ridium
Gial lamblia Cyclospo
Fintamoeba
ic Ac anovil Astroviruses, Sal a, Shigella npylobacter,
stri ium by
Clostridium at Sacillus
s, Listeria, C
iviruses
ivirus/SRSV,
Campylobac coli (TEC/V E. c. ther),
cillus cereus,
prival viru es/Caliciv s/SRS, Enteric novirus
Cother) ibrio (ersinia, C. dium by
tum, Cl National Studies on Acute Gastrointestinal Illness Ia, Clostridium botulinum, Clostridium (other), Bacillus cereus, Listeria, Cryptosporidium tolytica, Rotaviruses, Norwalk-like virus Da rirus/SRSV, Enteric Activity, Bacillus Co s, Iii (Other) (Iii (Other) (Iii) (Other) (Iii) (I m (other), Bacillus pereus, Listeria, Cryptosporidium, Giardia lamblia, Cyclospora, Entais, Norwalk-like vir s/Calicivirus/SRSV, Enteric Adenoviru , Astroviruses, Salmonella, Shi (Cyc), ptosporious 3ii a sto a, ti ses, o one of the company of the lamblia, Cyclospora, Entamoeba histolytica, Republica, Health Canada

National Studies of Acute Gastrointestinal Illness (NSAGI)

2001 Laboratory Survey

Please return before DATE

INTRODUCTION

This survey is strictly confidential. No laboratory or individual identifiers will appear in any reports or papers arising from this study. If you have any questions, please do not hesitate to contact the co-ordinator of this study:

James Flint

Tel: (519) 826 2260 james_flint@hc-sc.gc.ca

Thank you for your time in completing this form, your assistance is appreciated.

Please follow the SKIP patterns carefully Please ignore numbers inside check boxes, they are for data entry purposes only Throughout this questionnaire 'STOOL' refers to WHOLE STOOL or RECTAL SWAB $N/A = not \ applicable$

SECTION A: General Information

1.	Which of the following best describes your laboratory?
	Hospital based laboratory
	2 Private laboratory
	3 Other, specify
2.	Which of the following descriptions characterise the population served by your laboratory? (check all that apply)
	Patients seen at a tertiary care hospital (that is, a major referral hospital for the area) and/or its affiliated clinics
	Patients seen at a primary care community hospital and/or affiliated clinics
	Patients seen in private physicians' offices and/or other outpatient clinics
	4 Other, specify
3.	Does your laboratory have level 3 containment capabilities to work with risk group 3 pathogens?
	☐ YES [SKIP to Q5]
	² NO
	99 Don't know
4.	If no, would your laboratory have sufficient access to such a laboratory capacity if needed in Canada?
	YES
	² NO

5.	Don't know Is your laboratory able to study environmental samples (e.g. sewage, soil) for enteric pathogens? I YES NO Don't know
6.	Does your laboratory receive any stool specimens to test for the presence of enteric bacterial pathogens, microbial toxins, ova and parasites or viruses? (check YES even if you refer all specimens received by your laboratory to another laboratory) YES NO Stop here and return the questionnaire, thank you for your contribution
,	SECTION B: Primary Culture and Toxin Testing of Enteric Bacterial Pathogens
7.	Does your laboratory perform on-site testing of stool specimens submitted for isolation of enteric bacterial pathogens? 1 YES 2 NO SKIP to Q9 9 N/A, our laboratory does not receive stool for culturing enteric bacterial pathogens SKIP to Q37
8.	On average, approximately what percentage of the stool specimens received by your laboratory for culturing of enteric bacterial pathogens are referred to an off-site laboratory for primary culturing each month? On average, approximately % of stool specimens NOTE: If "0%" (you refer no specimens), SKIP to Q12
9.	When you refer a stool specimen to an off-site laboratory for culturing of enteric bacterial pathogens, how frequently does that laboratory report, a) positive results back to your laboratory? b) negative results back to your laboratory? 1 2 3 4 5 99
10.	If a reportable enteric bacterial pathogen (or condition due to enteric bacterial pathogen) is identified in a referred specimen, who reports the positive finding to the local/regional health authority? (check all that apply) 1 Your laboratory (i.e. the laboratory that initially received the stool specimen) 2 Testing laboratory (i.e. the laboratory that received the referred specimen and isolated the enteric bacterial pathogen) 9 Don't know
11.	Approximately what percentage of stool specimens arrive to your laboratory in a condition that requires them to be rejected without referral? On average, approximately % of stool specimens
	

NOTE: reasons for rejection of a stool specimen may include: not enough stool was provided; the stool collection container arrived damaged; there was an excessive time delay between collection and receipt at laboratory; the specimen arrived without transport media etc.

12.	How many stool specimens were <u>examined for enteric bacterial</u> pathogens (excluding <i>C. difficile</i>) <u>in your laboratory</u> in the year 2000 (i.e. from 1 January 2000 to 31 December 2000 OR 1 April 2000 to 31 March 2001)?
	Total number of specimens <u>examined</u>
	NOTE: If "0" SKIP to Q37 (if you refer all specimens, enter "0" and skip to Q37)
	12b. Is this number from records, or is it an estimate? (please use records if available)RecordsEstimate
	12c. Approximately what percentage of these stool specimens come from <u>outpatients</u> ?
	Approximately % of stool specimens
13.	Of those specimens tested, how many were <u>positive</u> for an enteric <u>bacterial</u> pathogen (excluding C. difficile)?
	Total number of <u>positive</u> specimens
	13b. Is this number from records, or is it an estimate? (please use records if available) Records
	2 Estimate
14.	How many stool specimens were <u>examined</u> for <u>C. difficile</u> in your laboratory in the year 2000 (i.e. from 1 January 2000 to 31 December 2000 OR 1 April 2000 to 31 March 2001)?
	Total number of specimens <u>examined</u>
	NOTE: If "0" SKIP to Q16
	14b. Is this number from records, or is it an estimate? (please use records if available) Records
	2 Estimate
15.	Of those specimens tested, how many were <u>positive</u> for <u>C. difficile</u> ? (note, a positive result may be defined by culture or toxin detection)
	Total number of positive specimens
	15b. Is this number from records, or is it an estimate? (please use records if available)
	Records
	2 Estimate
16.	On average, approximately what <u>percentage</u> of stool specimens received by your laboratory each month (for culturing of enteric bacterial pathogens) are <u>rejected</u> without culturing or referral?
	On average, approximately % of stool specimens

NOTE: reasons for rejection of a stool specimen may include: not enough stool was provided; the stool collection container arrived damaged; there was an excessive time delay between collection and receipt at laboratory; the specimen arrived without transport media etc.

17.		ow often are the stool specimens received for examination on anner:	f enteric			-	he follow	ing
			01/00/0	Odinos	son din	8% 18% S	10 10 10 10 10 10 10 10 10 10 10 10 10 1	goritu
	a)	as stool with transport media	1	2	3	4	5	99
	b)	as stool without transport media (on ice or refrigerated)	1	2	3	4	5	99
	c)	as stool without transport media (not on ice, not refrigerated)	1	2	3	4	5	99
18.	Wł	nen your laboratory receives a stool specimen <u>without</u> trans	port me	dia, do y	ou:			
	1	Perform usual routine tests						
	2	Perform routine tests under certain conditions (e.g. if the speci collection)	men is re	eceived v	vithin a c	ertain tim	e period f	following
	3	Perform a limited range of tests						
	4	Perform a limited range of tests under certain conditions (e.g. following collection)	if the spe	ecimen is	received	l within a	certain tir	me period
	5	Reject the specimen						
	6	N/A, our laboratory has not received a stool specimen without	transpor	t media				
	99	Don't know						
13.	2	Yes Yes, except when testing for the following pathogen(s) is/are s No No, except when testing for the following pathogen(s) is/are spontagen(s) is/are spontagen(s) is/are spontagen(s) is/are spontagen(s) is/are spontagen(s)	pecifical	ly reques	ted:		ery etc.,;	
20.		es your laboratory have a limit on the <u>number</u> of stool spec thogens from a single <u>outpatient</u> ?	imens y	ou will a	ccept fo	r culture	of enteri	c bacterial
	1	YES, please specify:						
		i) No more than specimen(s) accepted per	day(s)				
		ii) Other criteria (please describe briefly)		,				
	2] NO						
	3	N/A, our laboratory does not receive stool specimens for enter	ic hacter	ial culture	e from oi	ıtnatients		
	99	Don't know						
21.		es your laboratory have a limit on the <u>number</u> of stool spec thogens from a single <u>inpatient</u> ?	imens y	ou will a	ccept fo	r culture	of enteri	c bacterial
	1	YES, please specify:						
		i) No more than specimen(s) accepted per	dav(s)				
		ii) Other criteria (please describe briefly)		. •				

	2	NO								•••••												
	_			ır lah	orato	ry doe	es not r	eceive	stool (snecime	ens for a	≥nte	ric h	act	erial cult	ure froi	m inna	atients				
	_			now	orato	ry doc	,5 1100 1	COCIVO	31001	эрссинс	2113 101 (SIIIC	110 1	Jact	criai cait	are iroi	II IIIpe	itionito				
22.	Doe	s yo	our	labo											n submit pitalizati		m an	inpat	ient f	for ent	eric	
	_		-	lease	-						-				,							
		i)			•	•	ed if p	atient ł	nas bee	en hosp	italized	for			day(s) unles	s requ	ested	by pl	hysicia	n	
		ii)					se des						Ĺ			,			- 7 1	,		
		•				VI			3,													
	=	NO																				
	3	N/A	۸, ٥١	ur lab	orato	ry do	s not r	eceive	stools	specime	ens for e	ente	ric b	act	erial cult	ure fro	n inpa	atients	;			
	99	Dor	n't k	now																		
23.										received (check				atie	<u>ent,</u> whic	ch of tl	ne fol	owing	g ent	eric ba	acterial	
	_	_				u ioi	ii youi	Iaboi	atory :	(CHECK	all lila	ιaμ	лу <i>)</i>									
	=			onas 								,										
	=			/lobad		pp							_	01								
	3	Clo	stri	dium	spp										TEC/STEC		_					
	4	E. c	coli		-	whic	h virule	nce gr	oup/se	erotype (ratory?	do you	\langle	_		PEC (ente	•	_					
							ck all th			ratory?					HEC (ente		_		li)			
	5	Ple	sioi	nona	s spp								e f		EC (ente	_						
	=			nella									g		EC (enter		e <i>⊑. c</i> o	OII)				
	=			a spp									h		nei, speci one			•••••	•••••	•••••		
	_	Vibi	_										_		,,,, <u>,</u>							
	=																					
	=			ia spp																		
	10	Oth	er,	pleas	e spe	ecity											•••••					
24.	In ac	<u>ddit</u> ch o	ion of th	to the	e en Iowii	teric na en	ວacteri teric b	al patl acteria	hogen: al path	s you r	outinel do vou	y cu tes	ıltur t foı	e w	hen tes your lat	ting st orator	ool sp v if si	ecim ecifi	ens f callv	rom <u>o</u> reques	<u>utpatier</u> sted bv	<u>ıts</u> ,
							hat app			3					,		<u> </u>				<u> </u>	
	1	Aer	от	onas	spp																	
	2	Car	тру	/loba	ter s	рр						(a	01	157							
	3	Clo	stri	dium	spp								_		rec/stec	(veroto	xigeni	c <i>E. cc</i>	oli)			
	=					whic	h virule	ence ai	oup/se	erotype	do vou	Į	_		PEC (ente							
						also	identify	in yοι	ur İabol	ratory?	,		_		HEC (ente							
						•	ck all th	ат арр	oly)				е	ET	TEC (ente	rotoxige	nic <i>E</i> .	coli)				
	=			nona									f	EII	EC (enter	oinvasiv	e <i>E. c</i>	oli)				
	6	Sali	mo	nella	spp								g	Ot	her, spec	fy		•••••	•••••			
	7	Shi	geli	a spp	1							(h	No	one							
	8	Vibi	rio .	spp																		
	9	Yer	sin	ia spp	,																	
	10	Oth	er,	pleas	e spe	ecify																
	_									se patho												

25 .	when performing a <u>routine</u> culture of stool received from pathogens are tested for in your laboratory? (if same as a	
	99 Same as an outpatient	
_	Aeromonas spp	
	2 Campylobacter spp	(a O157
	3 Clostridium spp	VTEC/STEC (verotoxigenic <i>E. coli</i>)
	4 E. coli → which virulence group/serotype do you	\
	also identify in your laboratory? (check all that apply)	EHEC (enterohemorrhagic <i>E. coli</i>)
	5 Plesiomonas spp	ETEC (enterotoxigenic <i>E. coli</i>) EIEC (enteroinvasive <i>E. coli</i>)
	Salmonella spp	Other, specify
	Shigella spp	None
	8 Vibrio spp	
	9 Yersinia spp	
	Other, please specify	
26.	In addition to the bacteria you routinely culture when test following enteric bacterial pathogens do you test for in you (if same as an outpatient, check the first box only) 99 Same as an outpatient 1 Aeromonas spp 2 Campylobacter spp	
	3 Clostridium spp	VTEC/STEC (verotoxigenic <i>E. coli</i>)
	4 E. coli → which virulence group/serotype do you also identify in your laboratory? (check all that apply)	EPEC (enteropathogenic <i>E. coli</i>) EHEC (enterohemorrhagic <i>E. coli</i>) ETEC (enterotoxigenic <i>E. coli</i>)
	Plesiomonas spp	EIEC (enteroinvasive <i>E. coli</i>)
	Salmonella spp	Other, specify
	Shigella spp	h None
	Vibrio spp	
	Yersinia spp	
	Other, please specify	
	None (i.e. our laboratory only tests for those pathogens in	ndicated in Q25)
6 7		
27.	Does your laboratory use any <u>non-culture</u> methods for <u>pr</u>	rimary detection of enteric bacterial pathogens?
	YES NO SKIP to Q29	
	99 Don't Know SKIP to Q29	

28.	3. If yes, for which of the following enteric bacterial pathogens are <u>non-culture</u> methods used for <u>primary detection</u> ? Please specify species and/or serotype when appropriate (check all that apply)														
	1 Aeromonas spp														
	2 Campylobacter spp														
	3 Clostridium spp														
	4 E. coli O157														
	5 E. coli (other)														
	6 Plesiomonas spp														
	7 Salmonella spp														***************************************
	8 Shigella spp														
	Vibrio spp														
	10 Yersinia spp														
	Other, please speci	fy													
				***************************************								***************************************			***************************************
29	Do you ever send ente	ric hac	orial is	olates	(which	h vou l	nave c	ultured	in vou	r lahor	atory)	to the	nrovir	ncial ni	ıblic
20.	health laboratory?	iic bac	eriai <u>is</u>	orates	(WITIC	ı you i	iave c	untuneu	iii you	i iabor	atory)	to the	piovii	iciai pi	abile
	1 YES														
	2 NO SKIP to Q31														
	99 Don't know SKIP t	to Q31													
30.	0. For the following pathogens, approximately what percentage of isolates cultured in your laboratory are sent to the provincial public health laboratory during an average month/year? (please indicate percentage of non-outbreak related isolates and outbreak related isolates separately in box i and ii)														
	N/A = not applicable, do	not tes	for this	patho	gen in	our lab	oratory	,							
	[i. N	on-out	break	related	l isolat	es		[i	i. Outb	reak re	elated	isolate	es	\Box
				10 Ag	0 0_				_0/0_	80.	, \delta \delta \equiv \langle	0/0,			ا مرتب
		100%	80.89		1, 10%	0/0	MA	80rich	100%	82,	, 5.6g	, 1/8/p	0%	Mr.	dorivation
	a) Aeromonas spp	1	2	3	4	5	6	99	1	2	3	4	5	6	99
	b) Campylobacter spp	1	2	3	4	5	6	99	1	2	3	4	5	6	99
	c) Clostridium spp	1	2	3	4	5	6	99	1	2	3	4	5	6	99
	d) E. coli O157	1	2	3	4	5	6	99	1	2	3	4	5	6	99
	e) E. coli other	1	2	3	4	5	6	99	1	2	3	4	5	6	99
	f) Plesiomonas spp	1	2	3	4	5	6	99	1	2	3	4	5	6	99
	g) Salmonella spp	1	2	3	4	5	6	99	1	2	3	4	5	6	99
	h) <i>Shigella spp</i>	1	2	3	4	5	6	99	1	2	3	4	5	6	99
	i) <i>Vibrio spp</i>	1	2	3	4	5	6	99	1	2	3	4	5	6	99
	j) Yersinia spp	1	2	3	4	5	6	99	1	2	3	4	5	6	99
	k) Other, specify	1	2	3	4	5	6	99	1	2	3	4	5	6	99

SECTION C: Antimicrobial Susceptibility Testing

31.	Do	you ever perform antimic	robial se	ensitivity	testing	on enteri	c bacteri	ial patho	gens isol	ated in y	our labor	atory?
	1	YES										
	2	NO SKIP to Q37										
	99	Don't Know SKIP to Q3	7									
32.	Hov	v frequently do you perfo	rm sens	itivity tes	stina in v	our labo	ratory o	n the follo	owina en	teric bac	terial nat	hogens?
									·····g ···		roman para	
	IN/A	= not applicable, do not te		-	n in our ia	aboratory 9						
			200	Control of the contro	SOLO TO	101/0/0	\		×			
			dinogolo	(0)00	20 TO	(N, V)	70,00	MA	dorit m			
	a)	Aeromonas spp	1	2	3	4	5	6	99			
	b)	Campylobacter spp	1	2	3	4	5	6	99			
	c)	Clostridium spp	1	2	3	4	5	6	99			
	d)	E. coli O157	1	2	3	4	5	6	99			
	e)	E. coli other	1	2	3	4	5	6	99			
	f)	Plesiomonas spp	1	2	3	4	5	6	99			
	g)	Salmonella typhi	1	2	3	4	5	6	99			
	h)	Salmonella paratyphi	1	2	3	4	5	6	99			
	i)	Salmonella typhimurium	1	2	3	4	5	6	99			
	j)	Salmonella other	1	2	3	4	5	6	99			
	k)	Shigella spp	1	2	3	4	5	6	99			
	l)	Vibrio spp	1	2	3	4	5	6	99			
	m)	Yersinia spp	1	2	3	4	5	6	99			
	n)	Other, please specify	1	2	3	4	5	6	99			
33.	What (che	at method(s) are commoreck all that apply)	nly used	in your l	aborator	y for sen	sitivity t	esting or	n enteric l	oacterial	pathoge	ns?
	1	Kirby-Bauer (Disk diffusion	٦)									
	2	Broth dilution	•									
	3	Agar dilution										
	4	Vitek system										
	5	MicroScan system										
	6	Sensititre system										
	7	E-test										
	8	Other, please specify										
	99	Don't know										

34.	Why do you perform sensitivity tests on enteric bacterial pathogens? (check all that apply)								
	Because a physician/infectious disease specialist has or may request sensitivity results								
	Because it is a routine part of the laboratory or hospital testing protocol								
	Because the laboratory is participating in an antimicrobial resistance research or surveillance program								
	4 Other, please specify								
	99 Don't Know								
35.	Do you record sensitivity results quantitatively or qualitatively? (check all that apply)								
	Quantitatively (i.e. zone diameter, MIC value)								
	2 Qualitatively (i.e. abbreviations such as S, I, R)								
	99 Don't know								
36.	Do you store sensitivity results on a laboratory computer system?								
	1 YES								
	2 NO								
	99 Don't Know								
	SECTION D: Ova and Parasite Testing								
37.	Does your laboratory <u>perform on-site testing</u> of stool specimens submitted for testing of ova and parasites?								
	YES ON ONE								
	2 NO SKIP to Q39								
	N/A, our laboratory does not receive stool for culturing enteric <i>parasitic</i> pathogens SKIP to Q45								
38	On average, approximately what <u>percentage</u> of the stool specimens received by your laboratory for <u>ova and</u>								
50.	parasite testing are referred to an off-site laboratory for testing each month?								
	On average, approximately % of stool specimens								
	NOTE: If "0%" SKIP to Q41								
00									
39.	When you refer a stool specimen to an off-site laboratory for ova and parasite testing, how frequently does that laboratory report,								
	laboratory report,								
	Strong of Strong								
	a) positive results back to your laboratory?								
	b) negative results back to your laboratory? 2 3 4 5 99								
	If a reportable parasite (or condition due to an enteric parasite) is identified in a referred specimen, who reports the positive finding to the local/regional health authority? (check all that apply)								
	Your laboratory (i.e. the laboratory that initially received the stool specimen)								
	2 Testing laboratory (i.e. the laboratory that received the referred specimen and isolated the enteric parasite)								
	99 Don't know								

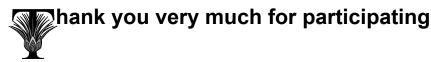
	Jan	uary 2000 to 31 Decembe	r 2000 O	R 1 April 2	2000 to 3	1 March	2001) ?		
			Total n	umber of	specimer	ns <u>examiı</u>	<u>ned</u>		
	NO	OTE: If "0" SKIP to Q45 (i	if you ret	fer all spe	ecimens,	, enter "C)" and sk	cip to Q4	5)
	41b	o. Is this number from real	cords, o	r is it an e	estimate	? (please	use reco	ords if ava	ailable)
		2 Estimate							
	41c	. Approximately what pe	ercentag	e of thes	e stool s	pecimen	s come	from <u>out</u>	patients?
		Approximately	% c	of stool sp	ecimens				
42.	Of t	those specimens tested,	how ma	ny were <u>r</u>	ositive 1	for ova a	nd paras	sites?	
			Total n	umber of	positive s	specimen	s		
	l								
	42 b	o. Is this number from re	cords, o	r is it an e	estimate	? (please	use reco	ords if ava	ailable)
		Records							
		² Estimate							
43	Do	you report to the physici	an all na	thogenic	ova and	l narasit	96 VOII 6	ee renar	dless of the test ordered?
-10.	_	YES	un un pu	unogomo	ova and	a paraon	oo you o	oo, rogui	aloos of the tool ordered.
	=	NO							
	99	Don't know							
44.	(che	ich of the following techi eck box if your laboratory ເ			e to iden)	itify the f	ollowing	parasite ر	es?
	(ch	eck all that apply)			Silop og	in.	The se	Silvestr	% ′
				, ,(ŏ)	of the stay	ision.	is Assess	jidgili .	St rost Strongs
				ir colorid	ON SOUTH ON THE PARTY OF THE PA	A RINGER			
	a)	Entamoeba		2	3	4	5	6	7
	b)	Cryptosporidium	1	2	3	4	5	6	7
	c)	Cyclospora	1	2	3	4	5	6	7
	d)	Giardia	1	2	3	4	5	6	7
	e)	Microsporidia	1	2	3	4	5	6	7
	f)	Other, specify below	1	2	3	4	5	6	7
	a)	Other, specify below	1	2	3	4	5	6	7
	g)	onici, specify below	_	_	_	_	_	_	—

41. How many stool specimens were examined for ova and parasites in your laboratory in the year 2000 (i.e. from 1

SECTION E: Viral Testing 45. Does your laboratory perform on-site testing of stool specimens submitted for enteric viral detection? YES NO SKIP to Q47 SKIP to Q52 N/A, our laboratory does not receive stool for culturing enteric viral pathogens 46. On average, approximately what percentage of the stool specimens received by your laboratory for detection of enteric viral pathogens are referred to an off-site laboratory for testing each month? % of stool specimens On average, approximately NOTE: If "0%" SKIP to Q49 47. When you refer a stool specimen to an off-site laboratory for enteric viral testing, how frequently does that laboratory report, a) positive results back to your laboratory? b) negative results back to your laboratory? 48. If a reportable enteric viral pathogen (or condition due to an enteric viruses) is identified in a referred specimen, who reports the positive finding to the local/regional health authority? (check all that apply) Your laboratory (i.e. the laboratory that initially received the stool specimen) Testing laboratory (i.e. the laboratory that received the referred specimen and identified the enteric viral pathogen) Don't know 49. How many stool specimens were examined for enteric viral pathogens in your laboratory in the year 2000 (i.e. from 1 January 2000 to 31 December 2000 OR 1 April 2000 to 31 March 2001)? Total number of specimens examined NOTE: If "0" SKIP to Q52 (if you refer all specimens, enter "0" and skip to Q52) 49b. Is this number from records, or is it an estimate? (please use records if available) Records **Estimate** 49c. Approximately what percentage of these stool specimens come from outpatients? % of stool specimens Approximately 50. Of those specimens tested, how many were positive for an enteric viral pathogen? Total number of positive specimens 50b. Is this number from records, or is it an estimate? (please use records if available) Records Estimate

51.	box	ase indicate the <u>primary</u> method of detect to indicate primary method; EM = Electron action)	ction for t Microsco	t he follow py, EIA =	ing vira l Enzyme	Immuno	assav PCF	= Polymeras	<u>ratory</u> (check e Chain
				EIR	१८९	800		S. S	
	a)	Astroviruses	1	2	3	4	5		
	b)	Enteric Adenoviruses	1	2	3	4	5		
	c)	Calicivirus/Norwalk-like/Norwalk/SRSV	1	2	3	4	5		
	d)	Rotaviruses	1	2	3	4	5		
	e)	Hepatitis A virus	1	2	3	4	5		
	f)	Other virus(es) (please describe below)	1	2	3	4	5		
		SECTION F: Reco	rding a	and Tra	ansfei	r of In	formati	on	
52.		es your laboratory have any mechanism(<u>orded</u> as multiple cases?	s) in plac	e to prev	ent repe	at speci	imens fron	n a single pat	ient being
	1	YES							
	2	NO							
	99	Don't know							
53.		w does your laboratory usually <u>report</u> no				s to the	Local/Reg	ional Medical	l Officer of
	Hea	alth or Local/Regional Health Unit/Author	rity? (che	ck all that	apply)				
	1	Email							
	2	Web-based interface							
	3	Fax							
	4	Regular mail							
	_	Telephone							
	6	Other, please specify							
	99	Don't know							
54.		en reporting to a regional health unit/aut t/authority based on,	hority is	required,	do you	selected	the appro	priate region	al health
	1	The patient's address							
	2	The physician's address							
	3	The laboratory address (i.e. the regional h	ealth auth	ority respo	onsible fo	or the are	ea in which	your laborator	ry is located)
	4	Other, please specify							
	99	Don't know							
55.	Do	es your laboratory report positive results ecimen? (i.e. you report data but send no sp	to a <u>prov</u> pecimens)	vincial pu	blic hea	ilth labo	<u>ratory</u> with	out an accon	npanying
	1	YES, please specify for what enteric patho	-	•					
	2	NO	J						
	99	Don't Know							

56. Concerning the reporting of <u>information</u> , how often are confirmed positive results reported to the <u>Local/Regional Health Unit/Authority</u> for the following pathogens?										cal/Regiona	
	NO	TE: do not answer for pa	athogen	s that a	re not is	olated in	your lal	ooratory		o golden	otion
			i and	no ^{olo} l	at Book of Strain	10°5 20.70°1		Solo Boit.	ion o	ported to the <u>Lo</u> g pathogens?	
BA	CTE	RIA	glm	COUL	Sou.	(ale	767	900	4/3,	ale	
	a)	Aeromonas spp	1	2	3	4	5	99			
	b)	Campylobacter spp							77		
	c)	Clostridium perfringens	1	2	3	4	5	99	77		
	d)	Clostridium botulinum	1	2	3	4	5	99	77		
	e)	E. coli O157	1	2	3	4	5	99	77		
	f)	E. coli other	1	2	3	4	5	99	77		
	g)	Plesiomonas spp	1	2	3	4	5	99	77		
	h)	Salmonella spp	1	2	3	4	5	99	77		
	i)	Shigella spp	1	2	3	4	5	99	77		
	j)	Vibrio spp	1	2	3	4	5	99	77		
	k)	Yersinia spp	1	2	3	4	5	99	77		
	I)	Other, please specify	1	2	3	4	5	99	77		
ΡΔ	RΔS	SITES									
	m)	Entamoeba	1	2	3	4	5	99	77		
	n)	Cryptosporidium	1	2	3	4	5	99	77		
	0)	Cyclospora	1	2	3	4	5	99	77		
	p)	Giardia	1	2	3	4	5	99	77		
	q)	Microsporidia	1	2	3	4	5	99	77		
	r)	Other, specify below	1	2	3	4	5	99	77		
	,	, , , , , , , , , , , , , , , , , , ,									
VIF	RUS	ES Astroviruses	1	2	3	4	5	99	77		
	s) t)	Enteric Adenoviruses	1	2	3	4	5	99	77		
	u)	Norwalk-like/Calicivirus/ SRSV	1	2	3	4	5	99	77		
	v)	Rotaviruses	1	2	3	4	5	99	77		
	w)	Other, specify below	1	2	3	4	5	99	77		



Your time and effort is greatly appreciated

Please mail this survey in the self-addressed stamped envelope

If you have misplaced the return envelope, please mail to the following address:

James Flint, Health Canada, Division of Enteric, Foodborne and Waterborne Disease 1 Stone Road West, 4th Floor, Guelph ON N1G 4Y2

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Did you know...

Every day, some 200 million people world-wide suffer from diarrhoea.

The fluid lost is equal to the volume of water flowing over

Victoria Falls in Zimbabwe every minute!