

## Attachment A

### 2009 FDA FOOD SAFETY SURVEY – CODEBOOK

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#### NOTES:

1. HP2010/HP2020 QUESTIONS ARE MARKED HP
2. TRACKING ITEMS FROM 1988, 1993, 1998, 2001, AND 2006 ARE MARKED (TR88, TR93, TR98, TR01, TR06)
3. “V” DENOTES A VERSIONED QUESTION
4. RESPONSES IN ALL CAPITAL LETTERS ARE NOT READ TO RESPONDENT
5. THERE IS NO SECTION I (eye)
6. ALL CHANGE FROM 2006 ARE IN TRACK CHANGES

Ir1. Participated in short survey

1. Yes

There are two version of the survey.

VRN.

1. Version 1
2. Version 2

There are two final weights for this survey:

FINALWT1: weight adjusted based on design weight & gender, education & race. (This is the weighting scheme used for previous Food Safety Surveys.)

FINALWT2: weight adjusted based on design weight & gender, education, race, and age. (First added in 2006)

#### **INTRODUCTION:**

Hi. My name is \_\_\_\_\_ and I’m calling on behalf of the U.S. Food and Drug Administration, (PAUSE) the FDA, a US government agency. We are doing a survey about your everyday food practices and your opinions about food issues. The survey is completely voluntary and your answers will be kept strictly confidential and you don’t have to answer any questions that you don’t want to.

(IF NECESSARY: The survey will take about 20 minutes.)

**S3.**

I need to speak with the household member, who is at least 18 years old and has had the most RECENT birthday? May I please speak to that person now?”

1. PASSED PHONE (YES SOMEONE ELSE GETS ON PHONE (READ INTRODUCTION WHEN THEY COME TO ) THE PHONE. THEN GO TO **S4b then R1)**

2. TARGET ON PHONE YES. THE SAME PERSON STAYS ON THE PHONE, CONTINUE WITH INTERVIEW.

S4b. GENDER

1. male
2. Female

**SECTION R PERSONAL RISK PERCEPTION**

To start off, I would like to ask...

**R1. TR06** you to rank four activities based on what you think is the most important for your personal health. The four activities are: wearing a seatbelt, avoiding second-hand cigarette smoke, engaging in physical activity, and washing your hands with soap before preparing a meal.

**R2A. TR06** Which one is **most important** to you for your health? (REPEAT LIST IF NECESSARY)

1. SEATBELT USE
2. AVOIDING SECOND-HAND CIGARETTE SMOKE
3. EXERCISE
4. HAND WASHING BEFORE PREPARING A MEAL:
8. DON'T KNOW
9. REFUSED

**R3B.** Which is the **next most important**? (REPEAT LIST IF NECESSARY)

1. SEATBELT USE
2. AVOIDING SECOND-HAND CIGARETTE SMOKE
3. EXERCISE
4. HAND WASHING BEFORE PREPARING A MEAL
8. DON'T KNOW
9. REFUSED

**R4C.** Next?

1. SEATBELT USE
2. AVOIDING SECOND-HAND CIGARETTE SMOKE
3. EXERCISE
4. HAND WASHING BEFORE PREPARING A MEAL
8. DON'T KNOW
9. REFUSED

**SECTION A RISK PERCEPTION**

**A1.** TR98, TR01, TR06

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

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

**A3.**

How common do you think it is for people in the United States to get food poisoning from eating food that has been recalled? Would you say that it is....

1. very common,
2. somewhat common, or
3. not very common?
8. DON'T KNOW
9. REFUSED

**A4.** TR01, TR98, TR06

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

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

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

A6. On a scale of 1 to 5, where 1 is strongly disagree and 5 is strongly agree, please rate the following statements.

A6a. I know how to cook food safely.

A6b. I feel confident that the food I eat is safe.

A6c. If I only eat food prepared in a sanitary manner, I can keep from getting food poisoning.

A6d. Luck plays a big part in determining how soon I will recover from an illness like food poisoning.

A6e. I am less likely to get sick from food than others in the United States.

A6f. I am interested in learning more about avoiding food poisoning.

A6g. Washing hands with soap before preparing food is important for preventing food poisoning.

A6h. Some recalled food can be made safe to eat.

A6i. I always understand why a food is being recalled.

A6j. I think that the government is doing enough to prevent food contamination.

A6k. I think that food manufacturers are doing enough to prevent food contamination.

A6l. A food is recalled only after people have gotten sick.

A6m. Organic foods are less likely to be recalled than non-organic foods

A6n. Locally grown foods are less likely to be recalled than non-locally grown foods.

## SECTION C ALLERGEN AND GLUTEN SCREENERS

### **C1V2. TR06**

Have you heard of gluten (GLUE-tin) or gluten-free (GLUE-tin)?

1. Yes
2. No
8. Don't know
9. Refused

### **C2V2. TR06 [IF C1V2=1]**

Which of the following best describes gluten (GLUE-tin)? I am going to read three definitions. Please tell me which one you think it is. (ROTATE RESPONSE OPTIONS)

1. Proteins in certain grains that are harmful to some people.
2. Pesticide used in food production
3. Chemical flavor enhancer

8. DON'T KNOW
9. REFUSED

**C3V2.** TR06 [IF C1V2=1]

Do you avoid foods that contain gluten (GLUE-tin)?

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

## **SECTION D FOOD HANDLING PRACTICES**

Now, I have some questions about cooking at home.

**D1.** TR93-TR06

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 E9V1 (if in version 1) or E14V2 (if in version 2)]

**D2.** TR93-TR06

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

There is no question D3

**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[V] = 3 OR 8 OR 9 GO TO D9]

**D5.** Tr98, TR01, TR06

[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

[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

**D7.** TR98, TR01, TR06

[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

[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

**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[V] = 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

**D11a1.**

IF IT WAS NECESSARY TO CLARIFY THE MEANING OF "CONTINUE COOKING" ENTER CODE 1, OTHERWISE ENTER CODE 2

1. READ CLARIFICATION INSTRUCTION
2. DID NOT READ CLARIFICATION INSTRUCTION

**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

**D12a1.**

IF IT WAS NECESSARY TO CLARIFY THE MEANING OF "CONTINUE COOKING" ENTER CODE 1, OTHERWISE ENTER CODE 2

1. READ CLARIFICATION INSTRUCTION
2. DID NOT READ CLARIFICATION INSTRUCTION

**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

**D13a.**

IF IT WAS NECESSARY TO CLARIFY THE MEANING OF "CONTINUE COOKING" ENTER CODE 1, OTHERWISE ENTER CODE 2

1. READ CLARIFICATION INSTRUCTION
2. DID NOT READ CLARIFICATION INSTRUCTION

**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
5. USE A DIFFERENT BOARD
6. DON'T CUT RAW MEAT OR POULTRY
7. OTHER
98. DON'T KNOW
99. REFUSED

**D14CLASS.** Classification of other specify response.

1. Verbatim coded in precode.
2. Verbatim coded in new code.
3. Verbatim coded in other.

(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/WIPE IT
3. WASH WITH SOAP
4. WASH WITH BLEACH
5. USE DIFF BOARD
6. DON'T CUT
7. OTHER (THAT WERE NOT CODED INTO A PRECODE OR NEW CODE)
98. DON'T KNOW
99. REFUSED

(Raw fish cooks who are not raw meat cooks)

**D16. HP** [ASK IF D6 = 1 and D8 = 0, 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
5. USE A DIFFERENT BOARD
6. DON'T CUT RAW FISH OR SHELLFISH
7. OTHER.
98. DON'T KNOW
99. REFUSED

**D17. NEW** [IF D8 = 1]

After you have used a knife for cutting raw meat or chicken, do you use it as it is to cut other foods to be eaten raw for the same meal, such as fruits or vegetables, or do you first rinse it, or wipe it, or wash it with soap? INTERVIEWER NOTE: 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/DISINFECT
5. USE DIFFERENT KNIFE
6. DON'T CUT RAW MEAT OR CHICKEN

7. ALWAYS CUT FRUIT/VEGETABLES FIRST
8. OTHER
98. DON'T KNOW
99. REFUSED

**D18. NEW** [ASK IF D6 = 1]

After you have used a knife for cutting raw fish or shellfish, do you use it as it is for other food to be eaten raw for the same meal, such as fruits and vegetables, or do you first rinse it, wipe it, or wash it with soap? INTERVIEWER NOTE: 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/DISINFECT
5. USE DIFFERENT KNIFE
6. DON'T CUT RAW FISH OR SHELLFISH
7. ALWAYS CUT FRUIT/VEGETABLES FIRST
8. OTHER.
98. DON'T KNOW
99. 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]

E2a. E3.Tr88, TR01 (ASK IF E1=1-3) How do you usually refrigerate the large pot of soup or stew? Do you

1. Leave it in the cooking pot
2. Put it in one deep container
3. Put it in one shallow container, or
4. Divide it into several smaller containers?
8. DON'T KNOW
9. REFUSED

(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]
6. DON'T KNOW [DO NOT READ]
7. REFUSED [DO NOT READ]

(Fish cooks who do not cook meat)

**E4.** HP [IF D5 = 1 AND D7 = 0, 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]

E5a. TR 88, TR01. (ASK IF E3=1-3 OR E4=1-3).

How do you usually refrigerate a large pot of soup or stew made with fish?  
Do you...

1. Leave it in the cooking pot
2. Put it in one deep container
3. Put it in one shallow container, or
4. Divide it into several smaller containers?
8. DON'T KNOW
9. REFUSED

**E6.** TR01, TR06

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)

**E7.** TR01, TR06 [IF E6=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

**E8.** TR01, TR06 [IF E7=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

The Fruit and Vegetable washing questions have been modified.

**E9V1.** TR06 Do you ever buy bagged, pre-cut lettuce? IF NECESSARY: WE ARE TALKING ABOUT BAGGED

SALAD

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

9. REFUSED

**E10V1. TR06**

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

**E10V1a. TR06**

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. Only some of them,
4. None of them
8. DON'T KNOW
9. REFUSED

**E11V1. TR06**

Do you ever buy tomatoes?

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

**E12V1. TR01, TR06**

[IF E11V1=1]

Do you usually wash or rinse tomatoes before you prepare or eat them?

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

**E13V1. TR06 [IF E12V1=1]**

What methods do you use to wash or rinse tomatoes? Please choose one or more. Do you... ACCEPT MULTIPLES [NOTE: IF SAY THEY USE A COLANDER, "Using your colander, do you (READ THE ANSWERS AGAIN)]

E13V1\_1. Rub them under running water, with a brush, cloth or your hands

E13V1\_2. Hold under running water, without rubbing them, or

E13V1\_3. Soak them in a container of water, or do you

- E13V1\_4. Use any type of cleaner to wash tomatoes?  
E13V1\_5. DON'T KNOW  
E13V1\_6. REFUSED

**E13V1A. TR06 [IF E13V1\_4 =1]**

What type of cleaner do you use? [CHECK ANY MENTION OF THE FOLLOWING. ACCEPT MULTIPLES]

- E13V1a1. OTHER –HAND SOAP  
E13V1a2. OTHER--DISH SOAP  
E13V1a3. OTHER—VINEGAR  
E13V1a4. OTHER—CLOROX  
E13V1a5. OTHER—PRODUCE CLEANER  
E13V1a6. OTHER—OTHER  
E13V1a7. OTHER—DON'T KNOW  
E13V1a8. OTHER –REFUSED

**E14V2. TR06**

Do you ever buy cantaloupe?

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

**E15V2.TR01, TR06 [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

**E16V2. TR06 [IF E15V2=1]**

Do you use any of these methods to wash or rinse cantaloupe? Please choose one or more. Do you...  
[ACCEPT MULTIPLES]

- E16V2\_1. Rub them under running water, with a brush, cloth or your hands  
E16V2\_2. Hold under running water, without rubbing them, or  
E16V2\_3. Soak them in a container of water, or do you  
E16V2\_4. Use any type of cleaner to wash tomatoes?  
E16V2\_5. DON'T KNOW  
E16V2\_6. REFUSED

**E16V2E. TR06 [IF E16V2\_4=1]**

What type of cleaner do you use? [CHECK ANY MENTION OF THE FOLLOWING. ACCEPT

MULTIPLES]

- E16V2a1. OTHER –HAND SOAP
- E16V2a2. OTHER--DISH SOAP
- E16V2a3. OTHER—VINEGAR
- E16V2a4. OTHER—CLOROX
- E16V2a5. OTHER—PRODUCE CLEANER
- E16V2a6. OTHER—OTHER
- E16V2a7. OTHER—DON'T KNOW
- E16V2a8. OTHER –REFUSED

**E17V2. TR06**

Do you ever buy strawberries?

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

**E18V2. TR01, TR06 [IF E17V2=1]**

Do you usually wash or rinse strawberries before you prepare or eat them?

- 1. YES
- 2. NO
- 3. NEVER PREPARE STRAWBERRIES
- 8. DON'T KNOW
- 9. REFUSED

**E19V2. TR06 [IF E18V2=1]**

Do you use any of these methods to wash or rinse strawberries? Please choose one or more. Do you...  
ACCEPT MULTIPLES [NOTE: IF SAY THEY USE A COLANDER, "Using your colander, do you  
(READ THE ANSWERS AGAIN)]

- E19V2\_1. Rub them under running water, with a brush, cloth or your hands
- E19V2\_2. Hold under running water, without rubbing them, or
- E19V2\_3. Soak them in a container of water, or do you
- E19V2\_4. Use any type of cleaner to wash tomatoes?
- E19V2\_5. DON'T KNOW
- E19V2\_6. REFUSED

**E19V2A. TR06 [IF E19V2\_4=1]**

What type of cleaner do you use? [CHECK ANY MENTION OF THE FOLLOWING. ACCEPT MULTIPLES]

- E19V2a1. OTHER –HAND SOAP
- E19V2a2. OTHER--DISH SOAP



- E19V2a3. OTHER—VINEGAR
- E19V2a4. OTHER—CLOROX
- E19V2a5. OTHER—PRODUCE CLEANER
- E19V2a6. OTHER—OTHER
- E19V2a7. OTHER—DON'T KNOW
- E19V2a8. OTHER—REFUSED

E20V1. NEW

Have you ever seen health inspection scores posted at a restaurant?

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

E21V1. NEW (IF E20V1=1)

How important are health inspection scores for your decision on which restaurant to eat in?  
(SCALES?)

- 1. Very important
- 2. Somewhat important
- 3. Not very important
- 8. DON'T KNOW
- 9. REFUSED

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

**F1. Tr93, TR98, TR01, TR06**

Have you ever heard of Salmonella (sal- mon - ELL - la) as a problem in food? [NOTE: IF THE RESPONDENT HAS HEARD OF SALMONELLA, , CODE AS "NO"]

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

**F2V1.TR93, TR98, TR01, TR06**

How do you think a food can be made safe if it has salmonella (sal - mon - ELL - la) in it? Would you say by... (ACCEPT MULTIPLES. READ ENTIRE LIST WITHOUT ASKING EACH ITEM SEPARATELY. DO NOT PROBE.) (CHECK CODING HERE)

- F2v1\_1. Cooking it
- F2v1\_2. Washing it
- F2v1\_3. Freezing it,
- F2v1\_4. Adding vinegar or lemon juice, or
- F2v1\_5. would you say the food cannot be made safe [PLEASE READ THIS OUT LOUD]
- F2v1\_6. DON'T KNOW

F2v1\_7. REFUSED

**F3V2.** TR06 Do you think a food can be made safe if it has salmonella in it by (ROTATE RESPONSE OPTIONS 1-4, #5 IS ALWAYS LAST...) (EACH RESPONSE SHOULD HAVE A YES/NO ANSWER.)

1. Cooking it (YES/NO/DON'T KNOW/REFUSED)
2. Washing it (YES/NO/DON'T KNOW/REFUSED)
3. Freezing it, (YES/NO/DON'T KNOW/REFUSED)
4. Adding vinegar or lemon juice, (YES/NO/DON'T KNOW/REFUSED)
5. or, Do you think the food can not be made safe? (YES/NO/DON'T KNOW/REFUSED) (ONLY GET THIS RESPONSE IF NO TO 1-4))

**F4.** TR01, TR06

[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

[ROTATE F5V1 and F6V1]

**F5V1.** Tr93, TR98, TR01, TR06

[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

**F6V1.** TR93, TR98, TR01, TR06

[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

[ROTATE F7V2 and F8V2]

**F7V2.** TR93, TR98, TR01, TR06

[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

**F8V2.** TR93, TR98, TR01, TR06

[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

[ROTATE F10A- F10G]

**F10A.** TR98 , TR01, TR06

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.)

First, 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**

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.

**F10E**

If you do not wash bagged, precut lettuce before you eat it, how likely are you to get sick? IF NECESSARY: Where 1 is not at all likely and 5 is very likely.

**F10F NEW**

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.

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## SECTION H THERMOMETERS

NOTE: THE REFRIGERATOR THERMOMETER QUESTIONS ARE MODIFIED FROM 2001

**H1. TR06** How important is it to know the specific temperature in degrees that your refrigerator is set at?  
Would you say...

1. Very important
2. Somewhat important
3. Not important at all.
8. DON'T KNOW
4. REFUSED

**H2.** TR01 modified, TR06

Does your refrigerator have a built-in thermometer that tells you the temperature in degrees Fahrenheit?

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

**H2a.** TR01 modified, TR06 [IF H2 =0, 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

**H3.** TR06 [IF H2=1 OR H2a=1]

[RANGE FOR FAHRENHEIT: 0 - 100]

[RANGE FOR CELCIUS: 0 - 20]

What is the temperature, in Fahrenheit, of your refrigerator? SPONDENT ANSWERS IN CELCIUS, PLEASE REPORT IN CELCIUS]

H3F. . \_\_\_\_\_ DEGREES FARENHEIT [PLEASE HAVE FARENHEIT COME UP FIRST IN THE CATI PROGRAM]

H3c.. \_\_\_\_\_ DEGREES CELCIUS

8. DON'T KNOW
9. REFUSED

**H4.** TR06 [IF H2=1 OR H2a=1]

How often do you check the temperature of your refrigerator? Would you say...

1. Daily
2. Weekly

3. Monthly
4. Yearly, or
5. Never
8. DON'T KNOW
9. REFUSED

**H5. TR06** How important do you think it is to use a **food** thermometer when cooking? Would you say...

1. Very important
2. Somewhat important
3. Not important at all
8. DON'T KNOW
9. REFUSED

**H6. TR98, TR01, TR06**

Do you have a food thermometer, such as a meat thermometer?

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

**H7A. TR98, TR01, TR06 [IF H6=1 THEN H7A-H]**

What type of food thermometer do you have? I'm going to read a list of types of food thermometers; please tell me whether you have each. Do you have . . .

The kind that stays in the food while it cooks, and is used for large pieces of meat. (IF NECESSARY: Has large dial)

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

**H7B.**

A small instant read thermometer that you insert in the food to check for doneness

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

**H7B1. [IF H7B=1]**

Is it digital or dial?

1. DIGITAL
2. DIAL
3. BOTH

8. DON'T KNOW
9. REFUSED

**H7C.**

A barbecue fork that indicates how done the food is?

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

**H7D. DOES THE RESPONDENT HAVE ANOTHER TYPE OF THERMOMETER.**

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

Some other type? What? [ACCEPT MULTIPLES IF YES. "NO" SHOULD BE SINGLE RESPONSE OPTION]

H7D1. YES -- DISPOSABLE INDICATOR THAT YOU USE ONCE AND THEN THROW AWAY, FOR EXAMPLE, T- STICKS, SENSOR STICKS

H7D2. YES -- A MICROWAVE PROBE

H7D3. YES-- THE TYPE THAT STAYS IN THE FOOD AND HAS A WIRE THAT COMES OUT OF THE OVEN , OVEN PROBE)

H7D4. YES --- A CANDY THERMOMETER

H7D5. YES --- A POP-UP THERMOMETER USED IN TURKEYS AND CHICKENS

H7D6. YES – OTHER TYPE

H7D7. NO

H7D8. DON'T KNOW

H7D9. REFUSED

[IF D8= 1 and H6=1, THEN H8A-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**

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

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

**H8C. TR01, TR06**

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

**SECTION I SOURCES OF INFORMATION**

I1. On a scale of 1 to 5 where 1 is not credible and 5 is very credible, How credible do you think the following sources of information about food safety are: (rotate list)

- I1a. Government website
- I1b. TV and radio news
- I1c. TV shows like Oprah
- I1d. Cooking shows on TV
- I1e. Friends and family

- I1f. Doctors or other health care providers
- I1g. Cookbooks
- I1h. Magazines
- I1i. Cooking classes

I2. In the past year, have you gotten any information about food safety from: (rotate list)

- I2a. Government website such as FDA, USDA, or CDC
- I2b. TV and radio news
- I2c. TV shows like Oprah
- I2d. Newspapers
- I2e. Cooking shows on TV
- I2f. Friends and family
- I2g. Doctors or other health care providers
- I2h. Cookbooks
- I2i. Magazines
- I2h. Cooking classes
- I2j. Other internet sites such as blogs, facebook, myspace, twitter?

### SECTION J FOOD CONSUMPTION HABITS

**J1.** HP, TR98, TR01, TR06 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?

**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
- J1F4. YES -- RAW CRAB
- J1F5. YES -- OTHER

- 6. NO
- 8. DON'T KNOW
- 9. REFUSED

**J2a. TR06**

In the past 12 months, have you eaten any Mexican-style cheeses, such as *queso fresco* or *queso blanco*?

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

**J2b. TR06 [IF J2a=1]**

Were the Mexican-style cheeses that you ate **homemade or store-bought**?

- 1. HOMEMADE
- 2. STORE-BOUGHT
- 3. BOTH HOMEMADE and STORE-BOUGHT
- 8. DON'T KNOW
- 9. REFUSED

**J2c. NEW**

In the past 12 months, did you drink any raw or unpasteurized milk? This type of milk is often sold off-the-farm or door-to-door.

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

**J2c. TR06**

In the past 12 months, have you eaten any cheese made from unpasteurized milk? This type of cheese is often homemade or sold off-the-farm or door-to-door.

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

**J3. TR01, TR06**

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

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?

**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?

- J411. MAYONNAISE MADE WITH RAW EGG
- J412. RAW EGGS BY THEMSELVES
- J413. OTHER
- J414. DON'T KNOW
- J415. REFUSED

**J5V1.** TR01, TR06

In the past 12 months, did you eat any hot dogs without cooking them; that is straight from the package?

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

**J6V2.** TR06

In the past 12 months, did you serve any hot dogs without cooking them; that is straight from the package?

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

**J7. TR01, TR06** Think about the last time you bought lunch meat or deli meat. [PAUSE] After opening the package, how long did you keep it in your refrigerator and still eat it? (THIS IS A NEW QUESTION, BASED ON ONE FROM 2001) [DO NOT READ LIST]

- 1. 1 DAY OR LESS OR ATE RIGHT AWAY [DO NOT READ]
- 2. 2 DAYS [DO NOT READ]
- 3. 3 DAYS [DO NOT READ]
- 4. 4 DAYS [DO NOT READ]
- 5. 5 DAYS [DO NOT READ]
- 6. 6 - 7 DAYS/ A WEEK [DO NOT READ]
- 7. 8 DAYS - 2 WEEKS [DO NOT READ]
- 8. MORE THAN 2 WEEKS - 3 WEEKS [DO NOT READ]
- 9. MORE THAN 3 WEEKS- 4 WEEKS [DO NOT READ]
- 10. MORE THAN 4WEEKS [DO NOT READ]
- 11. DO NOT BUY THE FOOD/DO NOT EAT THE FOOD [DO NOT READ]
- 98. DON'T KNOW [DO NOT READ]
- 99. REFUSED [DO NOT READ]

**SECTION K FOOD ADVISORIES**

**K1V1.** TR01, TR06

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

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

**K2V1.** TR01, TR06

[IF K1V1=1]

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

K2V1a. DO NOT EAT RAW/ COOK BEFORE EATING [DO NOT READ]

K2V1b. RAW SPROUTS MAY CONTAIN HARMFUL GERMS (ANY MENTION OF E. COLI OR

SALMONELLA) [DO NOT READ]

K2V1c. OTHER [DO NOT READ]

K2V1d. RECALLS NO ADVICE [DO NOT READ]

K2V1e. DON'T KNOW [DO NOT READ]

K2V1f. REFUSED [DO NOT READ]

**K6V1.** TR06 In the past year have you eaten any seafood? By seafood we mean all fish and shellfish including tuna fish, fish sticks, and shrimp that you may have eaten.

1. Yes (GO TO K8)
2. No (GO TO K7)
8. DON'T KNOW (GO TO K9V1 AND SKIP K13V1)
9. REFUSED (GO TO K9V1 AND SKIP K13V1)

**K7V1.** CLASSIFICATION OF OTHER SPECIFY RESPONSES FOR K7V1.

1. Vb coded in precode
2. Vb coded in new code
3. Coded in Other

Why have you not eaten seafood in the past year?

K7V1a. VEGETARIAN (GO TO K9V1, SKIP K13V1) [DO NOT READ]

K7V1b. DON'T LIKE TASTE OF SEAFOOD/FISH/SHELLFISH (GO TO K9V1, SKIP K13V1) [DO NOT READ]

K7V1c. FISH OR SHELLFISH TOO EXPENSIVE (GO TO K9V1, SKIP K13V1) [DO NOT READ]

K7V1d. ALLERGIC TO ALL OR SOME SEAFOOD (GO TO K9V1, SKIP K13V1) [DO NOT READ]

K7V1e. SOMEONE IN FAMILY ALLERGIC TO ALL OR SOME SEAFOOD (GO TO K9V1, SKIP K13V1) [DO NOT READ]

K7V1f. MERCURY HEALTH CONCERN (INCLUDES METHLY MERCURY) (GO TO K9V1, SKIP K13V1) [DO NOT READ]

K7V1g. OTHER HEALTH CONCERNS WITH FISH (INCLUDES: PCBs, DIOXIN, VIBRIO'S, GERMS, PESTICIDES, SPOILAGE, CHEMICALS) (GO TO K9V1, SKIP K13V1) [DO NOT READ]

K7V1H. OTHER. SPECIFY (GO TO K9V1, SKIP K13V1) [DO NOT READ]  
K7V1I. DON'T KNOW (GO TO K9V1, SKIP K13V1) [DO NOT READ]  
K7V1J. REFUSED (GO TO K9V1, SKIP K13V1) [DO NOT READ]  
K7V1k. NO REASON/ DON'T BUY/COOK SEAFOOD  
K7V1L. NOT AVAILABLE  
K7V1M. EAT ONLY SEAFOOD IN A RESTAURANT  
K7V1N. DO EAT FISH  
K7V1O. OTHER DIETARY REASONS  
K7V1P. NONE/NOTHING

**K8V1.** TR06 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

K8a. NEW.

In the past year, how often did you eat fish or shellfish? [ALLOW THE RESPONDENT TO ANSWER IN TIMES PER WEEK OR TIMES PER MONTH]

1. \_\_\_\_\_TIMES PER WEEK
2. \_\_\_\_\_TIMES PER MONTH
8. DON'T KNOW
9. REFUSED

**K9V1.** TR06 Have you heard about any health benefits from eating seafood?

1. YES (Next question)
2. NO (GO TO K11)
8. DON'T KNOW (GO TO K11)
9. REFUSED (GO TO K11)

K10V1cls. Classification of other specify responses for K10V1.

1. Vb coded in precode
2. Vb coded in new code
3. Coded in Other

**K10V1.** TR06 What benefits have you heard of? ACCEPT MULTIPLES (IF NECESSARY: Anything else?)

K10V1a. GENERALLY HEALTHY[DO NOT READ]  
K10V1b. LOW FAT[DO NOT READ]  
K10V1c. BRAIN FOOD[DO NOT READ]  
K10V1d. HEART HEALTHY[DO NOT READ]  
K10V1e. OMEGA-3 FATTY ACIDS[DO NOT READ]  
K10V1f. CHOLESTEROL LOWERING [DO NOT READ]  
K10V1g. OTHER. (Have interviewer record other answers) [DO NOT READ]

- K10V1h. DON'T KNOW
- K10V1i. REFUSED
- K10V1j. PROVIDES VITAMINS/MINERALS
- K10V1k. ANTI-OXIDANT/GOOD FOR SKIN
- K10V1l. LOW CALORIE/AIDS IN WEIGHT LOSS
- K10V1m. PROTEIN/HIGH PROTEIN
- K10V1n. OIL/FISH OIL
- K10V1o. IODINE
- K10V1p. GOOD FOR BLOOD PRESSURE
- K10V1q. PREVENTS/REDUCES RISK OF CANCER
- K10V1r. NUTRITIOUS
- K10V1s. GOOD FOR EYES
- K10V1t. LOW CARBOHYDRATE
- K10V1u. GOOD FOR BONES/ARTHRITIS
- K10V1v. CONCERN
- K10V1w. NONE
- K10V1x. EASY TO DIGEST
- K10v1y. INCREASES ENERGY

**K11V1.** TR06 Have you heard about any health concerns with eating seafood?

- 1. YES
- 2. NO (GO TO K13)
- 8. DON'T KNOW (GO TO K13)
- 9. REFUSED (GO TO K13)

K12V1cls. Classification of other specify for K11V1.

- 1. Vb coded in precode
- 2. Vb coded in new code
- 3. Coded in Other

**K12V1.** TR06 What health concerns with seafood have you heard of? ACCEPT MULTIPLES (IF NECESSARY: Any thing else?)

- K12V1a. MERCURY / METHYL MERCURY [DO NOT READ]
- K12V1b. PCBs [DO NOT READ]
- K12V1c. DIOXIN [DO NOT READ]
- K12V1d. VIBRIOS, [DO NOT READ]
- K12V1e. HEPATITIS [DO NOT READ]
- K12V1f. GERMS [DO NOT READ]
- K12V1g. PESTICIDES [DO NOT READ]
- K12V1h. SPOILAGE[DO NOT READ]
- K12V1i. PBDEs or FLAME RETARDANT[DO NOT READ]
- K12V1j. CHEMICALS IN FISH[DO NOT READ]
- K12V1k. ALLERGIC/ ALLERGY [DO NOT READ]
- K12V1l. OTHER [DO NOT READ]
- K12V1m. DON'T KNOW
- K12V1n. REFUSED

K12V1o. RED TIDE  
K12V1p. SALMONELLA  
K12V1q. POISONS/TOXINS  
K12V1r. POLLUTANTS/POLLUTION/CONTAMINATION  
K12V1s. HIGH CONCENTRATION OF METALS  
K12V1t. HIGH IN/BAD FOR CHOLESTEROL  
K12V1u. PARASITES  
K12V1v. BACTERIA  
K12V1w. FOOD POISONING  
K12V1x. NEEDS TO BE COOKED THOROUGHLY  
K12V1y. NOT EAT IT RAW/UNCOOKED  
K12V1z. PREGNANT WOMENT/YOUNG CHILDREN  
K12V1aa. NNEDS TO BE FRESH/EATEN FRESH  
K12V1bb. NEED TO KNOW THE ORIGIN  
K12V1cc. LEAD/IRON CONTENT  
K12V1dd. IODINE CONTENT  
K12V1ee. MINERAL  
K12V1ff. NOT HEALTHY  
K12V1gg. DISEASES  
K12V1hh. OILS  
K12V1ii.. SHELLFISH  
K12V1kk. SCROMBOID POISONING  
K12V1ll. LOCALLY CAUGHT FISH  
K12V1mm. FARMED RAISED FISH

**K16. TR01 , TR06**

Have you heard anything about mercury as a problem in some seafood?

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

**K17.TR01, TR06**

[IF K16=1]

What kinds of seafood 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

1. YES

**K18.TR01, TR06** [IF K16=1]



Have you heard of any particular group of people who are advised to be especially careful not to eat too much seafood that might have mercury? If yes, which group? MARK ALL THAT APPLY. DO NOT PROBE.

**K18A.**

NOT HEARD OF A PARTICULAR GROUP [DO NOT READ]

**K18B.**

PREGNANT WOMEN OR WOMEN WHO MIGHT BECOME PREGNANT [DO NOT READ]

**K18C.**

NURSING MOTHERS [DO NOT READ]

**K18D.**

YOUNG CHILDREN [DO NOT READ]

**K18E.**

OTHER RESPONSE [DO NOT READ]

**K18F.**

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

**K18G.**

DON'T KNOW

**K18H.**

REFUSED

1. YES

## SECTION O: FOOD RECALLS

O1. Do you think the number of food recalls in the United States is increasing, decreasing, or staying the same?

1. INCREASING
2. DECREASING
3. STAYING THE SAME
8. DON'T KNOW
9. REFUSED

O2. Think about the last time you heard that a food had been recalled.

What food was recalled?

[Have a list of possible foods to choose from]

O3. Where did you first hear about the recall?

1. TV or radio news
2. Newspaper
3. Internet news website
4. Government website such as FDA, USDA, or CDC?
5. Friends
6. Family
7. Grocery store
8. Restaurant
9. Email, or
10. Other internet sites such as blogs, facebook, myspace, twitter?
98. DON'T KNOW
99. REFUSED

O4. Did you try to find out more information about the recall?

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

O5. [IF 4 =1]

Where did you look to find out more information about the recall?

1. TV or radio news
2. Newspaper
3. Internet news website
4. Government website such as FDA, USDA, or CDC?
5. Friends
6. Family
7. Grocery store
8. Restaurant
9. Email, or
10. Other internet sites such as blogs, facebook, myspace, twitter?
98. DON'T KNOW
99. REFUSED

O6. Did you tell any of your friends or family about the recall?

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

O7. Was the recalled food a product that you ever eat?

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

9. REFUSED

O8. Did you check to see if you had any of the recalled food in your home?

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

O9. IF HAD IN HOME

What did you do with the recalled food?

1. Took it back to the store
2. Threw it away
3. Ate it
4. Nothing
5. Other
8. DON'T KNOW
9. REFUSED

O10. . Did you learn that the recall was over?

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

O11. How did you learn that the recall was over?

1. HEARD ON TV OR RADIO NEWS
2. LEARNED FROM INTERNET NEWS
3. LEARNED FROM GOVERNMENT WEBSITE
4. HEARD FROM FAMILY OR FRIENDS
5. NEWSPAPER OR MAGAZINE
6. SAW FOOD IN GROCERY STORES
7. DID NOT LEARN THE FOOD WAS SAFE TO EAT
8. OTHER
98. DON'T KNOW
99. REFUSED

## SECTION S MICROWAVE SAFETY

S1. I always follow the instructions for food to be heated in the microwave.

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

S2. I know the wattage of my microwave.

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

S3. All frozen packaged entrees containing meat are precooked.

1. TRUE
2. FALSO
8. DON'T KNOW
9. REFUSE

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

As you may know, some fruits and vegetables are produced by organic methods. Organic methods use no chemical fertilizers or pesticides.

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

Irradiation [e-RAY-dee-A-shun] is a process that uses low levels of radiation to treat foods. 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

**L5V2. TR01, TR06**

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. 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

[ASK L6 TO L17 SERIES IN SAME ORDER AS L1, L3, AND L4]

[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 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 YES.

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

**L15V2.TR01, TR06**

Do you think that bioengineered foods 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 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 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 M FOOD ALLERGIES

This section has been modified from 2001. All questions are based on question from 2001 and are TR06  
Everybody gets question M2.

### **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)
8. DON'T KNOW
9. REFUSED

### **M2.**

Are you allergic to latex or latex gloves?

1. YES
2. NO
3. SOMEONE IN HOUSEHOLD DIED FROM LATEX ALLERGY (DIED: 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.)
8. DON'T KNOW
9. REFUSED

[IF M1=1 THEN M4 ELSE GO TO SECTION N]

### **M4.**

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. (ACCEPT MULTIPLES. GO THRU ENTIRE LIST)

#### **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

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

Are you allergic to shellfish?

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

**M4E.** [IF M4D=1]

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

M4E1. CRUSTACEANS (E.G., SHRIMP, CRABS, LOBSTER, CRAYFISH, CRAWFISH, PRAWN)

M4E2. MOLLUSKS (E.G., CLAMS, OYSTERS, SCALLOPS, MUSSELS, SQUID, SNAILS, CONCHES, OCTOPUS)

M4E3. OTHER

M4E4. DON'T KNOW

M4E5. REFUSED

**M4G.** Are you allergic to any type of nuts or seeds?

1. YES (GO TO M4H)
2. NO
8. DON'T KNOW
9. REFUSED

**M4H.** [IF M4G=1]

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

- M4H1. PEANUTS
- M4H2. TREE NUTS (E.G., ALMONDS, CASHEWS, PECANS, WALNUTS, BRAZIL NUTS)(DO NOT INCLUDE COCONUT)
- M4H3. SESAME SEEDS
- M4H4. MUSTARD SEEDS
- 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 ONLY IF YES. DO NOT ACCEPT BOTH YES AND NO)

- M4I1. YES---WHEAT
- M4I2. YES---GLUTEN
- M4I3. YES---CORN
- M4I4. YES—OTHER GRAINS
- M4I5. NOT ALLERGIC TO WHEAT, CORN GRAINS
- M4I6. DON'T KNOW
- M4I7. REFUSED

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

1. YES (GO TO M4K)
2. NO
8. DON'T KNOW
9. REFUSED

**M4K.** [IF M4J=1]

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

**M4L.** Are you allergic to any kind of beans or legumes?

1. YES (GO TO M4M)
2. NO
8. DON'T KNOW
9. REFUSED

**M4M.** [IF M4L=1]

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. SOY
- M4M6. PEANUTS
- M4M7. OTHER
- M4M8. DON'T KNOW
- M4M9. REFUSED

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

1. YES (GO TO M4O)
2. NO
8. DON'T KNOW
9. REFUSED

**M4O.** [IF M4N=1]

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

**M6n**class. Classification of Other Specify Responses.

1. Vb coded in precode
2. Vb coded in new code
3. Coded in other

**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) (INTERVIEWER: REPEAT THE QUESTION AS NEEDED.)

**M6A.** HP

Skin reaction, such as hives, itching, or redness (IF NECESSARY: As a reaction to food)

**M6B.** HP

Swelling of face (IF NECESSARY: As a reaction to food)

**M6C.** HP

Itchy lips, or mouth, itchy throat (IF NECESSARY: As a reaction to food)

**M6D.** HP

Throat tightness (IF NECESSARY: As a reaction to food)

**M6E.** HP

Wheezing (IF NECESSARY: As a reaction to food)

**M6F.** HP

Trouble breathing, shortness of breath, or coughing (IF NECESSARY: As a reaction to food)

**M6G.** HP

Nasal congestion (IF NECESSARY: As a reaction to food)

**M6H.** HP

Stomach pain/abdominal cramping (IF NECESSARY: As a reaction to food)

**M6I.** HP

Vomiting or nausea (IF NECESSARY: As a reaction to food)

**M6J.** HP

Diarrhea (IF NECESSARY: As a reaction to food)

- M6K.** HP  
Headache (IF NECESSARY: As a reaction to food)
- M6L.** HP  
Dizziness (IF NECESSARY: As a reaction to food)
- M6M.** HP  
Anaphylactic [ANA-fa-LAK-tic] shock (IF NECESSARY: dangerous drop in blood pressure; near death experience) (IF NECESSARY: As a reaction to food)
- M6N.** HP  
Did you have any other types of reactions? IF YES, what type?]
1. YES
  2. NO
  8. DON'T KNOW
  9. REFUSED
- M6N1.**  
EDEMA/SWELLING (UNSPECIFIED)
- M6N2.**  
LETHARGY/DROWSINESS
- M6N3.**  
JOINT/MUSCLE PAIN OR WEAKNESS
- M6N4.**  
CHEST PAIN
- M6N5.**  
INCREASED HEART RATE
- M6N6.**  
SNEEZING
- M6N7.**  
SWELLING OF TONGUE/THROAT/MOUTH
- M6N8.**  
SWELLING OF HANDS/FEET/LEGS
- M6N9.**  
CONSTIPATION
- M6N10.**  
SWELLING OF EYES
- M6N11.**  
GAS/BLOATING
- M6N12.**  
ITCHY EYES
- M6N13.**  
NONE/NOTHING
- M6N14.**  
DON'T KNOW
- M6M15.**  
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 (GO TO M9 AND SKIP M11, PRESCRIBED AN EPI KIT)
8. DON'T KNOW (GO TO M9 AND SKIP M11, PRESCRIBED AN EPI KIT )
9. REFUSED (GO TO M9 AND SKIP M11, PRESCRIBED AN EPI KIT )

**M8class.** Classification of Other Specify Response for M8.

**M8.** [IF M7=1 THEN M8, ELSE M9]  
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.

**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]

**M8F.**  
OTHER

**M8G.**  
DON'T KNOW

**M8H.**  
REFUSED

**M8I.**  
PHYSICAL EXAMINATION OF SYMPTIONS

**M8j.**  
ALLERGY SHOTS

**M8k.**

ALLERGY TEST (UNSPECIFIED)

**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 FIVE 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.** [ASK M10 IF M9 = 1, 2, 3, 4, 5, OR 6]

How many total food allergic reactions have you had in the past 5 years? (INCLUDE REACTIONS TO ALL FOODS) [RANGE: 0-20]

\_\_\_\_\_ NUMBER OF REACTIONS

998. REFUSED
999. DON'T KNOW

**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 = 1-6, THEN M12 AND M13 THROUGH M18, ELSE M19) 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**

[IF M13 = 4, DK, OR REF, THEN M15] Only people who answer M13=1, or 3 should get this question.

Did you have to stay overnight in the hospital?

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

**M15. All allergy people who had a reaction in the past 5 years should get this question.**

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, (GO TO M16)
2. *A prepared packaged food* from a mix, such as cake mix. (GO TO M16)
3. *A prepared food cooked or made at a home, restaurant, or other such place*, or (GO TO M17)

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? (GO TO SECTION M18),
8. DON'T KNOW (GO TO M18)
9. REFUSED (GO TO M18)

**M16. [IF M15 = 1,2]**

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 = 2,3]

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 = 1,2]

Did this food cause you to have an allergic reaction?

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

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

Now I have a few questions about your health and experience with foodborne illness.

**N1. Modified TR01, TR06**

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**

Here is 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 them: liver disease, currently receiving chemotherapy or radiation therapy, or HIV, AIDS, or have had a 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

**N3. TR93, TR98, TR01, TR06**

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 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 = 0,8,9]**

TR93, TR98, TR01, TR06

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

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[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

Did anyone report this illness?

1. YES

2. NO

8. DON'T KNOW

9. REFUED

**N8A.** TR01, TR06 IF N8 = 1

Who did you report it to?

- N8a1. A DOCTOR
- N8a2. A HOSPITAL EMERGENCY ROOM
- N8a3. THE LOCAL HEALTH DEPARTMENT
- N8a4. GOVERNMENT AGENCY
- N8a5. OTHER
- N8a6. DON'T KNOW
- N8a7. REFUSED

**N8bclass:** Classification of Other Specify Responses

- 1. Vb coded in precode
- 2. Vb coded in new code
- 3. Vb coded in other
- 4.

**N8B. TR01, TR06** [IF N8A4 = 1]

Which government agency did you report it to?

- N8B1. FDA
- N8B2. USDA
- N8B3. OTHER
- N8B4. GOVT AGENCY
- N8B5. LOCAL HEALTH DEPARTMENT
- N8B6. DON'T KNOW
- N8B7. REFUSED

**N9.** TR93, TR01, TR06

Did [YOU/FAMILY MEMBER] see a doctor for this illness?

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

**N10.** TR93, TR01, TR06 [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

[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

### SECTION P DEMOGRAPHICS

And finally, I have just a few more questions to ask for statistical purposes.

[PUT THIS AS AN OPTION FOR EACH QUESTION IN THIS SECTION]

IF RESPONDENT ASKS WHY WE NEED THESE QUESTIONS OR OBJECTS TO THE QUESTIONS, READ THIS STATEMENT:

We ask these questions for statistical purposes only. We want to be sure that the people we survey represent all different types of groups in this country. All of this information is confidential and will not be linked to any personal identifying information.

**P1.** TR93, TR98, TR01, TR06

Not including cell phones, are there any telephone numbers in addition to {TELEPHONE NUMBER} in your home that you receive calls on? NOTE: WE ARE ONLY INTERESTED IN NUMBERS THAT MIGHT HAVE BEEN INCLUDED IN THE SURVEY. NUMBERS USED ONLY FOR HOME FAXES OR COMPUTERS SHOULD NOT BE INCLUDED.

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

**P2.** TR93, TR98, TR01, TR06

[ASK IF P1 = 1]

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

1. Home use
2. Business and home use, or
3. Business use only
8. DON'T KNOW
9. REFUSED

**P3.** TR01, TR06

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, PEOPLE 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]

How many of these people [in your household] are . . .

**P4A.** TR01, TR06

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

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

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  
What year were you born?

\_\_\_\_\_ (RANGE: 1900-1987)  
8888. DON'T KNOW  
9999. REFUSED

**P7.** TR06 [DON'T ASK IF S4 = 1 and P3 = 1 or IF S4=1 or P6=1 and P3=1+P4A ]  
Is anyone in your household pregnant?

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

**P8.** TR93, TR98, TR01, TR06  
Are you Hispanic or Latino?

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

P9class. Classification of Other Specify Responses

1. Vb coded in precode

2. Vb coded in new code
3. Vb coded in other

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

What is your race? Please select one or more. Are you...MARK ALL THAT APPLY

**P9A.**

White

**P9B.**

Black or African American,

**P9C.**

Asian

**P9D.**

Native Hawaiian or other Pacific Islander,

**P9E.**

American Indian or Alaska Native?

**P9F.**

OTHER.

**P9G.**

HISPANIC or LATINO

**P9H.**

MIXED RACE

**P9I.**

DON'T KNOW

**P9J.**

REFUSED

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

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

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. REFUSED

**P13. TR06**

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. REFUSED
9. DON'T KNOW

**P14. TR98, TR01, TR06**

[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.

OTHER DOCUMENTATION

Lang. Language of interview

1. English

2. Spanish

Cmplt. Completed interview

1. Complete

Comptype. Type of Completed interview

1. Long
2. Long (Init Non-Resp)
3. Short (Init Non-Resp)

Grptab.

1. 1. Northeast
2. 2 Midwest
3. 3 South
4. 4 West
5. 5 Hispanic

Callerid

1. Caller id
2. No caller id

Ir1. Participate in short survey

1. Yes
2. No
8. Don't know
9. REFUSED

Progvrn. CATI Program Version

1. 1 (1/12-13/06)
2. 2 (1/13-25/06)
3. 3 (1/25/06-3/5/06)
4. 4 (3/07/06-6/20/06)
5. 5 Refusals

OTHER CODES:

miq = "Sample ID"  
date = "Interview Date (YYMMDD)"  
area = "Area Code"  
grptab = "Sample Group Tab"  
zip = "Zip Code"  
int = "Interviewer"  
state = "State"  
callerid = "Caller id"  
fips = "Fips-Federal Information Processing Standard"  
dma = "Dma-Nielsen Designated Market Area"  
msa = "Msa-Metropolitan Statistical Area"  
cndiv = "Cndiv - Census Division"  
cnreg = "Cnreg - Census Region"

adi = "Adi-Area of Dominant Influence"  
lang = "Interview Language"  
letter = "Received Notification Letter"  
ir1 = "Participate In Short Study"