Figure E

Note: Text in regular type is to be read to the respondent.

Text in CAPITALS is an instruction for the interviewer and should not be read to the respondent.

Text in *italic* is a suggestion for modification of the questionnaire to tailor the document to the ongoing investigation.

CASE QUESTIONNAIRE FOR CASE-CONTROL STUDY

ID: _	Interviewer:	
	Date of Interview: _ - - MM DD YY	
	Interview Outcome Code: _	
	TITLE OF YOUR SURVEY/CASE-CONTROL STUDY	
Hello, design	N YOU MEET THE SUBJECT: my name is (YOUR NAME). I am from (STATE YOUR AFFILIATION). We are conducting a studyed to examine factors associated with the development of <i>state the disease you are studying</i> . I am her with you about this study.	•
As I ju <i>i.e., to</i> import legally	INGE PRIVATE SETTING FOR INTERVIEW IF NOT DONE BY PHONE. It mentioned, the purpose of this study is to <i>state specifically what the primary goal of the interview is collect information on exposure factors for acquiring</i> Cryptosporidium. Your help in this study is very ant. Your participation is voluntary and all information you give will be kept confidential to the extens possible. Some of the questions may be sensitive. You may refuse to answer any question at any timer your name nor any identifying information will appear on any report of the study.	nt
ADM	NISTER CONSENT FORM.	
BEGI	N INTERVIEW.	
SECT	ION A: BACKGROUND INFORMATION	
M	LE CODE FOR PARTICIPANTS GENDER ALE	
I woul	d like to begin by asking you some basic questions about yourself.	
A1. W	That is your full name? (LAST, FIRST, MI)	
C	That is your home address? (IF RESPONDENT REFUSES, ATTEMPT TO OBTAIN HIS/HER ZIP ODE, EXPLAINING THAT INFORMATION ON THE GENERAL AREA WHERE HE/SHE LIVES ERY IMPORTANT FOR EXPOSURE ASSESSMENT.)	IS
C	That is your work address? (IF RESPONDENT REFUSES, ATTEMPT TO OBTAIN HIS/HER ZIP ODE, EXPLAINING THAT INFORMATION ON THE GENERAL AREA WHERE HE/SHE WORK VERY IMPORTANT FOR EXPOSURE ASSESSMENT.)	ζS

	ID:
A4. What are your home and work phone r NONE, FILL IN 9s.)	numbers? (IF SUBJECT REFUSES FILL IN 8s IN THE BOXES. IF
_ _ - - - - - - - - - - - - - - - - -	_ - -
HOME	WORK
A5. What is your date of birth?	- MONTH YEAR
A6. What racial or ethnic group do you cor WHITE, NON-HISPANIC	1
BLACK, NON-HISPANIC	
WHITE, HISPANIC	
BLACK, HISPANIC	
AMERICAN INDIAN/ALASKA NAT	
ASIAN/PACIFIC ISLANDER	
OTHER (SPECIFY)	7
REFUSED	
UNKNOWN	9
A8. How many individuals currently live in	refused, and 9 for unknown or blank responses.) n your household? _
SECTION B: CLINICAL INFORMATION	ON
(The questions in this section relate to sympappropriate if the questionnaire is being us Now I would like to ask you some question	
B1. What was the approximate date your s	ymptoms began? _ - - MM DD YY
B2. Do you currently have these symptoms	s?
YES	1
NO	2
REFUSED	8
UNKNOWN	9
	ns? (RECORD AS NUMBER OF DAYS. CROSS CHECK THE E DATE OF THE INTERVIEW FROM THE DATE OF ONSET OF
	mptoms? (READ AND CIRCLE ALL THAT APPLY. CLARIFY RRHEA IS THREE OR MORE LOOSE OR WATERY STOOLS IN A
Diarrhea	01
Nausea	02
Vomiting	03
Fever	04
Loss of weight or appetite	05
Cramping	06

Gas...... 07

	ID: <u> </u>
Headache	08
Other (SPECIFY)	. 77
REFUSED	
UNKNOWN	99
NO SYMPTOMS	00 (GO TO B12)
B5. Have you consulted a health care provi	ider for your symptoms?
YES	1
NO	2 (GO TO B8)
REFUSED	,
UNKNOWN	9 (GO TO B8)
B6. What was his or her name, address, and	d telephone number?
B7. What was the diagnosis? (RECORD T LATER.)	HE RESPONDENT'S ANSWER VERBATIM AND CODE
B8. Has any laboratory work been done, s	uch as a blood test and/or a stool examination?
YES	1
NO	
REFUSED	8 (GO TO B10)
UNKNOWN	9 (GO TO B10)
B9. What were the results of the test(s)? (R VERIFY WITH THE LAB AND COD BLOOD STOOL	
B10. Were you hospitalized as a result of you	our symptoms?
YES	· ·
NO	
REFUSED	
UNKNOWN	9 (GO TO B12)
B11. How many days were you hospitalize	d?
	tem ? In other words, are you HIV positive, receiving cancer
chemotherapy, or an organ transplant	recipient'?
YES	1
NO	2
REFUSED	8
UNKNOWN	9
B13. Had you regularly been taking any me	edication before your symptoms began?
YES	1
NO	2 (GO TO LINE BEFORE B15)
REFUSED	8 (GO TO LINE BEFORE B15)
UNKNOWN	9 (GO TO LINE BEFORE B15)
B14. Tell me the name of this (these) m VERBATIM AND CODE LATER.)	edications. (RECORD THE RESPONDENT'S ANSWER

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IF	RESPON	DENT I	JVES A	LONE.	GO TO	SECTION	C

D13.	Are other members of your household ill w YES	1
	NO	2 (GO TO SECTION C)
	REFUSED	8 (GO TO SECTION C)
	UNKNOWN	9 (GO TO SECTION C)
B16.	How many members are ill? (CODE 88 FOR	REFUSAL, 99 FOR UNKNOWN.) _
B17.	What is his (her, their) relationship to you, an	
	RELATION _ _	$AGE \mid \underline{\hspace{0.5cm}} \mid \underline{\hspace{0.5cm}} \mid $ $GENDER (M=1, F=2) \mid \underline{\hspace{0.5cm}} \mid$
	RELATION _ _	$AGE \mid \underline{\hspace{0.5cm}} \mid \hspace{0.5c$
	RELATION _	AGE GENDER (M=1, F=2)
SEC	TION C: EXPOSURE INFORMATION	
(Que	estions in this section should be added, deleted	d, and/or tailored to the specific situation being investigated,
and i	to whether the respondent is a case or control	patient. The time of reference should be between 2 and 4
week	ss before the onset of the illness.)	
I wo	uld like to move on to some questions about h	now you might have acquired your illness. First, I would like
		ne 2 weeks <u>before</u> you became ill. (EMPHASIZE THE TIME
	ME OF INTEREST.)	ie 2 weeks <u>before</u> you became iii. (EMITIMSIZE THE TIME
ı	WIE OF INTEREST.)	
C1.	What were your sources of drinking water at	thome? (READ AND CIRCLE ALL THAT APPLY.)
	Municipal water from the tap	1 (GO TO C4)
	Municipal water processed with a hom	
	Well water	3 (GO TO C4)
	Commercially bottled water	
	(SPECIFY NAME)	
	Other (SPECIFY)	
	REFUSED	
	UNKNOWN	· · · · · · · · · · · · · · · · · · ·
C2	Which brand(s) and model(s) of water filter	have you been using? (CODE 8 FOR REFUSED AND 9
O2.	FOR UNKNOWN.)	mare you deen assing. (CODE of SICILE) CODE IN ID
	Brand(s)	1 1
	Diand(s)	
	Model(s)	
C3	When was the last time you changed the filte	er element? (CODE 8 FOR REFUSED AND 9 FOR
<i>C</i> J.		- _ _
	MM	
C4.	What were your sources of drinking water at APPLY.)	t school or at work? (READ AND CIRCLE ALL THAT
	Municipal water from the tap	01
	Municipal tap water with more filtration	
	Municipal tap water filtered at home an	
	Well water	
	Commercially bottled water	
	(SPECIFY NAME)	
	Other (SPECIFY)	
	(-)	·

		ID: _ _ _
	REFUSEDUNKNOWNDOES NOT GO TO SCHOOL OR WORK	88 99 00
C5.	Before you became ill, on average, how many glasses of water NUMBER FOR HOME AND SCHOOL/WORK CONSUMEREFUSED, 9s FOR UNKNOWN, AND 0s FOR NOT APPLE _	PTION SEPARATELY. FILL IN 8s FOR
C6.	What was your usual source of ice during the 2 weeks before ALL THAT APPLY.) Tap water from your home	you became ill? (READ AND CIRCLE
	Does not use ice	
C7.	During the 2 weeks before you became ill, did you drink any or lemonade, at a restaurant, picnic, fair, or other social event YES	
C8.	What was the name, date, and location of the event(s)? NAME	_ _
	LOCATION	_ L
	DATE _ _ - _ - _ MM DD YY (Duplicate this information for each restaurant and/or e	event.)
C9.	During the 2 weeks before you became ill, did you swim in a YES	pool, lake or river?
C10.	Where did you swim? BODY OF WATER	. _
	LOCATION	_ _
C11.	Do you remember if you put your face in the water? YES	

UNKNOWN......9 (GO TO C15)

	ID: _ _ _
C12.	Did you get any of the water in your mouth?
	YES1
	NO2 (GO TO C15)
	REFUSED8 (GO TO C15)
	UNKNOWN9 (GO TO C15)
C13.	Do you remember accidentally swallowing any of the water?
	YES1
	NO2 (GO TO C15)
	REFUSED8 (GO TO C15)
	UNKNOWN9 (GO TO C15)
C14.	Please estimate how much water you swallowed. (READ.)
	A mouthful 1
	Several mouthfuls
	The equivalent of a glass
	REFUSED 8
	UNKNOWN 9
C15.	During the 2 weeks before you became ill, did you bathe in a hot tub or jacuzzi?
	YES1
	NO
	REFUSED8 (GO TO INTRO BEFORE C17)
	UNKNOWN9 (GO TO INTRO BEFORE C17)
C16.	Where did you bathe in this hot tub or jacuzzi?
	LOCATION
Now	I would like to concentrate on your exposure to food during the 2 weeks <u>before</u> you became ill. (EMPHASIZE THE TIME FRAME OF INTEREST AGAIN.)
C17.	During an average week, how many meals did you eat outside your home, including breakfast, lunch, and dinner, and any take out food ordered and brought home? (CODE 00 FOR NONE, 88 FOR REFUSED, AND 99 FOR UNKNOWN. IF NONE, THEN GO TO C19.) NUMBER OF MEALS _
C18.	How is food served at these restaurants? (READ AND CIRCLE ALL THAT APPLY.) Take-out or Drive-thru
C19.	During the 2 weeks before you became ill, how many times did you eat the following food items? (CODE 0 FOR NONE, 8 FOR REFUSED, AND 9 FOR UNKNOWN.) Lettuce or garden salad

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C20.	During the 2 weeks before you became ill, did and/or eat any unpasteurized products?	l you drink unpasteurized milk, unpasteurized apple juice,
	YES	1
	NO	2 (GO TO C22)
	REFUSED	8 (GO TO C22)
	UNKNOWN	9 (GO TO C22)
C21.	What unpasteurized product(s) did you eat?	1 1
	A SPECIFY	CODE
	В	
	C	
	D	
C22.	During the 2 weeks before you became ill. did	l you begin eating any new health foods or begin using any
	new dietary supplements?	, , g
	YES1	
	NO2 (GO 7	ГО C24)
	REFUSED8 (GO	
	UNKNOWN9 (GO	
	(,
C23.	What were these new products?	
	<u> </u>	
	A SPECIFY C	ODE
	B	·—·
	\overline{C}	
	D	 -
C24.	During the two weeks before you became ill,	did you use any nontraditional or
	alternative treatments or therapies?	
	YES1	TO CO 10
	NO2 (GO 7	
	REFUSED8 (GO	
	UNKNOWN9 (GO	TO C26)
C25.	What product(s) did you use?	
		
	A SPECIFY C	ODE
	В	
	C	
	D	
C26.	Before you became ill, where did you do mos THAT APPLY.)	t of your grocery shopping? (READ AND CIRCLE ALL

(List and code groceries found in the location being investigated. If there are specialty markets or stores, make sure to collect information on what products were bought at each store.)

ID: _ _
receptions, banquets, or
THE DATE OF THE
DD YY
the United States?

C27.	During the 2 weeks before you be (READ AND CIRCLE ALL THA		go to any of the following bars, clubs, and/or discost
	(List clubs, bars etcfound in the	location being i	nvestigated and code.)
C28.	During the 2 weeks before you be other events? YES	1 2 (GO TO I 8 (GO TO I	NTRO BEFORE C30)
C29.	What event(s) did you attend? (REVENT(S).)	RECORD THE T	YPE, THE LOCATION, AND THE DATE OF THE
	EVENT		
	LOCATION		MM DD YY
	(Duplicate this information for ed	ach event.)	
	I would now like to ask you a few	v questions about	your travel history.
C30.	During the 2 weeks before you be YESNOREFUSEDUNKNOWN	1 2 (GO TO C 8 (GO TO C	C32) C32)
C31.	Please give me the locations and	the number of da	ys you spent at each location.
	A LOCATION	CODE	DAYS
	В	- ''	_
	C	-	_
	D	_	
C32.	During the 2 weeks before you be YES	1 2 (GO TO C 8 (GO TO C	C34)
C33.	Please give me the name of the ci	ities and states, ar	nd the number of days you spent in each state.
	A CITY/STATE	CODE	DAYS
	В	-	_
	C	-	III
	D	_	II

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	YES NO		NTRO BEFORE C36)	
	REFUSED	*	· · · · · · · · · · · · · · · · · · ·	
	UNKNOWN			
C35	Please tell me which country (ies) and the number	of days you spent in each co	nintry
C33.	Trease ten me when country (runti y.
	A COUNTRY	CODE	DAYS	
	В			
	C			
	D			
	Next, I would like to ask you s	some questions abou	at person to person and perso	n to animal exposures.
~	•	_		_
C36.	During the 2 weeks before you	•	work or go to school outsid	e of your home?
	YES NO			
	REFUSED			
	UNKNOWN			
	UINKINO WIN			
C37.	During the 2 weeks before you	ı became ill, were y	ou involved in any of the fol	lowing types of activitie
	(READ AND CIRCLE ALL T		,	C 71
	Food handling	1 (GO TO C38)	
	Child care		GO TO C39)	
	Animal care outside of h	ousehold 3 (GO TO C40)	
	Patient care	4 (GO TO C41)	
	Other (SPECIFY)	7 (GO TO C42)	
	REFUSED	,	GO TO C42)	
	UNKNOWN	9 (GO TO C42)	
		preparation were ye	ou involved with? (READ A	ND CIRCLE ALL THA
C38.				
C38.	APPLY.)			
C38.	APPLY.) Hot food preparation			
C38.	APPLY.) Hot food preparation Cold food preparation		2	
C38.	APPLY.) Hot food preparation Cold food preparation As server or waiter		2 3	
C38.	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender		2 3 4	
C38.	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ	nizer	2 3 4 5	
C38.	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ Other (SPECIFY)	nizer	2 3 4 5 7	
C38.	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ Other (SPECIFY) REFUSED	nizer	2 3 4 5 7 8	
C38.	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ Other (SPECIFY)	nizer	2 3 4 5 7	
	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ Other (SPECIFY) REFUSED UNKNOWN	nizer	2 3 4 5 7 8 9	LL THAT APPLY.)
	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ Other (SPECIFY) REFUSED	nizer	2 3 4 5 7 8 9	LL THAT APPLY.)
	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ Other (SPECIFY) REFUSED UNKNOWN What type of child care work of the control of	nizer	2 3 4 5 7 8 9	LL THAT APPLY.)
	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ Other (SPECIFY) REFUSED UNKNOWN What type of child care work of the control o	were you involved in	2 3 4 5 7 8 9	LL THAT APPLY.)
	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ Other (SPECIFY) REFUSED UNKNOWN What type of child care work of the control of the child care of the control of the contr	were you involved interest.	2 3 4 5 7 8 9 n? (READ AND CIRCLE A	LL THAT APPLY.)
	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ Other (SPECIFY) REFUSED UNKNOWN What type of child care work of the control of the child care of the control of the contr	were you involved in the enter.	2 3 4 5 7 8 9 n? (READ AND CIRCLE A	LL THAT APPLY.)
	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ Other (SPECIFY) REFUSED UNKNOWN What type of child care work of the control of home child care of the control of the con	were you involved in the senter	2 3 4 5 7 8 9 n? (READ AND CIRCLE A 1	LL THAT APPLY.)
	APPLY.) Hot food preparation Cold food preparation As server or waiter As bartender As salad bar/buffet organ Other (SPECIFY) REFUSED UNKNOWN What type of child care work out of home child care of (SPECIFY NAME) In-home child care center. Out of home babysitter	were you involved interest.	2 3 4 5 7 8 9 n? (READ AND CIRCLE A 1	LL THAT APPLY.)

	_	 	 	
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C40.	What type of animal care were you involved in?	(READ AND CIRCLE ALL THAT APPLY.)
	Work in a pet store	1
	Work on a farm	2
	Work on a dairy farm	3
	Dog walker	4
	Dog groomer	5
		-
	Veterinarian	6
	Other (SPECIFY)	7
	REFUSED	8
	UNKNOWN	9
C41.	What type of patient care were you involved in?	(READ AND CIRCLE ALL THAT APPLY.)
	Physician	1
	Nurse	2
	Nurse's aid	3
	Home health care worker	_
		7
	Other (SPECIFY)	•
	REFUSED	8
	UNKNOWN	9
C42.	Do you have children in out of home child care?	
	YES	1
	NO	2 (GO TO LINE BEFORE C44)
	REFUSED	8 (GO TO LINE BEFORE C44)
	UNKNOWN	9 (GO TO LINE BEFORE C44)
	UNKINO WIV	9 (GO TO LINE BEFORE C44)
C43.	Where is the out of home child care located?	
	NAME/ADDRESS	
		LESS, ASK QUESTION C44. OTHERWISE GO TO
	QUESTION C46.	
C44.	Does the child who is ill attend a child care center	·?
	YES	1
	NO	2 (GO TO C46)
	REFUSED	8 (GO TO C46)
	UNKNOWN	9 (GO TO C46)
~ . .		
C45.	Where is the child care center located?	
	NAME/ADDRESS	<u> </u>
C46.	During the 2 weeks before you became ill, did yo	
	including (READ AND CIRCLE ALL THAT API	
	Teenagers or adults(SPECIFY)	1
	Children	2
	(SPECIFY)	-
	Animals	3
	(SPECIFY)	
	REFUSED	8
	UNKNOWN	9

C47.	During the 2 weeks before you became ill, did you visit a person who was ill with an intestinal problem,				
	e.g., diarrhea, nausea, or vomiting?				
	YES	1			
	NO	2 (GO TO C49)			
	REFUSED	8 (GO TO C49)			
	UNKNOWN	9 (GO TO C49)			
C48.	Where did you visit this person? (READ.)				
	In a hospital	1			
	In a nursing home	2			
	In a hospice	3			
	At their home	4			
	Other location	7			
	(SPECIFY)				
	REFUSED	8			
	UNKNOWN	9			
C40	During the 2 weeks before you become ill di	A von visit anyone in a besnital musing home and/on			
C49.	hospice?	I you visit anyone in a hospital, nursing home, and/or			
	YES	1			
	NO	2 (GO TO C52)			
	REFUSED	8 (GO TO C52)			
	UNKNOWN	9 (GO TO C52)			
	61122 16 111 1111	y (35 15 50 <u>2</u>)			
C50.	What is this person's relationship to you, and RELATION AG	his or her age and gender? E _ GENDER (M=1, F=2)			
Q#1					
C51.	Where was this person located?				
	LOCATION	<u> </u>			
C52.	During the 2 weeks before you became ill, did	d you come in contact with children in diapers?			
	YES	1			
	(SPECIFY)				
	NO	2			
	REFUSED	8			
	UNKNOWN	9			
052	Delay de 2 de la la france de la coma 'II d'	to a construction of the construction to the construction of			
CSS.	·	I you come in contact with young animals, that is animals			
	who are less than 6 months of age?	1			
	YES	1			
	NO	2 (GO TO INTRO BEFORE C56)			
	REFUSED	8 (GO TO INTRO BEFORE C56)			
	UNKNOWN	9 (GO TO INTRO BEFORE C56)			
C54.	How did you come in contact with these young animals? For example, were they (READ AND CIRCLE				
	ALL THAT APPLY.)				
	Pets in a house	1			
	Animals on a farm	2			
	Animals in a petting zoo	3			
	Other (SPECIFY)				
	REFUSED				
	UNKNOWN	9			

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C55. What types of young animals did you come in contact with? (*List appropriate animals for this investigation or leave open ended as needed.*)

Finally, I would like to ask you a few questions about possible sexual exposures. Some of these questions may be very personal. I would like to remind you that you may refuse to answer any question at any time.

(Design questions C56 and on to collect information on sexual practices that could involve oral exposure to fecal matter.)

I would like to thank you very much for your time and cooperation in answering my questions.

END OF QUESTIONNAIRE