU EAT?]  
Caesar salad dressing with raw egg?
- J4D.** [IF NECESSARY. IN THE PAST 12 MONTHS DID YOU EAT?]  
Chocolate mousse with raw egg?
- J4E.** [IF NECESSARY. IN THE PAST 12 MONTHS DID YOU EAT?]  
Homemade eggnog with raw egg?
- J4F.** [IF NECESSARY. IN THE PAST 12 MONTHS DID YOU EAT?]  
Homemade ice cream with raw egg?
- J4G.** [IF NECESSARY. IN THE PAST 12 MONTHS DID YOU EAT?]  
Shakes with raw egg?
- J4H.** Any other food with raw egg?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED

**J4I.** [IF J4H=1] [ACCEPT MULTIPLES]  
What raw food would that be?

**J4I1.** Mayonnaise made with raw egg

**J4I2.** Raw eggs by themselves

**J4I3.** OTHER

**J4I4.** DON'T KNOW

**J4I5.** REFUSED

**J5.** NEW [IF ANSWER YES TO ANY OF THE RAW EGG QUESTIONS. IF YES TO MULTIPLE RAW EGG QUESTIONS, PLEASE ASK THIS FOR EACH ONE.]  
"Was the XXXX [FILL IN WITH FOOD MADE FROM RAW EGG] made from pasteurized eggs?  
(YES/NO/SOMETIMES/DON'T KNOW/REFUSED)

## SECTION K. FOOD ADVISORIES

**K6V1.** TR06, TR10

In the past 12 months, have you eaten any fish or shellfish? We are talking about all fish and shellfish including tuna fish, fish sticks, and shrimp that you may have eaten.

1. Yes (GO TO K8V1)
2. No (GO TO K7V1)
8. DON'T KNOW (GO TO K9V1)
9. REFUSED (GO TO K9V1)

**K8AV1.** NEW

On average, how often do you eat fish or shellfish? You may answer in times per week or times per month.

1. \_\_\_\_\_TIMES PER WEEK (**K8AV1\_1**)
2. \_\_\_\_\_TIMES PER MONTH (**K8AV1\_2**)
3. LESS THAN ONCE A MONTH
8. DON'T KNOW
9. REFUSED

**K8V1.** TR06, TR10

In the past month, did you eat any recreationally caught fish? We mean fish that you or others caught from lakes, rivers, or coastal areas.

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**K9V1.** TR06, TR10

Have you heard about any health benefits from eating fish and shellfish?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

- K11V1.** TR06, TR10  
Have you heard about any health concerns with eating fish and shellfish?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED

- K16.** TR01, TR06  
Have you heard anything about mercury as a problem in some fish?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED

- K17.** TR01, TR06, TR10  
[IF K16=1]  
What kinds of fish have mercury problems? [ACCEPT MULTIPLES. NOTE: IF RESPONDENT SAYS "BIG FISH," PROBE: Any specific fish? IN THE CASE OF A GENERAL RESPONSE OF "TUNA," ASK THE RESPONDENT: Any specific type of tuna? Such as tuna steaks or canned tuna or both?] [DO NOT READ LIST] [PROBE: Anything else?]
- K17A.** SWORD FISH [DO NOT READ]  
**K17B.** SHARK [DO NOT READ]  
**K17C.** KING MACKEREL [DO NOT READ]  
**K17D.** TILEFISH [DO NOT READ]  
**K17E.** TUNA STEAKS [DO NOT READ]  
**K17F.** ANY GENERAL MENTION OF TUNA [DO NOT READ]  
**K17G.** GENERAL CANNED TUNA [DO NOT READ]  
**K17H.** ALBACORE OR CHUNK WHITE CANNED TUNA FISH [DO NOT READ]  
**K17I.** ANY GENERAL MENTION OF SALMON BUT NOT FARM RAISED [DO NOT READ]  
**K17J.** FARM RAISED SALMON [DO NOT READ]  
**K17K.** ANY FARM RAISED FISH [DO NOT READ]  
**K17L.** RAW FISH (CEVICHE) [DO NOT READ]  
**K17M.** RAW SHELLFISH (OYSTERS, CLAMS) [DO NOT READ]  
**K17N.** BIG FISH, UNSPECIFIED, FISH HIGH ON FOOD CHAIN [DO NOT READ]  
**K17O.** OTHER OR UNSPECIFIED FISH [DO NOT READ]  
**K17P.** RECREATIONAL CAUGHT FISH (FROM LAKES AND RIVERS) [DO NOT READ]  
**K17Q.** DON'T KNOW  
**K17R.** REFUSED  
**K17S.** FISH FROM A SPECIFIC REGION  
**K17T.** FISH FROM A SPECIFIC LAKE, RIVER, OR STREAM

- K18.** TR01, TR06, TR10 [IF K16=1]  
Have you heard of any particular group of people who are advised to be especially careful not to eat too much fish that might have mercury?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED

**K18A.** [IF K18 = 1] Which group? MARK ALL THAT APPLY. DO NOT PROBE.

**K18A1.** NOT HEARD OF A PARTICULAR GROUP [DO NOT READ]

**K18A2.** PREGNANT WOMEN OR WOMEN WHO MIGHT BECOME PREGNANT [DO NOT READ]

**K18A3.** NURSING MOTHERS [DO NOT READ]

**K18A4.** YOUNG CHILDREN [DO NOT READ]

**K18A5.** ELDERLY [DO NOT READ]

**K18A6.** COMPROMISED IMMUNE SYSTEM [DO NOT READ]

**K18A7.** OTHER RESPONSE [DO NOT READ] [SPECIFY: \_\_\_\_\_]

**K18A8.** NO PARTICULAR GROUP IS AT HIGHER RISK [DO NOT READ]

**K18A9.** DON'T KNOW

**K18A10.** REFUSED

**K19V1.** TR01, TR06, (modified to add "raw")

Have you heard or read about any possible health problems related to eating "raw" sprouts, such as alfalfa or bean sprouts?

1. YES
2. NO
3. NOT SURE
8. DON'T KNOW
9. REFUSED

[IF K19V1=1]

**K20V1.** TR01, TR06,

Do you recall what you heard about eating sprouts? [ACCEPT MULTIPLES]

K20V1a. DO NOT EAT RAW

K20V1b. COOK BEFORE EATING

K20V1c. RAW SPROUTS MAY CONTAIN HARMFUL GERMS (INCLUDE ANY MENTION OF E. COLI OR SALMONELLA OR LISTERIA)

K20V1d. COULD MAKE YOU SICK (INCLUDE – CAUSE AN OUTBREAK)

K20V1e. OTHER, SPECIFY

K20V1f. RECALLS NO ADVICE

K20V1g. DON'T KNOW

K20V1h. REFUSED

**K21V1.** NEW

**[IF K19V1=1]**

Have you heard of any particular group of people who are advised to be especially careful not to eat raw sprouts?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**K22V1.** NEW [IF K19V1 = 1] Which group? MARK ALL THAT APPLY. DO NOT PROBE.

**K22A1.** NOT HEARD OF A PARTICULAR GROUP [DO NOT READ]

**K22A2.** PREGNANT WOMEN OR WOMEN WHO MIGHT BECOME PREGNANT [DO NOT READ]

**K22A3.** NURSING MOTHERS [DO NOT READ]

**K22A4.** YOUNG CHILDREN [DO NOT READ]

**K22A5.** ELDERLY [DO NOT READ]

**K22A6.** COMPROMISED IMMUNE SYSTEM [DO NOT READ]

**K22A7.** OTHER RESPONSE [DO NOT READ] [SPECIFY: \_\_\_\_\_]

**K22A8.** NO PARTICULAR GROUP IS AT HIGHER RISK [DO NOT READ]

**K22A9.** DON'T KNOW

**K22A10.** REFUSED

## **SECTION L METHODS OF PRODUCING AND PROCESSING FOODS**

NOTE: May add questions about locally grown foods.

Next, I would like to ask your opinion about some ways food can be grown or processed.

[RANDOMIZE (L1&2 TOGETHER, L3& L4 TOGETHER, L5)]

**L1V2.** TR01, TR06 (Slightly modified for correctness.)

As you may know, some fruits and vegetables are produced by organic methods.

Using a 10-point scale, how well informed would you say you are about organically grown fruits and vegetables, if one means you are not at all informed about organically grown fruits and vegetables and ten means you are very well informed?

1 (NOT AT ALL INFORMED) 2 3 4 5 6 7 8 9 10 (VERY WELL INFORMED)

98. DON'T KNOW

99. REFUSED

**L2V2.** TR01, TR06

Do you buy organically grown fruits or vegetables?

1. YES
2. NO
3. SOMETIMES
8. DON'T KNOW



9. REFUSED

**L3V2.** TR01, TR06

Using a 10-point scale, how well informed would you say you are about irradiated [e-RAY-dee-A-ted] foods? (OPTIONAL: one means you are not at all informed about irradiated foods and ten means you are very well informed)

1 (NOT AT ALL INFORMED) 2 3 4 5 6 7 8 9 10 (VERY WELL INFORMED)

98. DON'T KNOW

99. REFUSED

**L4V2.** TR06

Have you seen any food labels indicating that the product was irradiated [e-RAY-dee-A-ted]?

1. YES

2. NO

8. DON'T KNOW

9. REFUSED

**L4AV2.** NEW.

Would you purchase foods that you knew had been irradiated?

1. YES

2. MAYBE

2. NO

8. DON'T KNOW

9. REFUSED

**L5V2.** TR01, TR06 (MODIFIED TO ADD "GMOs")

Some food products are being developed with the help of new scientific techniques. The general area is called "biotechnology" or "bioengineered foods" and includes tools such as genetic engineering. Sometimes these new foods are called "genetically modified" foods or GMOs. Using a 10-point scale, how well informed would you say you are about biotechnology? (OPTIONAL: if one means you are not at all informed about biotechnology and ten means you are very well informed.)

1 (NOT AT ALL INFORMED) 2 3 4 5 6 7 8 9 10 (VERY WELL INFORMED)

98. DON'T KNOW

99. REFUSED

**L5aV2.** NEW

Do you look for labels on foods you buy that tell you whether it is GMO free?

1. YES

2. NO

8. DON'T KNOW

9. REFUSED

[ASK L6 TO L17 SERIES IN SAME ORDER AS L1, L3, AND L5]

[IF L1= 1 - 2, SKIP L6 – L9]

**L6V2.** TR01, TR06

Do you think that organically grown fruits and vegetables are more likely or less likely to have harmful germs than those grown without using organic methods, or are they the same?

1. MORE LIKELY
2. LESS LIKELY
3. SAME
8. DON'T KNOW
9. REFUSED

**L7V2.** TR01, TR06

Do you think that organically grown fruits and vegetables are more likely or less likely to cause long term health problems than those grown without using organic methods, or are they the same?

1. MORE LIKELY
2. LESS LIKELY
3. SAME
8. DON'T KNOW
9. REFUSED

**L8V2.** TR01, TR06

How about the environment? Do you think that organically grown fruits and vegetables are more safe or less safe for the environment, or are they the same as those grown without using organic methods?

1. MORE SAFE
2. LESS SAFE
3. SAME
8. DON'T KNOW
9. REFUSED

**L9V2.** TR01, TR06

How about nutrition? Do you think that organically grown fruits and vegetables are more nutritious or less nutritious than those grown without using organic methods, or are they the same?

1. MORE NUTRITIOUS
2. LESS NUTRITIOUS
3. SAME
8. DON'T KNOW
9. REFUSED

[IF L3 = 1 - 2, SKIP L10 - L13]

**L10V2.**TR01, TR06

Do you think that irradiated fresh foods are more likely or less likely to have harmful germs than non-irradiated foods, or are they the same?

1. MORE LIKELY
2. LESS LIKELY
3. SAME
8. DON'T KNOW
9. REFUSED

**L11V2.TR01, TR06**

Do you think that irradiated fresh foods are more likely or less likely to cause long term health problems than non-irradiated foods, or are they the same?

1. MORE LIKELY
2. LESS LIKELY
3. SAME
8. DON'T KNOW
9. REFUSED

**L12V2.TR01, TR06**

How about the environment? Do you think that irradiated fresh foods are more safe or less safe for the environment, or are they the same as non-irradiated foods?

1. MORE SAFE
2. LESS SAFE
3. SAME
8. DON'T KNOW
9. REFUSED

**L13V2.TR01, TR06**

How about nutrition? Do you think that irradiated fresh foods are more nutritious or less nutritious than non-irradiated foods, or are they the same?

1. MORE NUTRITIOUS
2. LESS NUTRITIOUS
3. SAME
8. DON'T KNOW
9. REFUSED

[IF L5 = 1 OR 2, SKIP L14-L17]

**L14V2.TR01, TR06**

Do you think that bioengineered foods, GMOs, are more likely or less likely to have harmful germs than foods produced without bioengineering, or are they the same? (IF RESPONDENT ASKS WHETHER YOU ARE TALKING ABOUT GENETICALLY MODIFIED ORGANISMS OR FOODS, THE ANSWER IS "EITHER ONE".)

1. MORE LIKELY
2. LESS LIKELY
3. SAME
8. DON'T KNOW
9. REFUSED

**L15V2.TR01, TR06**

Do you think that bioengineered foods, GMOs, are more likely or less likely to cause long term health problems than foods produced without bioengineering, or are they the same?

1. MORE LIKELY

2. LESS LIKELY
3. SAME
8. DON'T KNOW
9. REFUSED

**L16V2.TR01, TR06**

How about the environment? Do you think that bioengineered foods, GMOs, are more safe or less safe for the environment, or are they the same as foods produced without bioengineering?

1. MORE SAFE
2. LESS SAFE
3. SAME
8. DON'T KNOW
9. REFUSED

**L17V2.TR01, TR06**

How about nutrition? Do you think that bioengineered foods, GMOs, are more nutritious or less nutritious than foods produced without bioengineering, or are they the same?

1. MORE NUTRITIOUS
2. LESS NUTRITIOUS
3. SAME
8. DON'T KNOW
9. REFUSED

## **SECTION S. MICROWAVE SAFETY**

This section is TR10

**S0AV1.** The next few questions ask about frozen food entrees, like frozen pizzas, pot pies, and TV dinners. How often do you prepare frozen food entrees in the microwave? Would you say...?

1. DAILY
2. WEEKLY
3. MONTHLY
4. LESS THAN ONCE A MONTH
5. NEVER [SKIP TO S3V1]
8. DON'T KNOW [SKIP TO S3V1]
9. REFUSED [SKIP TO S3V1]

**S1V1.** How often do you follow the instructions for frozen food entrees for heating them in the microwave? Would you say...?

1. ALWAYS
2. OFTEN
3. SOMETIMES, OR
4. NEVER
8. DON'T KNOW
9. REFUSED

**S1aV1.** NEW

When the instructions say to let food sit for a certain amount of time after it's cooked in the microwave, do you typically...

1. Ignore them because you can handle the hot dish
2. Ignore them because you are in a hurry to eat your meal
3. Wait the time so you can handle it without burning your hands
4. Wait the time to let it finish cooking?
5. OTHER.
8. DON'T KNOW
9. REFUSED

**S0V1.** Now I'm going to read you a statement. Please tell me whether you believe the statement is "True" or "False." If I do not follow the cooking instructions when preparing frozen food entrees containing meat or poultry, I could get sick.

1. TRUE
2. FALSE
8. DON'T KNOW
9. REFUSED

**S2V1.** Do you know the wattage of your microwave?

1. YES
2. NO
3. I DO NOT OWN A MICROWAVE
8. DON'T KNOW
9. REFUSED

**S2aV1** [IF S2V1=2,8,9] NEW

Do you know how to find the wattage of your microwave?

1. YES
2. NO
3. I DO NOT OWN A MICROWAVE
8. DON'T KNOW
9. REFUSED

**S3V1.** Of all the frozen food entrees containing meat or poultry, about how many of them contain meat or poultry that is already precooked? Would you say...?

1. All of them
2. Most of them
3. Some of them
4. None of them
5. DO NOT BUY
8. DON'T KNOW
9. REFUSED

**NEW SECTION O. MECHANICALLY TENDERIZED BEEF  
ENTIRE SECTION IS NEW**

- O1V2.** Have you heard of mechanically tenderized beef or steak? It is sometimes called needle tenderized beef.
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- O2V2.** Have you ever bought beef that was labeled as mechanically tenderized or needle tenderized?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- O3V2.** Would you say that mechanically tenderized beef is more likely, less likely, or has about the same likelihood of being contaminated with germs such as E. Coli as compared to regular beef?
1. More likely to be contaminated
  2. Less likely
  3. About the same
  3. DON'T KNOW
  4. REFUSED
- O4V2.** [If O2V2=1]  
Do you do any of the following things when preparing mechanically tenderized beef (YES/NO)
- A. Be sure to cook until the meat is well-done.
  - B. Use a food thermometer (IF YES)
    - a. What temperature do you cook it to?
  - C. Let the meet rest (sit without cutting) for 3 minutes after is it cooked.

### **SECTION M. FOOD ALLERGIES**

This section has been modified from 2001. Unless otherwise marked, questions are based on 2001 FSS and are TR06, TR10

- M1.** HP  
Now, [PAUSE] I'd like to ask if you have any current food allergies, or do you suspect you have a food allergy? [IF NEEDED: Do not count allergies you used to have but outgrew or were desensitized to]. [MARK YES IF RESPONDENT THINKS HE/SHE HAS A FOOD ALLERGY. IT IS NOT NECESSARY TO HAVE BEEN DIAGNOSED BY A DOCTOR. DO NOT COUNT ALLERGIES THAT OTHER HOUSEHOLD MEMBERS HAVE.]
1. YES
  2. NO OR NOT AWARE OF
  3. SOMEONE IN HOUSEHOLD DIED FROM FOOD ALLERGY (DIED: I'm very sorry to hear that. I won't be asking questions about that. PROCEED TO N0)
  8. DON'T KNOW
  9. REFUSED
- M4.** [IF M1 = 1, ELSE GO TO N0.]

What foods or food ingredients are you allergic to? I am going to read you a list. Please answer yes or no for each food category.

**M4A.** Are you allergic to any milk or dairy?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**M4B.** What about eggs?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**M4C.** Any type of fish or shellfish?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**M4D1.** [IF M4C=1, ELSE GO TO M4G1]

What type(s) of fish or shell fish are you allergic to?

Are you allergic to fish that have fins such as salmon, tuna, or cod?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**M4D2.** [IF M4C= 1, Else go to M4G1]

Are you allergic to shellfish? [IF NECESSARY: For example, shrimp, crabs, lobster, crayfish, crawfish, prawn, clams, oysters, scallops, mussels, squid, or snails]

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**M4E.** [IF M4d2=1, ELSE GO TO M4G1]

What type of shellfish are you allergic to? [DON'T READ, JUST CODE RESPONSE] [ACCEPT MULTIPLES]

**M4E1.** CRUSTACEANS (FOR EXAMPLE, SHRIMP, CRABS, LOBSTER, CRAYFISH, CRAWFISH, PRAWN)

**M4E2.** MOLLUSKS (FOR EXAMPLE, CLAMS, OYSTERS, SCALLOPS, MUSSELS, SQUID, SNAILS, CONCHES, OCTOPUS)

**M4E3.** OTHER

**M4E4.** DON'T KNOW

**M4E5.** REFUSED

[NEW STAND ALONE 2015]

**M4G1.** Are you allergic to peanuts?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

[NEW STAND ALONE 2015]

**M4G1a.** Are you allergic to tree nuts (IF NECESSARY: For example, almonds, cashews, pecans, walnuts, or brazil nuts) [DO NOT INCLUDE COCONUT – SEE BELOW FOR COCONUT]?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

[NEW STAND ALONE 2015]

**M4G1b.** Are you allergic to sesame seeds?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

[REVISED 2015]

**M4G.** Other than peanuts, tree nuts, and sesame seeds, are you allergic to any other type of nuts or seeds?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**M4H.** [IF M4G = 1, ELSE GO TO M4I]

What type of nuts or seeds are you allergic to? [DON'T READ LIST] [ACCEPT MULTIPLES]

**M4H1.** [REVISED TO M4G1]

**M4H2.** TREE NUTS (FOR EXAMPLE, ALMONDS, CASHEWS, PECANS, WALNUTS, BRAZIL NUTS)[DO NOT INCLUDE COCONUT – SEE M4H4A FOR COCONUT] [ALSO REVISED TO NEW STAND ALONE DIRECT M4G1A]

**M4H3.** [REVISED TO M4G1B]

**M4H4.** MUSTARD SEEDS

**M4H4A.** COCONUT

**M4H4B.** PINE NUTS

**M4H5.** OTHER SEEDS (SUCH AS SUNFLOWER, POPPY OR CARAWAY SEEDS)

**M4H6.** OTHER NUTS

**M4H7.** DON'T KNOW

**M4H8.** REFUSED

**M4I.** Are you allergic to wheat, gluten, corn, or other grains? (IF NECESSARY, which ones are you allergic to? ACCEPT MULTIPLES.)

**M4I1.** YES—WHEAT

**M4I2.** YES—GLUTEN

**M4I3.** YES—CORN

**M4I4.** YES—OTHER GRAINS



**M4I5.** NOT ALLERGIC TO WHEAT, CORN, GRAINS [DO NOT SELECT IF YES TO ANY M4I1-M4I4.]

**M4I6.** DON'T KNOW

**M4I7.** REFUSED

**M4J.** Are you allergic to any fruits or vegetables?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**M4K.** [IF M4J = 1, ELSE GO TO M4L1]

What type of fruits or vegetables are you allergic to? [ACCEPT MULTIPLES] [DON'T READ LIST]

**M4K1.**AVOCADO, KIWI, BANANA, CHESTNUT

**M4K2.**STRAWBERRY, CHERRY, PEACH, PEAR, PLUM, APPLE (ROSACEAE FAMILY)

**M4K3.**CELERY

**M4K4.**MUSTARD

**M4K5.**CORN

**M4K6.**OTHER FRUIT

**M4K7.**OTHER VEGETABLE

**M4K8.**DON'T KNOW

**M4K9.**REFUSED

[NEW STAND ALONE DIRECT 2015, PREVIOUSLY M4M5]

**M4L1.** Are you allergic to soy?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

[REVISED 2015]

**M4L2.** Other than soy, are you allergic to any other kind of beans or legumes [LE-GOOMS]?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**M4M.** [IF M4L2 = 1, ELSE GO TO M4N]

What kind of beans or legumes are you allergic to? [DON'T READ LIST] [ACCEPT MULTIPLES]

**M4M1.** ALL BEANS

**M4M2.** ALL LEGUMES

**M4M3.** LENTILS

**M4M4.** PEAS

**M4M5.** [REMOVED - REVISED TO M4L1]

**M4M6.** [REMOVED - REVISED TO M4G1]

**M4M7.** OTHER

**M4M8.** DON'T KNOW

**M4M9.** REFUSED

**M4N.** Are you allergic to any other foods?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**M4O.** [IF M4N=1, ELSE GO TO M5]

What else are you allergic to? [DON'T READ LIST] [ACCEPT MULTIPLES]

**M4O1.** CHOCOLATE

**M4O2.** SULFITES

**M4O3.** SPICES

**M4O4.** FOOD COLORS

**M4O5.** OTHER FOOD ADDITIVE: (SUCH AS ASPARTAME, NITRITE, OLESTRA)

**M4O6.** OTHER

**M4O7.** DON'T KNOW

**M4O8.** REFUSED

**M5.** How old were you when you first realized or suspected, or were told that you had a food allergy?  
[TO ANY FOOD. IF RESPONDENT SAYS DIFFERENT TIMES FOR DIFFERENT FOODS,  
ASK FOR THE FIRST KNOWN/SUSPECTED FOOD ALLERGY.]

1. LESS THAN ONE YEAR OLD
2. ONE - 2 YEARS OLD
3. 3 TO 5 YEARS OLD
4. 6 TO 9 YEARS OLD
5. 10 TO 14 YEARS OLD
6. 15 TO 19 YEARS OLD
7. 20 - 24 YEARS OLD
8. 25 - 29 YEARS OLD
9. 30 - 39 YEARS OLD
10. 40 - 49 YEARS OLD
11. 50 YEARS OR OLDER
98. DON'T KNOW
99. REFUSED

**M6.** HP

What kinds of reactions have you had to the food(s) you are allergic to? Please respond with yes or no to each item I read. [IF NECESSARY: This is for all of the foods you are allergic to. [INCLUDE REACTIONS FROM JUST TOUCHING THE FOOD] [REPEAT THE QUESTION AS NEEDED.]

**M6A.** Skin reaction, such as hives, itching, or redness [IF NECESSARY: AS A REACTION TO FOOD]

**M6B.** Swelling of face [IF NECESSARY: AS A REACTION TO FOOD]

**M6C.** Itchy lips or mouth, itchy throat [IF NECESSARY: AS A REACTION TO FOOD]

**M6D.** Throat tightness [IF NECESSARY: AS A REACTION TO FOOD]

**M6E.** Wheezing [IF NECESSARY: AS A REACTION TO FOOD]

**M6F.** Trouble breathing, shortness of breath, or coughing (IF NECESSARY: AS A REACTION TO FOOD)

**M6G.** Nasal congestion [IF NECESSARY: AS A REACTION TO FOOD]

**M6H.** Stomach pain or abdominal cramping [IF NECESSARY: AS A REACTION TO FOOD]

- M6I.** Vomiting or nausea [IF NECESSARY: AS A REACTION TO FOOD]
- M6J.** Diarrhea [IF NECESSARY: AS A REACTION TO FOOD]
- M6K.** Headache [IF NECESSARY: AS A REACTION TO FOOD]
- M6L.** Dizziness [IF NECESSARY: AS A REACTION TO FOOD]
- M6M.** Anaphylactic [ANA-FA-LAK-TIC] Shock [IF NECESSARY: Dangerous drop in blood pressure or near death experience] [IF NECESSARY: AS A REACTION TO FOOD]
- [NOT HP]
- M6N. Paleness or blueness of the skin
- M6P. Weak pulse or large drop in blood pressure

**M6N.** Did you have any other types of reactions?

1. YES
2. NO (GO TO M7)
8. DON'T KNOW
9. REFUSED

**M6NA.** [IF M6N = 1, ELSE GO TO M60]

What type of reaction did you have?

- M6NA1.** EDEMA/SWELLING (UNSPECIFIED)
- M6NA2.** LETHARGY/DROWSINESS
- M6NA3.** JOINT/MUSCLE PAIN OR WEAKNESS
- M6NA4.** CHEST PAIN
- M6NA5.** INCREASED HEART RATE
- M6NA6.** SNEEZING
- M6NA7.** SWELLING OF TONGUE/THROAT/MOUTH
- M6NA8.** SWELLING OF HANDS/FEET/LEGS
- M6NA9.** CONSTIPATION
- M6NA10.** SWELLING OF EYES
- M6NA11.** GAS/BLOATING
- M6NA12.** ITCHY EYES
- M6NA13.** NONE/NOTHING
- M6NA14.** OTHER (SPECIFY: \_\_\_\_\_)
- M6NA15.** DON'T KNOW
- M6NA16.** REFUSED.

**M6O.** HP

Has never had a reaction to the food(s).

1. YES

**M7.** HP

Has a medical doctor diagnosed your condition as a food allergy?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

[NEW 2015]

**M7A** [IF M7=1, ELSE GO TO M9]

What type of medical doctor diagnosed the condition as a food allergy? Was it a(an)-... [READ EACH OPTION FROM M7A1 THRU M7A6]

M7a1 Allergist,

1. YES [CATI PROGRAMMER USE SAME RESPONSE OPTIONS THRU M7a6]
2. NO
8. DON'T KNOW
9. REFUSED

M7a2 Family Physician,

M7a3 Pediatrician,

M7a4 Gastroenterologist

M7a5 Emergency physician,

M7a6 Any other type of doctor (SPECIFY: \_\_\_\_\_)

**M8.** How did the doctor make the diagnosis of a food allergy. [MARK ALL THAT APPLY. DO NOT READ RESPONSES IF RESPONDENT CAN ANSWER IMMEDIATELY WITHOUT THEM.] [CATI PROGRAMMER ENSURE OPTIONS M8A THRU M8K SHOW ON ONE PAGE]

**M8A.** SKIN TEST/ PIN PRICK/ SKIN SCRATCH TEST

**M8B.** RAST OR CAP-RAST OR BLOOD TEST

**M8C.** FOOD ELIMINATION

**M8D.** ORAL FOOD CHALLENGE

**M8E.** ON THE BASIS OF HISTORY [FOR EXAMPLE, DESCRIPTION OF THE FOOD(S) EATEN AND REACTIONS]

**M8I.** PHYSICAL EXAMINATION OF SYMPTOMS

**M8J.** ALLERGY SHOTS

**M8K.** ALLERGY TEST (UNSPECIFIED)

**M8F.** OTHER (SPECIFY:\_\_\_\_\_)

**M8G.** DON'T KNOW

**M8H.** REFUSED

- M9.** HP  
When was the last time you had an allergic reaction to food, or had symptoms you thought were caused by an allergic reaction to food? [PROBE: IF THE RESPONDENT DOES NOT REMEMBER A SPECIFIC INSTANCE OR DOES NOT REMEMBER THE DATE, ASK “Do you think it was more than a year ago, more than 5 years ago?” TRY TO GET RESPONSE INTO A CATEGORY. IF RESPONDENT HAS A NON-FOOD REACTION, DO NOT COUNT IT]
1. LESS THAN ONE MONTH
  2. ONE - 2 MONTHS
  3. 3 - 6 MONTHS
  4. 7 - 11 MONTHS
  5. 1 - 2 YEARS
  6. 3 - 5 YEARS
  7. 6 - 9 YEARS
  8. 10 – 14 YEARS
  9. 15 – 19 YEARS
  10. 20 YEARS OR MORE
  11. NEVER
  98. DON’T KNOW/ NOT SURE
  99. REFUSED
- M10.** [IF M9 = 1, 2, 3, 4, 5, OR 6, ELSE GO TO M11]  
How many total food allergic reactions have you had in the past 5 years? [INCLUDE REACTIONS TO ALL FOODS]  
\_\_\_\_\_ [NUMBER OF REACTIONS; ALLOW RANGE: 0-20]
98. DON’T KNOW
  99. REFUSED
- M11.**  
Have you been prescribed an epinephrine [EP - eh - NEF - rin] kit, such as EpiPen® for food allergies? (CLARIFY: THE QUESTION ASKS ABOUT HAVING A PRESCRIPTION, NOT ABOUT FILLING THE PRESCRIPTION. IF THE DOCTOR TOLD THEM TO GET EPINEPHRINE FOR FOOD ALLERGIES THEN MARK “YES”)
1. YES
  2. NO
  8. DON’T KNOW
  9. REFUSED
- M12.** HP  
[IF M9 = 1, 2, 3, 4, 5, OR 6, ELSE GO TO M18]  
Now, I just want to talk about your most recent food reaction. Was epinephrine [EP - eh - NEF - rin] used to treat this most recent reaction? [IT DOES NOT HAVE TO BE THE ALLERGIC PERSON’S EPI KIT - WE ARE INTERESTED IN ANY SOURCE OF EPINEPHRINE (AMBULANCE CREW, HOSPITAL, ER, ANOTHER’S KIT, ETC)]
1. YES
  2. NO
  8. DON’T KNOW
  9. REFUSED

- M13.** HP  
Were you treated in a hospital or doctor's office for this reaction? Which?
1. YES, HOSPITAL
  2. YES, DOCTOR'S OFFICE
  3. BOTH – HOSPITAL AND DOCTOR'S OFFICE
  4. NO
  8. DON'T KNOW
  9. REFUSED
- M14.** HP  
Did you have to stay overnight in the hospital?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- M15.** Thinking about the food that caused the reaction we were just talking about, was it [READ LIST]:
1. A packaged food eaten without further preparation, such as milk or cookies,
  2. A prepared packaged food from a mix, such as cake mix.
  3. A prepared food cooked or made at a home, restaurant, or other such place, or [COUNT ALL FOOD THAT HAS TO BE PREPARED IN ANY WAY. FOR EXAMPLE, A PIECE OF FISH OR SHRIMP COUNTS AS A PREPARED FOOD BECAUSE IT HAS TO BE COOKED.]
  4. A food that did not come in a package and was not prepared, such as a piece of fruit?
  8. DON'T KNOW
  9. REFUSED
- M16.** [IF M15 = 1 OR 2, ELSE SEE M17]  
Was the packaged food...?
1. A simple one made from one main ingredient and only a few additions, such as milk or peanut butter, or
  2. A complex one made from several ingredients, such as cookies, snack food, or ice cream?
  8. DON'T KNOW
  9. REFUSED
- M17.** [IF M15 = 2 OR 3, ELSE GO TO M18]  
Was the food prepared...?
1. At home
  2. At the home of a friend or relative, or
  3. In a restaurant, grocery store, bakery, or other such place?
  8. DON'T KNOW
  9. REFUSED

- M18.** How often do you read the ingredient lists on food packages to see if the food you are allergic to is in it?
1. Always
  2. Sometimes
  3. Rarely
  4. Never
  5. Only if the food is new to me.
  8. DON'T KNOW
  9. REFUSED
- M20.** TR01  
In the past year, have you bought for yourself or eaten a packaged food that you didn't know contained the food you are allergic to?
1. Yes
  2. Maybe
  3. No
  8. DON'T KNOW
  9. REFUSED
- M21.** [IF M20 = 1 OR 2, ELSE GO TO M22]  
Did this food cause you to have an allergic reaction?
1. Yes
  2. Maybe
  3. No
  8. DON'T KNOW
  9. REFUSED
- [TR 01, (M13b)]
- M22.** Some people who manage allergies say that they have problems using food labels to make safe food choices. Thinking of your own food allergy, how serious a problem is each of the following in choosing safe food for you?
- M22b.** Some ingredients lists are so long that it is hard to find the ingredient you are concerned about. For managing your allergy, how much of a problem is that? Would you say a...
1. Very serious problem
  2. A serious problem
  3. A minor problem
  4. Or not a problem at all
  5. NOT RELAVANT TO MY ALLERGY
  8. DON'T KNOW
  9. REFUSED

**M22c.** Different words for the food a person is allergic to are used on different food products. For managing your allergy would you say that is a (IF RESPONDENT NEEDS AN EXAMPLE: for example, using the terms whey or casein (kay seen) for milk.)

1. Very serious problem
2. A serious problem
3. A minor problem,
4. Or not a problem at all?
5. NOT RELEVANT TO MY ALLERGY
8. DON'T KNOW
9. REFUSED

**M22d.** Food labels do not always alert people that new ingredients have been added to a food, although they are stated in the ingredient list. For managing your allergy, how serious a problem is that? [INTERVIEWER NOTE: IF ASKED OR RESPONDENT SEEMS CONFUSED, SAY: BY ALERT PEOPLE, I MEAN PUT A STATEMENT ON THE FRONT THAT LETS YOU KNOW THE RECIPE HAS CHANGED, SUCH AS NEW TASTE OR IMPROVED.

1. Very serious problem
2. A serious problem
3. A minor problem,
4. Or not a problem at all?
5. NOT RELEVANT TO MY ALLERGY
8. DON'T KNOW
9. REFUSED

**M22e.** Some ingredient lists give a general name for an ingredient without specifying the source, such as natural flavors, spices, vegetable oil, or modified starch. For managing your allergy, how serious a problem is that? Would you say it's a:

1. Very serious problem
2. A serious problem
3. A minor problem,
4. Or not a problem at all?
5. NOT RELEVANT TO MY ALLERGY
8. DON'T KNOW
9. REFUSED

[NEW 2015]

**M23a.** Some food labels have statements on them such as *may contain or made on the same equipment as* the food you are allergic to. Statements like these are called Advisory Statements. Have you ever seen Advisory Statements on a food label? You can answer 'yes,' 'not sure,' or 'no.' [CATI PROGRAMMER AND INTERVIEWER PLEASE EMPHASIZE THE BOLDED ITALICIZED PHRASES]

1. YES
2. MAYBE/NOT SURE
3. NO [SKIP TO M23C]



8. DON'T KNOW
9. REFUSED

**M23b.** Have you ever eaten a food product that had an advisory statement on the label saying that the food ***may contain*** an ingredient you are allergic to? [CATI PROGRAMMER AND INTERVIEWER PLEASE EMPHASIZE BOLDED ITALICIZED WORDS]

1. YES [SKIP TO M23d]
2. MAYBE /NOT SURE
3. NO
8. DON'T KNOW
9. REFUSED

**M23c.** ***Would*** you eat a food product that had an advisory statement on the label saying that the food ***may contain*** an ingredient you are allergic to? [CATI PROGRAMMER AND INTERVIEWER PLEASE EMPHASIZE BOLDED ITALICIZED WORDS]

1. YES
2. MAYBE/NOT SURE
3. NO
8. DON'T KNOW
9. REFUSED

[SKIP IF M23A=3]

**M23d.** Have you ever eaten a food product that had an advisory statement on the label saying that the food was ***made on equipment that also processes products containing the food you are allergic to?*** [CATI PROGRAMMER AND INTERVIEWER PLEASE EMPHASIZE BOLDED ITALICIZED WORDS]

1. YES [SKIP TO M23f]
2. MAYBE/NOT SURE
3. NO
8. DON'T KNOW
9. REFUSED

**M23e.** ***Would you*** eat a food product that had this advisory statement on the label? [IF NEEDED: The food was ***made on equipment that also processes products containing the food you are allergic to;*** CATI PROGRAMMER AND INTERVIEWER PLEASE EMPHASIZE THE ITALICIZED STATEMENT]

1. YES
2. MAYBE/NOT SURE
3. NO
8. DON'T KNOW
9. REFUSED

[SKIP IF M23A=3]

**M23f.** Have you ever experienced an allergic reaction to a food that had an advisory statement on it?

1. YES
2. MAYBE/NOT SURE
3. NO
8. DON'T KNOW

9. REFUSED

**M24a.** Would you **eat** a food product that contains trace amounts of a food that you are allergic to if you could be assured that the amount of the allergen present in the food is only capable of triggering a mild allergic reaction, such as tingly lips or an itchy throat?

1. YES
2. MAYBE /NOT SURE
3. NO
8. DON'T KNOW
9. REFUSED

**M24b.** What if you could be assured that the trace amount of allergen in the food was ***not*** capable of triggering ***any*** allergic reaction? Would you eat the food product? [CATI PROGRAMMER AND INTERVIEWER PLEASE EMPHASIZE THE ITALICIZED STATEMENT]

1. YES
2. MAYBE/NOT SURE
3. NO
8. DON'T KNOW
9. REFUSED

**M24c.** Have you ever heard about the concept of ***threshold levels*** with regard to food allergies?

1. YES
2. MAYBE/NOT SURE
3. NO
8. DON'T KNOW
9. REFUSED

**M24d.** Do you think there can be a level of allergen in a food below which an allergic person would not have a reaction?

1. YES
2. MAYBE /NOT SURE
3. NO
8. DON'T KNOW
9. REFUSED

**M24f.** Have you ever experienced an allergic reaction to a food that you thought had only trace amounts of allergen in it?

1. YES [GO TO M24g]
2. MAYBE/NOT SURE [GO TO M24g]
3. NO [GO TO M24h]
8. DON'T KNOW
9. REFUSED

**M24g.** What level of allergic reaction have you had or do you think you had to a food that contained trace amounts of the food you are allergic to in it?

1. No reaction
2. Very mild reaction such as tingly lips or itchy throat
3. Medium level reaction such as throat tightening, shortness of breath, or hives
4. Severe reaction such as anaphylactic shock
8. DON'T KNOW
9. REFUSED

**M24h.** What level of allergic reaction do you think you would have to a food that contained trace amounts of the food you are allergic to in it?

1. No reaction
2. Very mild reaction such as tingly lips or itchy throat
3. Medium level reaction such as throat tightening, shortness of breath, or hives
4. Severe reaction such as anaphylactic shock
8. DON'T KNOW
9. REFUSED

## **SECTION N. HEALTH STATUS AND FOODBORNE ILLNESS EXPERIENCE**

**N0.** TR98 , TR10

Now I have a few questions about your health and experience with food poisoning. Of the following two statements, which one is closer to your view... (READ CODES 1 - 2) (ROTATE) (PROBE IF NECESSARY: Do you think that certain types of people have a higher risk of getting food poisoning, or do you think that all types of people have about the same, risk?)

1. Certain types of people have a higher risk of getting food poisoning. (GO TO N0a)  
OR
2. All types of people have about the same risk of getting food poisoning. (GO TO N1)
3. IT DEPENDS – CERTAIN TYPES OF PEOPLE ARE AT HIGHER RISK FOR SOME TYPES OF FOOD POISONING (GO TO N0a)
8. DON'T KNOW (GO TO N1)
9. REFUSED (GO TO N1)

[SELECT OPTION 3 IF RESPONDENT MENTIONS THAT SOME PEOPLE ARE AT HIGHER RISK FOR SOME TYPES OF FOOD POISONING. IF RESPONDENT SAYS IT DEPENDS WITHOUT CLARIFYING, THEN SELECT DON'T KNOW (OPTION 8).]

**N0A.** TR98, TR10[IF N0 = 1 or 3.]

What types of people do you think are more likely to get food poisoning? (PROBE ONCE ONLY): Any other? (DO NOT READ RESPONSES; ACCEPT MULTIPLE RESPONSES)

- N0A1.** INFANTS
- N0A2.** CHILDREN
- N0A3.** PREGNANT WOMEN
- N0A4.** ELDERLY PEOPLE
- N0A5.** PEOPLE WITH CERTAIN ILLNESSES
- N0A6.** IMMUNOCOMPROMISED
- N0A7.** CARELESS PEOPLE/PEOPLE WITH POOR FOOD HANDLING PRACTICES

- N0A8.** PEOPLE WHO EAT RISKY FOODS
- N0A9.** TEEN/YOUNG ADULTS.
- N0A10.** OTHER (SPECIFY:\_\_\_\_\_.)
- N0A11.** DON'T KNOW
- N0A12.** REFUSAL

- N1.** Modified TR01, TR06, TR10  
Have you been told by a doctor that you have either diabetes or reduced gastric acidity [a-SID-a-tee]?
1. YES, HAVE A CONDITION
  2. NO, DO NOT HAVE A CONDITION
  8. DON'T KNOW
  9. REFUSED
- N2.** Modified TR01, TR06, TR10  
I am going to read a list of health conditions. I don't need to know which condition you have, only whether you have been told by a doctor that you have any of the following conditions: liver disease, currently receiving chemotherapy or radiation therapy, HIV, AIDS, organ transplant, or a weakened immune system.
1. YES, HAVE A CONDITION
  2. NO, DO NOT HAVE A CONDITION
  8. DON'T KNOW
  9. REFUSED
- N2a.** NEW  
Do you take any prescription medications?
1. YES
  2. NO (Go To N3.)
  8. DON'T KNOW
  9. REFUSED
- NEW [If N2a =1]
- N2a1.** We are interested in knowing only about certain medications. Do you take:  
Any drugs to treat rheumatoid arthritis, ankylosing spondylitis, psoriasis, crohn's disease, or ulcerative colitis?
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- N2a2.** Any type of cancer chemotherapy drug? (YES/NO/DN/REF)
- N2a3.** Any type methotrexate used to treat cancer and other autoimmune diseases? (YES/NO/DN/REF)
- N2a4.** Any type of systemic corticosteroid or prednisone used to treat inflammatory conditions, cancer, or to prevent organ transplant rejection? (YES/NO/DN/REF)
- N2a5.** NEW  
Because of a health or physical problem, do you have ANY difficulty eating, like holding a fork, cutting food, or drinking from a glass?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**N3.** TR93, TR98, TR01, TR06, TR10 –slightly modified.

In the past month, have you or has anyone in your household had any kind of sickness that you thought might have been caused by eating spoiled or unsafe food? Don't include allergies or *intolerances* to food.

1. YES
2. NO
3. SOMEONE IN HOUSEHOLD DIED FROM FOODBORNE ILLNESS. READ: I'm very sorry to hear that. I won't be asking questions about that. I just have a few more before the interview is over (GO TO SECTION P)
8. DON'T KNOW
9. REFUSED

**N4.** [IF N3 = 2,8,9]

TR93, TR98, TR01, TR06, TR10

How about in the past year? Have you or has anyone in your household had any kind of sickness that you thought might have been caused by eating spoiled or unsafe food?

1. YES
2. NO (Go to Section P)
3. SOMEONE IN HOUSEHOLD DIED FROM FOODBORNE ILLNESS. READ: I'm very sorry to hear that. I won't be asking questions about that. I just have a few more before the interview is over (GO TO SECTION P)
8. DON'T KNOW (GO TO SECTION P)
9. REFUSED (GO TO SECTION P)

**N5.** If N3 or N4=1

TR93, TR98, TR01, TR06 , TR10

Was it you or someone else in your household who became sick?

1. RESPONDENT
2. ANOTHER HOUSEHOLD MEMBER (GO TO SECTION P)
3. BOTH (ASK SUBSEQUENT QUESTIONS ABOUT THE RESPONDENT)
4. SOMEONE IN HOUSEHOLD DIED FROM FOODBORNE ILLNESS. READ: I'm very sorry to hear that. I won't be asking questions about that. I just have a few more before the interview is over (GO TO SECTION P)
8. DON'T KNOW (GO TO SECTION P)
9. REFUSED (GO TO SECTION P)

**N7.** TR01 TR06, TR10[IF N5 = 1,3]

How soon after eating this food did **you** become sick? Would you say it was within days, hours, or minutes from eating the food or don't you know? [RECORD ANSWER]

1. DAYS
2. HOURS
3. MINUTES
8. DON'T KNOW
9. REFUSED

[IF N7 = DAYS]

**N7DAY.** How many days after eating the food did you become sick? [RANGE 1-21]

1. NEXT DAY  
\_\_\_\_\_ [REPORT WHOLE NUMBER]
96. IMMEDIATELY
98. DON'T KNOW
99. REFUSED

[IF N7 = HOURS]

**N7HR.** How many hours after eating the food did you become sick? [RANGE 1-72]

- \_\_\_\_\_ [REPORT WHOLE NUMBER]
96. IMMEDIATELY
98. DON'T KNOW
99. REFUSED

[IF N7 = MINUTES]

**N7MIN.** How many minutes after eating the food did you become sick? [RANGE 1- 90]

- \_\_\_\_\_ [REPORT WHOLE NUMBER]
96. IMMEDIATELY
98. DON'T KNOW
99. REFUSED

**N8.** TR93, TR01, TR10  
Did anyone report this illness?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**N8A.** TR01, TR06, TR10 [IF N8 = 1]  
Who did you report it to? [ALLOW MULTIPLE RESPONSES]

- N8A1.** A DOCTOR
- N8A2.** A HOSPITAL EMERGENCY ROOM
- N8A3.** THE LOCAL HEALTH DEPARTMENT
- N8A4.** GOVERNMENT AGENCY
- N8A5.** OTHER (SPECIFY: \_\_\_\_\_)
- N8A6.** DON'T KNOW
- N8A7.** REFUSED

**N8B.** TR01, TR06, TR10 [IF N8A4 = 1]  
Which government agency did you report it to? [ALLOW MULTIPLE RESPONSES]

- N8B1.** FDA
- N8B2.** USDA
- N8B3.** OTHER
- N8B4.** UNSPECIFIED GOVT AGENCY
- N8B5.** LOCAL HEALTH DEPARTMENT

**N8B6.** DON'T KNOW

**N8B7.** REFUSED

**N9.** TR93, TR01, TR06, TR10

Did see a doctor for this illness?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**N10.** TR93, TR01, TR06, TR10 [IF N9 = 1]

Did a doctor say it was food poisoning or foodborne illness?

1. YES
2. SAID IT MIGHT BE; POSSIBLY
3. NO
8. DON'T KNOW
9. REFUSED

**N11.** TR93, TR01, TR06, TR10

[IF N9 = 1]

Did a doctor or other health professional take a stool sample or a blood sample?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**N12.** NEW [IF N9=1]

Did the doctor give you the results of the lab test?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**N13.** NEW [If N12=1]

Did the lab test say that you had an infection?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**N14.** NEW [IF N13=1]

Do you remember the what the name of the bacteria or infection was?

RECORD ANSWER

**SECTION V. and P. DEMOGRAPHICS**

**[PROG.:V2. ONLY respondents reached via a landline number]**

V2. Now, I have a few questions for statistical purposes. Are there any telephone numbers in addition to [the telephone number being called] in your home that you receive calls on? Please exclude cell phone numbers or numbers used only for fax or computer.

Yes  
No  
DK/NS  
RF

**[IF V2=YES GO TO V2a**

**IF V2=( (No, DK/NS, OR RF) AND If SCR3a="cell also," )GO TO V4a. OTHERWISE, SKIP TO V3]**

**[PROG. ASK V2a: ASK V2a. to ONLY respondents reached via a landline number]**

V2a. Is this/Are these number(s) for ...

Home use  
Business and home use  
Business use only  
DK/NS  
RF

**[PROG. V4a : ASK IF SCR5='landline also,' OR IF V2='no/dk/ns/rf AND ROUTED TO V4A]**

V4a. Of all the telephone calls that you or your household receive, are all or almost all calls received on cell phones, some received on cell phones and some on regular phones, or very few or none received on cell phones?

All or almost all calls received on cell phones  
Some received on cell phones and some on regular phones  
Very few or none on cell phones  
DK/NS  
RF



V4b. Thinking just about the **landline** home phone, **not** your cell phone, if that telephone rang and someone was home, under normal circumstances, how likely would it be answered? Would you say extremely likely the landline would be answered, very likely, somewhat likely, somewhat unlikely or not at all likely the landline would be answer?

- Extremely likely that landline would be answered
- Very likely that landline would be answered
- Somewhat likely that landline would be answered
- Somewhat unlikely that landline would be answered
- Very unlikely that landline would be answered
- Not at all likely that landline would be answered
- DK/NS
- RF

P2. What is the zip code where you live?

V3. How many adults, age 18 and older, including yourself live in your household?

- NUMBER: \_\_\_\_\_ (RANGE: 1-15)
- DK/NS
- RF

P3. TR01, TR06, TR10

How many total people, including yourself, live in your household? (Range = 1-97)

IF P3 > or = 10 RECHECK THE QUESTION.

[INCLUDE: FOSTER CHILDREN, ROOMMATES OR HOUSEMATES, AND PEOPLE STAYING HERE LAST NIGHT WHO HAVE NOT PERMENANT PLACE TO STAY. THIS INCLUDES PEOPLE LIVING HERE MOST OF THE TIME WHLE WORKING, EVEN IF THEY HAVE ANOTHER PLACE TO LIVE. DO NOT INCLUDE: COLLEGE STUDENTS LIVING AWAY WHILE ATTENDING COLLEGE, PEOPLE IN A CORRECTIONAL FACILITY, NURSING HOME OR MENTAL HOSPITAL LAST NIGHT, ARMED FORCES PERSONNEL LIVING SOMEWHERE ELSE, PEPOLE WHO LIVE OR STAY AT ANOTHER PLACE MOST OF THE TIME.]

\_\_\_\_NUMBER

- 98. DON'T KNOW
- 99. REFUSED

P3B. Confirm number for P3.

- 1. YES
- 2. NO
- 8. DON'T KNOW
- 9. REFUSED

**P4.** [ASK IF P3 IS GREATER THAN 1, else skip to P5]  
How many of these people [in your household] are...

**P4A.** TR01, TR06, TT10  
Children younger than five years old?

\_\_\_\_\_ (Range = 0 to 20)

98. DON'T KNOW

99. REFUSED

[IF P4A > or = 10 CONFIRM ANSWER]

**P4B.** TR01, TR06, TR10  
Children between 5 and 18 years?

\_\_\_\_\_ (Range = 0 to 20)

98. DON'T KNOW

99. REFUSED

[IF P4B > or = 10 CONFIRM ANSWER]

**P4C.** TR01, TR06, TR10  
Adults 60 years of age or older?

\_\_\_\_\_ (Range = 0 to 20)

98. DON'T KNOW

99. REFUSED

[IF P4C > or = 10 CONFIRM ANSWER]

IF SUM P4A TO P4C >P3, READ FOLLOWING AND GO THROUGH P3 TO P4C SEQUENCE AGAIN:

**P4A1.** Confirm Number for P4a.

1. YES

2. NO

8. DON'T KNOW

9. REFUSED

**P4B1.** Confirm Number for P4b.

1. YES

2. NO

8. DON'T KNOW

9. REFUSED

**P4C1.** Confirm Number for P4c.

1. YES

2. NO

8. DON'T KNOW

9. REFUSED

The numbers are greater than the total number of people living in the household. Let's go back and refigure those numbers.

**P5.** TR88, TR93, TR98, TR01, TR06, TR10

What year were you born?

\_\_\_\_\_ (RANGE: 1900-1987)

8888 DON'T KNOW

9999. REFUSED

**P7.** TR06, TR10 [DON'T ASK IF S4b= 1 and P3 = 1]

Is anyone in your household pregnant?

1. YES

2. NO

8. DON'T KNOW

9. REFUSED

**P7A.** [IF P7 =1 and if S4b=2]

Are you pregnant or is it someone else?

1. RESPONDENT PREGNANT

2. SOMEONE ELSE

8. DON'T KNOW

9. REFUSED

**P8.** TR93, TR98, TR01, TR06, TR10

Are you Hispanic or Latino?

1. YES

2. NO

8. DON'T KNOW

9. REFUSED

**P8a.** NEW [IF P8=1]

Do you usually speak English, Spanish, or some other language at home?

1. ENGLISH

2. SPANISH

3. OTHER LANGUAGE

8. DON'T KNOW

9. REFUSED

**P9.** TR88, TR93, TR98, TR01, TR06, TR10

What is your race? Please select one or more. Are you...MARK ALL THAT APPLY [Read list P9A to P9E if needed. Don't read other categories.]

**P9A.** WHITE

**P9B.** BLACK OR AFRICAN AMERICAN

**P9C.** ASIAN

**P9D.** NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER

**P9E.** AMERICAN INDIAN OR ALASKA NATIVE?

**P9I.** DON'T KNOW

**P9J.** REFUSED

**P9a.** NEW.

Were you born in the United State or in another country?

1. UNITED STATES
2. ANOTHER COUNTRY
8. DON'T KNOW
9. REFUSED

[IF P9a=2]

**P9a1.** NEW

How old were you when you moved to the United States?

**P10.** TR88, TR93, TR98, TR01, TR06, TR10

What is the last grade or year of school that you have completed? [READ LIST IF NECESSARY]

1. LESS THAN HIGH SCHOOL DEGREE
2. 12 YEARS (HIGH SCHOOL GRADUATE OR GED)
3. 13-15 YEARS (1-3 YEARS COLLEGE (SOME COLLEGE))
4. 16 YEARS (COLLEGE GRADUATE (BACHELOR DEGREE OR EQUIVALENT))
5. (>16 YEARS) POSTGRADUATE, MASTER'S DEGREE, DOCTORATE, LAW DEGREE, OTHER PROFESSIONAL DEGREE [CLARIFY: THIS INCLUDES PEOPLE WORKING ON A GRADUATE DEGREE]
8. DON'T KNOW
9. REFUSED

**P11.** TR06, TR10

What is your current working status? Are you...

1. WORKING FULL-TIME FOR PAY
2. WORKING PART-TIME FOR PAY
3. EMPLOYED, BUT TEMPORARILY NOT WORKING (IF NECESSARY: LONG TERM LEAVE)
4. LOOKING FOR WORK
5. WORKING, BUT NOT FOR PAY
6. NOT WORKING AT A JOB OR BUSINESS AND NOT LOOKING FOR WORK/ RETIRED/ [DON'T READ: HOMEMAKER/ FULL TIME STUDENT]
8. DON'T KNOW
9. REFUSED

**P13.** TR06, TR10

Now, thinking of your households' total income from all sources before taxes, did your household earn \$20,000 or more last year?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

**P14.** TR98, TR01, TR06, TR10

[IF P13 = 1]

Which of the following categories best describes your total household income before taxes? Please, stop me when I read your category.

1. \$20,000 - \$30,000
2. \$30,000 - \$40,000
3. \$40,000 - \$50,000
4. \$50,000 - \$60,000
5. \$60,000 - \$70,000
6. \$70,000 - \$80,000
7. \$80,000 - \$90,000
8. \$90,000 - \$100,000
9. \$100,000 – 150,000
10. More than \$150,000
98. DON'T KNOW
99. REFUSED

Thank you much for your cooperation. We appreciate your taking the time to participate in our study. Those are all of the questions I have.