

**AMERICAN SAMOA  
DIARRHEAL ILLNESS OUTBREAK**

CASE report number |\_\_ - |\_\_|\_\_|\_\_|

Matched CONTROL #1 |\_\_ - |\_\_|\_\_|\_\_| - |\_\_|

Matched CONTROL #2 |\_\_ - |\_\_|\_\_|\_\_| - |\_\_|

**NAME OF INTERVIEWER** \_\_\_\_\_

**CASE: LAST NAME** \_\_\_\_\_ **FIRST NAME** \_\_\_\_\_

**TELEPHONE NUMBER** \_\_\_\_\_

**DATE OF INTERVIEW** |\_\_|\_\_| - |\_\_|\_\_| - |\_\_|\_\_|

**Telephone Contact History**

Date (mm/dd)	Time (am/pm)	Outcome/Comment	Initials
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
13. _____	_____	_____	_____
14. _____	_____	_____	_____

**OUTCOME CODES:**

- |                          |  |
|--------------------------|--|
| 01 = completed interview | 08 = no eligible respondent                    |
| 02 = refused interview   | 09 = language barrier                          |
| 03 = no answer           | 10 = interview terminated within questionnaire |
| 04 = busy tone           | 11 = physical/mental impairment                |
| 05 = non-working number  | 12 = answering machine                         |
| 06 = fax machine         | 13 = setting up a better time                  |
| 07 = business phone      | 99 = unknown                                   |

## CASE INTRODUCTION INTERVIEW

Hello, my name is \_\_\_\_\_ and I am working with x.

We are investigating an outbreak of diarrhea occurring among people who live in X. We are conducting a survey to help us determine what may have played a role in causing illness among people living in *your/our* community.

We realize that you may have already spoken to the Health Department; however, we are interested in finding out more about this illness so that we can develop guidelines for preventing and controlling illness.

You have been selected to participate in this survey because of your illness. The answers that you give will be kept secure. Your participation in these efforts will greatly enhance our understanding of this illness in *your/our* community.

This should take approximately 20-30 minutes. Your participation is voluntary and all information you give will be kept confidential to the extent legally possible. Some of the questions may be sensitive. You may refuse to answer any question at any time. Neither your name nor any identifying information will appear on any report. We will be happy to answer all your questions at the end of the interview. A final report will be available at the health department.

Do you agree to participate in this survey?

\_\_\_ NO, **END INTERVIEW...** Thank you for your time.

\_\_\_ YES **IF YES, CONTINUE INTERVIEW...** It would be helpful if you had a calendar in front of you, as we will be discussing specific dates.

**SECTION A: CLINICAL INFORMATION**

FIRST, I WOULD LIKE TO ASK YOU ABOUT YOUR ILLNESS.

A1. When did your diarrhea begin?     |\_|\_|-|\_|\_|-|0|4|  
MM     DD   YY

**IF RESPONDENT CANNOT REMEMBER EXACT DATE DIARRHEA BEGAN, PROMPT FOR WEEK DIARRHEA BEGAN. ENTER DATE OF WEDNESDAY OF THAT WEEK**

A2. If not exact date diarrhea began, enter approximate date |\_|\_|-|\_|\_|-|0|4|  
MM     DD   YY

**AFTER GETTING THE DATE OF ONSET FOR ILLNESS (A2), MARK THE MONTH PRECEDING THAT ONSET DATE ON THE CALENDAR AND IN THE SPACE BELOW FOR USE IN ASKING THE EXPOSURE QUESTIONS**

THAT WOULD BE THE PERIOD FROM /\_\_/\_/\_\_\_/ TO /\_\_/\_/\_\_\_/.

A3. What was the maximum number of loose or watery stools you had in a 24-hour period during this illness?

NUMBER                             |\_|\_|  
UNKNOWN.....77  
REFUSED.....99

A4. Did you have blood in your stool?

YES..... 1  
NO..... 2  
UNKNOWN.....77  
REFUSED.....99

A5. Was there a period when your diarrhea went away for at least a day and then came back?

YES.....1  
NO.....2 (GO TO A7)  
UNKNOWN.....77 (GO TO A7)  
REFUSED..... 99 (GO TO A7)

A6. How many times did this happen?

|\_|\_| Times

**A7.** Do you currently have diarrhea?

- YES..... 1 (GO TO A9)  
 NO.....2  
 UNKNOWN.....77 (GO TO A9)  
 REFUSED..... 99 (GO TO A9)

**A8. IF NO**, what date did the diarrhea *completely* end (include all of the diarrhea free days if there were any)?

Date:   |\_|\_|   |\_|\_|   2004  
           MM    DD

**A9. In addition to diarrhea, which of the following symptoms did you have, and how long did you experience each from beginning to end, regardless of whether you felt better on some days in between?** [READ THE LIST OF SYMPTOMS. IF YES, ENTER THE CORRESPONDING DURATION FOR EACH.] (U=UNKNOWN; R=REFUSED)

SYMPTOM	0 days	1 day	2-5 days	6-14 days	>14 days	U	R
<b>a.</b> Nausea	0	1	2	6	14	77	99
<b>b.</b> Vomiting	0	1	2	6	14	77	99
<b>c.</b> Headache	0	1	2	6	14	77	99
<b>d.</b> Loss of appetite	0	1	2	6	14	77	99
<b>e.</b> Abdominal cramps	0	1	2	6	14	77	99
<b>f.</b> Bloating/Gas	0	1	2	6	14	77	99
<b>g.</b> Body/Muscle aches	0	1	2	6	14	77	99
<b>h.</b> Tiredness/Fatigue	0	1	2	6	14	77	99
<b>i.</b> Fever IF YES, GO TO A10, IF NO GO TO A11.	0	1	2	6	14	77	99

**A10. IF YES TO FEVER**, what was the highest temperature measured?

- a. NUMBER** |\_|\_|\_| . |\_| **degrees F**   **OR**   **b. NUMBER** |\_|\_|\_| . |\_| **degrees C**  
 Felt warm/feverish, but temperature not measured ....222.2  
 UNKNOWN.....777.7  
 REFUSED..... 999.9

**A11.** Have you experienced any weight loss as a result of your symptoms?

- YES.....1  
 NO.....2  
 UNKNOWN.....77  
 REFUSED..... 99

**A12.** Did you seek health care for any symptoms?

- YES.....1
- NO.....2 **(GO TO A15)**
- UNKNOWN.....77 **(GO TO A15)**
- REFUSED..... 99 **(GO TO A15)**

**A13.** The following questions are about treatment for your illness.

**(CHECK ALL THAT APPLY)**

	Y	N	U	R
<b>A13a.</b> Was a doctor or nurse consulted over the phone?	1	2	77	99
<b>A13b.</b> Did you visit a doctor’s office?	1	2	77	99
<b>A13c.</b> Did you visit an Emergency Room?	1	2	77	99
<b>A13d.</b> Were you hospitalized for more than 24 hours?	1	2	77	99

**A13e. IF YES, how long hospitalized?**

|\_|\_| days

**A14.** Once your diarrhea began, how long were you ill before you contacted or visited a doctor or nurse?

**NUMBER** |\_|\_|\_| **days**

- UNKNOWN.....777
- REFUSED.....999

**A15.** What treatment did you use for your symptoms?

**(CHECK ALL THAT APPLY):**

	Y	N	U	R
A15a. Nothing <b>[IF YES GO TO A16]</b>	1	2	77	99
A15b. OTC antidiarrheal medications (i.e. Peptobismol)	1	2	77	99
A15c. Herbal remedies	1	2	77	99
A15d. Antibiotics/Antiparasitics	1	2	77	99
A15e. Any prescription medications	1	2	77	99
A15f. Dehydration medications (Pedialyte)	1	2	77	99
A15g. Drank more fluids	1	2	77	99
A15h. Received Intravenous fluids	1	2	77	99
A15i. Fever/Pain reliever	1	2	77	99
A15j. Other _____	1	2	77	99

**A16.** When your illness began, were you employed – meaning you had a paid job performed either outside or inside the home?

- YES.....1
- NO.....2 **(GO TO A19)**
- UNKNOWN.....77 **(GO TO A19)**
- REFUSED..... 99 **(GO TO A19)**

**A17. IF YES TO EMPLOYED**, during your illness, did you miss any time from work, for example because you called in sick or took time off to see a doctor?

- YES.....1
- NO.....2 (**GO TO A19**)
- UNKNOWN.....77 (**GO TO A19**)
- REFUSED..... 99 (**GO TO A19**)

**A18. IF YES**, how many days? |\_\_|\_\_| **days (IF IN HOURS, i.e. <1 DAY, THEN CODE AS ZERO)**

- UNKNOWN .....77
- REFUSED.....99

**A19.** Did this illness prevent you from performing daily activities such as school, recreation, or vacation activities, or working within the home?

- YES.....1
- NO.....2 (**GO TO A20**)
- UNKNOWN.....77 (**GO TO A20**)
- REFUSED..... 99 (**GO TO A20**)

**A19a. IF YES**, how many days? |\_\_|\_\_| **days (IF IN HOURS, i.e. <1 DAY, THEN CODE AS ZERO)**

- UNKNOWN.....77
- REFUSED.....99

**A20.** Did you continue to do water activities (swimming, water parks, etc.) while you had diarrhea?

- YES.....1
- NO.....2
- UNKNOWN.....77
- REFUSED.....99

**A21.** Did you prepare food for others while you had diarrhea?

- YES.....1
- NO.....2
- UNKNOWN.....77
- REFUSED.....99

**A22.** Did you participate in water activities (pool, water parks, etc.) in the month **before** your diarrhea ended?

- YES.....1
- NO.....2
- UNKNOWN.....77
- REFUSED.....99

**A23.** Are you aware of anyone in your immediate household or social group that had diarrhea in the month **before** your symptoms began?

YES.....1  
NO.....2  
UNKNOWN.....77  
REFUSED.....99

**A24.** Are you aware of anyone in your immediate household or social group that had diarrhea **while** you had your symptoms?

YES.....1  
NO.....2  
UNKNOWN.....77  
REFUSED.....99

**A25.** Are you aware of anyone in your immediate household or social group that had diarrhea in the month **after** your symptoms began?

YES.....1  
NO.....2  
UNKNOWN.....77  
REFUSED.....99

**A26.** Do you have a weakened immune system? Conditions such as cancer, HIV, organ transplant and/or receiving steroid treatment can cause a weakened immune system. This does not include inhaled steroids for asthma therapy.

YES.....1  
NO.....2  
UNKNOWN.....77  
REFUSED..... 99

**SECTION B. PERSON TO PERSON CONTACT AND CHILDCARE INFORMATION**

**B1.** Now I would like to ask about the adults ( $\geq 18$  years of age) in your house. What are the adult's sexes and did they have diarrhea in the month **before** you became ill?

(QUESTION A2) /\_\_/\_/\_/\_/ to /\_\_/\_/\_/\_/.

ADULT	What sex? (1=MALE, 2=FEMALE)		Had diarrhea?			
			YES	NO	UNK	REF
ADULT 1	1	2	1	2	77	99
ADULT 2	1	2	1	2	77	99
ADULT 3	1	2	1	2	77	99
ADULT 4	1	2	1	2	77	99
ADULT 5	1	2	1	2	77	99
ADULT 6	1	2	1	2	77	99

**READ:** Now I would now like to ask you a few questions about your contact with children under 18 and persons with diarrhea in the month before you became ill

(QUESTION A2) /\_\_/\_/\_/\_/ to /\_\_/\_/\_/\_/.

**B2.** Do you have children (<18 years old) living in your home?

**IF INTERVIEWING AN ADOLESCENT:** Do you have children (<18 years old) – *other than yourself* - living in your home?

YES..... 1  
 NO..... 2 (GO TO B9)  
 UNKNOWN..... 77 (GO TO B9)  
 REFUSED..... 99 (GO TO B9)

**B3. IF YES,** How many children live in your house?

NUMBER OF CHILDREN |\_\_|\_\_|  
 UNKNOWN 77  
 REFUSED 99

**B4.** What are the children's age(s) in years, their sexes and did they have diarrhea in the month before your diarrhea began?

**IF INTERVIEWING AN ADOLESCENT: *Other than yourself***, what are the children’s age(s) in years, their sexes and did they have diarrhea in the month before your diarrhea began?

CHILD	AGE? (INDICATE YRS OR MONTHS)	Does the child wear diapers?		What sex? (1=MALE, 2=FEMALE)		Had diarrhea?			
		Y	N			YES	NO	UNK	REF
CHILD 1		1	2	1	2	1	2	77	99
CHILD 2		1	2	1	2	1	2	77	99
CHILD 3		1	2	1	2	1	2	77	99
CHILD 4		1	2	1	2	1	2	77	99
CHILD 5		1	2	1	2	1	2	77	99
CHILD 6		1	2	1	2	1	2	77	99
CHILD 7		1	2	1	2	1	2	77	99
CHILD 8		1	2	1	2	1	2	77	99
CHILD 9		1	2	1	2	1	2	77	99
CHILD 10		1	2	1	2	1	2	77	99
CHILD 11		1	2	1	2	1	2	77	99
CHILD 12		1	2	1	2	1	2	77	99
CHILD 13		1	2	1	2	1	2	77	99
CHILD 14		1	2	1	2	1	2	77	99
CHILD 15		1	2	1	2	1	2	77	99

**B5.** Were any children in your household in childcare outside of your home at any time in the month before you became ill?

YES..... 1  
 NO..... 2 **(GO TO B7)**  
 UNKNOWN..... 77 **(GO TO B7)**  
 REFUSED..... 99 **(GO TO B7)**

**B5a.** IF YES, did (*he/she/they*) participate in any water related activities, such as swimming, wading, or water table play, at his or her childcare outside of your home?

YES..... 1  
 NO..... 2  
 UNKNOWN..... 77  
 REFUSED..... 99

**B6.** IF YES TO B5, Were any children at your child’s childcare location *in* diapers?

YES..... 1  
 NO.....2  
           UNKNOWN..... 77  
 REFUSED..... 99

**B7.** Were any children in your household in a *day camp* in the month before you became ill? By a day camp I mean a center with activities where children spend all or part of the day, often during the summer months when school is out. By comparison, a day care center is often for toddlers.

YES.....1  
 NO.....2 **(GO TO B8)**  
           UNKNOWN.....77 **(GO TO B8)**  
 REFUSED.....99 **(GO TO B8)**

**B7a. IF YES,** did (*he/she/they*) participate in any water related activities, such as swimming, wading or water tables, at his or her *day camp*?

YES..... 1  
 NO..... 2  
 UNKNOWN..... 77  
 REFUSED..... 99

**B8.** In the month before illness, did you *provide* childcare in any of the following childcare settings? **[READ THE LIST. CIRCLE ALL THAT APPLY]**

SETTING	YES	NO	UNKNOWN	REFUSED
a. Out-of-home childcare center	1	2	77	99
b. In-home childcare center	1	2	77	99
c. Out-of-home babysitter	1	2	77	99
d. In-home babysitter	1	2	77	99
e. Other	1	2	77	99
f. Specify:				

**B9.** In the month before illness, did you have contact with any children in diapers?

YES..... 1  
 NO..... 2 **(GO TO B11)**  
 UNKNOWN..... 77 **(GO TO B11)**  
 REFUSED..... 99 **(GO TO B11)**

**B10. IF YES,** in the month before illness, did *you* change any diapers?

YES..... 1  
 NO..... 2  
           UNKNOWN..... 77  
 REFUSED..... 99

**B11.** In the month before you became ill, did you come in contact with anyone who had diarrhea?

YES.....1  
 NO.....2           **(GO TO SECTION C)**  
 UNKNOWN.....77   **(GO TO SECTION C)**  
 REFUSED..... 99   **(GO TO SECTION C)**

**B12. IF YES, did they include:  
 [READ THE LIST. CIRCLE ALL THAT APPLY]**

	<b>YES</b>	<b>NO</b>	<b>UNKNOWN</b>	<b>REFUSED</b>
a. Children $\leq$ 3 years of age	1	2	99	77
b. Children 4 to <13 years of age	1	2	99	77
c. Teenagers $\geq$ 13 to <18 years	1	2	99	77
d. Adults 18 years or older	1	2	99	77

**B13.** Did you provide direct care to a person with diarrhea?

YES..... 1  
 NO..... 2  
 UNKNOWN..... 77  
 REFUSED..... 99

## SECTION C. DIETARY EXPOSURES

I WOULD LIKE TO TALK ABOUT YOUR DIET DURING THE TWO WEEKS BEFORE YOUR DIARRHEA BEGAN (**QUESTION A2**), THAT WOULD BE THE PERIOD FROM /\_\_\_/\_\_\_/\_\_\_/ TO /\_\_\_/\_\_\_/\_\_\_/.

**C1.** In the month before your diarrhea began, did you eat any of the following food items? [**READ THE LIST. ENTER ALL THAT APPLY**]

FOOD	Y	N	U	R
a. Lettuce or garden salad	1	2	77	99
b. Cold cuts, chicken salad, egg salad, or tuna salad	1	2	77	99
c. Other cold salads such as coleslaw, potato salad, or pasta salad	1	2	77	99
d. Raw vegetables such as carrots, tomatoes, cucumbers, green onions	1	2	77	99
e. Raw berries (e.g. strawberries and raspberries)	1	2	77	99
f. Raw fruits <i>with</i> skin/peel (e.g., melons, apples)	1	2	77	99
g. Cider or juice	1	2	77	99
h. Raw shellfish	1	2	77	99
i. Cooked shellfish	1	2	77	99

**C2.** In the month before your diarrhea began, did you consume any of the following *unpasteurized* foods or drinks? This may include products supplied from health food stores, local farms, or imported from other countries.

[**READ THE LIST. ENTER ALL THAT APPLY**]

FOOD	YES	NO	UNKNOWN	REFUSED
a. Unpasteurized milk	1	2	77	99
b. Unpasteurized apple juice/cider	1	2	77	99
c. Other unpasteurized juices	1	2	77	99
d. Unpasteurized cheese (e.g. goat cheese, farmer's cheese, queso fresco)	1	2	77	99
e. Other Specify:	1	2	77	99

## SECTION D. DRINKING WATER EXPOSURES

I WOULD LIKE TO TALK ABOUT YOUR EXPOSURE TO DRINKING WATER IN THE MONTH BEFORE YOUR DIARRHEA BEGAN (**QUESTION A2**), THAT WOULD BE THE PERIOD FROM /\_\_/\_\_/\_\_/ TO /\_\_/\_\_/\_\_/.

**D1** In the month before your diarrhea began, what were your sources of drinking water *at home*? [READ THE LIST. ENTER ALL THAT APPLY]

QUESTION	YES	NO	UNKNOWN	REFUSED
<b>a.</b> Does not drink water at home	1	2	77	99
<b>b.</b> Municipal or city water direct from tap	1	2	77	99
<b>c.</b> Municipal or city water with additional filtration or treatment	1	2	77	99
<b>d.</b> Refrigerator dispenser	1	2	77	99
<b>e.</b> Private well water	1	2	77	99
<b>f.</b> Private well water with additional filtration or treatment	1	2	77	99
<b>g.</b> Commercially bottled water	1	2	77	99
<b>h.</b> Other Specify:	1	2	77	99

**D2.** In the month before your diarrhea began, what were your sources of drinking water *outside the home*, for example, at school or work? [READ THE LIST. ENTER ALL THAT APPLY.]

QUESTION	YES	NO	UNKNOWN	REFUSED
<b>a.</b> Does not drink water outside the home	1	2	77	99
<b>b.</b> Municipal or city water direct from tap (including a water fountain)	1	2	77	99
<b>c.</b> Municipal or city water with additional filtration or treatment	1	2	77	99
<b>d.</b> Refrigerator dispenser	1	2	77	99
<b>e.</b> Private well water	1	2	77	99
<b>f.</b> Private well water with additional filtration or treatment	1	2	77	99
<b>g.</b> Commercially bottled water	1	2	77	99
<b>i.</b> Other Specify:	1	2	77	99

**D3.** What was your usual source of *ice* in the month before your diarrhea began?

**[READ THE LIST. ENTER ALL THAT APPLY]**

<b>SOURCE</b>	<b>YES</b>	<b>NO</b>	<b>UNKNOWN</b>	<b>REFUSED</b>
<b>a.</b> Do not use ice	1	2	77	99
<b>b.</b> From your home	1	2	77	99
<b>c.</b> From outside your home	1	2	77	99

**D4.** In the month before your diarrhea began, did you drink any untreated water from a lake, river or stream?

YES..... 1  
NO..... 2  
UNKNOWN.....77  
REFUSED.....99

**SECTION E: RECREATIONAL WATER EXPOSURE**

I WOULD LIKE TO TALK ABOUT YOUR EXPOSURE TO RECREATIONAL WATER. WE WILL FIRST FOCUS ON THE PERIOD IN THE MONTH BEFORE YOUR DIARRHEA BEGAN (QUESTION A2, /\_\_\_/\_\_\_/\_\_\_/ TO /\_\_\_/\_\_\_/\_\_\_/).

**E1.** During the in the month before your diarrhea began, did you swim or enter recreational water (which means other than in a bathtub or shower)?

- YES.....1
- NO.....2 (GO TO E18)
- UNKNOWN.....77 (GO TO E18)
- REFUSED.....99 (GO TO E18)

**E2.** During the in the month before the diarrhea began, which recreational water settings did you swim in, wade in, or enter? [READ THE LIST. ENTER ALL THAT APPLY]

Setting	IF YES, on how many days did you swim or enter the water in the two weeks before you became ill?				IF YES, did you put your face under the water?									
	Y	N	U	R	Number of days?				Y	N	U	R		
	1	2	77	99	1	2	3	4	77	99	1	2	77	99
a. Lake, Pond, River or Stream	1	2	77	99	1	2	3	4	77	99	1	2	77	99
b. Hot Tub, Spa, Whirlpool, Jacuzzi	1	2	77	99	1	2	3	4	77	99	1	2	77	99
c. Recreational Water Park other than swimming pools (such as The Beach, Soak City, or Wyandot Lake)	1	2	77	99	1	2	3	4	77	99	1	2	77	99

**E3.** During the in the month before your diarrhea began, did you swim, wade in or enter a swimming pool?

- YES.....1
- NO.....2 (GO TO E18)
- UNKNOWN.....77 (GO TO E18)
- REFUSED.....99 (GO TO E18)

**READ: THE FOLLOWING QUESTIONS ASK ABOUT TYPICAL SWIMMING ACTIVITIES DURING VISITS TO POOLS**

**E4.** On a typical visit during the in the month before your diarrhea began, did you usually wade or play in the water without swimming?

- YES.....1
- NO.....2
- UNKNOWN.....77
- REFUSED.....99

**E5.** On a typical visit during the in the month before your diarrhea began, did you get water *splashed in your face*?

- YES.....1
- NO.....2
- UNKNOWN.....77
- REFUSED.....99

**E6.** On a typical visit during the in the month before your diarrhea began, did you put *your face in the water*?

- YES.....1
- NO.....2
- UNKNOWN.....77
- REFUSED.....99

**E7.** On a typical visit in the month before your diarrhea began, did you get *any* water in your mouth?

- YES.....1
- NO.....2 **(GO TO E9)**
- UNKNOWN.....77 **(GO TO E9)**
- REFUSED.....99 **(GO TO E9)**

**E8.** On a typical visit during the in the month before your diarrhea began, did you *swallow* any of this water?

- YES.....1
- NO.....2
- UNKNOWN.....77
- REFUSED.....99



**SECTION F. EVENTS**

NOW I WOULD LIKE TO TALK TO YOU ABOUT THE EVENTS THAT YOU ATTENDED DURING X

**F1.** During the months of X before your diarrhea began, did you attend any large social gatherings with 50 or more persons present such as picnics, county fairs or other events?

- YES..... 1
- NO.....2 **(GO TO F3)**
- UNKNOWN.....77 **(GO TO F3)**
- REFUSED.....99 **(GO TO F3)**

**F2.** IF YES, please name the events/parties/potlucks and tell us when

**Name**

**Date (MM/DD/YY)**

**SECTION G. TRAVEL HISTORY**

NOW I WOULD LIKE TO TALK TO YOU ABOUT YOUR TRAVEL HISTORY IN THE MONTH BEFORE YOUR DIARRHEA BEGAN (QUESTION A2, /\_\_\_/\_\_\_/\_\_\_/ TO /\_\_\_/\_\_\_/\_\_\_/).

**G1.** In the month before your diarrhea began did you travel outside American Samoa?

- YES.....1
- NO.....2 (**GO TO G4**)
- UNKNOWN.....77 (**GO TO G4**)
- REFUSED.....99 (**GO TO G4**)

**G2.** If yes please specify where and when \_\_\_\_\_

**SECTION H. ANIMAL CONTACT**

NOW I WOULD LIKE TO TALK TO YOU ABOUT YOUR CONTACT WITH ANIMALS IN THE MONTH BEFORE YOUR DIARRHEA BEGAN (QUESTION A2, /\_\_\_/\_\_\_/\_\_\_/ TO /\_\_\_/\_\_\_/\_\_\_/).

**H1.** In the month before your diarrhea began, did you have contact with any animals, (at home, on a farm, at a zoo, at a fair, festival or other event)?

- YES..... 1
- NO.....2 (GO TO H3)
- UNKNOWN.....77 (GO TO H3)
- REFUSED.....99 (GO TO H3)

**H2. IF YES,** to which of the following animals?

**READ THE LIST. ENTER AND ASK THE CORRESPONDING QUESTIONS.**

Animal	Contact with animal (feeding, petting, playing)?				Animal have diarrhea?			
	Y	N	U	R	Y	N	U	R
<b>a.</b> Kitten (< 6 months)	1	2	77	99	1	2	77	99
<b>b.</b> Cat	1	2	77	99	1	2	77	99
<b>c.</b> Puppy (< 6 months)	1	2	77	99	1	2	77	99
<b>d.</b> Dog	1	2	77	99	1	2	77	99
<b>e.</b> Calf	1	2	77	99	1	2	77	99
<b>f.</b> Cow/Bull/Steer	1	2	77	99	1	2	77	99
<b>g.</b> Deer	1	2	77	99	1	2	77	99
<b>h.</b> Goat/Sheep/Lamb	1	2	77	99	1	2	77	99
<b>i.</b> Horse	1	2	77	99	1	2	77	99
<b>j.</b> Pigs	1	2	77	99	1	2	77	99
<b>k.</b> Poultry (chicken, turkey, etc.)	1	2	77	99	1	2	77	99
<b>l.</b> Rabbit	1	2	77	99	1	2	77	99
<b>m.</b> Amphibian/reptile (frog, turtle, lizard, snake, etc.)	1	2	77	99	1	2	77	99
<b>n.</b> Other Specify:	1	2	77	99	1	2	77	99

**H3.** In the month before your diarrhea began, did you touch or shovel animal waste/ manure or walk through any area where animal waste/ manure was on the ground?

YES.....1  
NO.....2  
UNKNOWN.....77  
REFUSED.....99

**H4.** Did you visit, work on, or live on a farm in the month before your diarrhea began?

YES.....1  
NO.....2  
UNKNOWN.....77  
REFUSED.....99

**SECTION I : DEMOGRAPHIC INFORMATION**

**CASE ID: A** |\_|\_|\_|

**I1.** What is your ZIP code? |\_|\_|\_|\_|\_|  
UNKNOWN.....77777  
REFUSED..... 99999

**I2.** What is your age?

|\_|\_|  
Age

**I3.** What is your gender?

MALE ..... 1  
FEMALE ..... 2  
UNKNOWN.....77  
REFUSED.....99

**I4.** What district do you live in? \_\_\_\_\_

**IF RESPONDENT ANSWERS “DON’T KNOW”, ASK:**

**I4a.** What city do you live in? \_\_\_\_\_

**END OF QUESTIONNAIRE:** This concludes our questionnaire. I would like to thank you very much for your time, patience, and cooperation in answering our questions. I would be happy to answer any questions you may have at this point.

**If you have any questions in the future please contact X.**