Cyclosporiasis National Hypothesis Generating Questionnaire (CNHGQ): Crosswalk of non-substantive changes to 2017 CHNGQ to create proposed 2018 CNHGQ

Type of change code: M = Modification, N = New addition, NO = New addition (Optional), D = Deletion, = Highlight of changes

Type of Change	Old Question/Item	New Question / Requested Change
D	1. State/local/other ID:	Request deletion of this question as it is repetitive with another data element.
N	N/A	Request addition of the next three questions to capture recent changes in laboratory practices and testing methods that may affect detection, reporting, and classification (e.g., exclusion) of reported cases of cyclosporiasis.  4. Specify type of testing laboratories (Check all that apply including confirmatory lab):  a. Clinical lab (e.g., at a hospital/clinic)  b. Commercial lab  c. State lab  d. CDC lab
N	N/A	Request addition of this question to capture recent changes in laboratory practices and testing methods.  5. Specify testing method(s) (Check all that apply including confirmatory test):  a. O&P (e.g., light microscopy, UV fluorescence microscopy, stained smears)  b. GI PCR Panel (e.g., BioFire FilmArray*)  c. PCR (Not part of a panel)  d. Lab-developed test  e. Other, specify:
N	N/A	Request addition of this question to capture recent changes in laboratory practices and testing methods.  6. Specify name(s) of lab-confirmed coinfection:
D	<b>14.</b> Have you (has your child) submitted a stool specimen for <i>Cyclospora</i> testing?  a. Yes b. Maybe c. No d. Don't know	Request deletion of this question.

Type of Change	Old Question/Item	New Question / Requested Change
M/D	7. Before this interview how many times has the case-	Recommend deletion of the additional question 7a. (If other, please specify)
	patient been interviewed about his/her illness?	<b>12.</b> Before this interview how many times has the case-patient been
	a. None	interviewed about his/her illness?
	b. Once	a. None
	c. Twice	b. Once
	d. Three times	c. Twice
	e. Other	d. Three or more times
	f. Unknown	f. Unknown
	7a. If other, please specify:	
M	The next two questions ask about the case-patient's illness.	Recommend modifying this question set to include additional symptoms to
		align the CNHGQ with the Cyclosporiasis Case Report Form (CRF). The CNHGQ
	<b>10.</b> Did you (your child) have any diarrhea (defined as loose	is used in lieu of the CRF during outbreak investigations.
	or watery stools that you do not normally have)?	
	a. Yes b. Maybe c. No d. Don't know	<b>10.</b> Have you (your child) had any of the following symptoms?
		a. Diarrhea (loose, watery stools you do not normally have)
	<b>10a.</b> What date did it start?	a. Yes b. Maybe c. No d. Don't know
	44 11 / 12 11 12 12 12	Date diarrhea started:
	11. Has you (your child's) diarrhea stopped?	Date diarrhea stopped:
	a. Yes b. Maybe c. No d. Don't know	b. Weight loss a. Yes b. Maybe c. No d. Don't know
	11a. What date did it stop?	c. Fever
		a. Yes b. Maybe c. No d. Don't know
		d. Fatigue
		a. Yes b. Maybe c. No d. Don't know
		e. Anorexia
		a. Yes b. Maybe c. No d. Don't know
		<mark>f. Nausea</mark>
		a. Yes b. Maybe c. No d. Don't know
		g. Vomiting
		a. Yes b. Maybe c. No d. Don't know
		<mark>h. Abdominal Cramps</mark>
		a. Yes b. Maybe c. No d. Don't know

Type of Change	Old Question/Item	New Question / Requested Change
D	13. Were you (your child) hospitalized overnight?  a. Yes b. Maybe c. No d. Don't know  13a. How many nights were you (you child) hospitalized? _  Hospital name: Admission Date:  Discharge Date:	Request deletion of the data element (discharge date) from this question.  12. Were you (your child) hospitalized overnight?  a. Yes b. Maybe c. No d. Don't know  12a. How many nights were you (your child) hospitalized?  12b. Admission Date:  12c. Hospital Name: (Optional)
NO	N/A	Request addition of this (optional) question to capture intrastate travel. While this data is not analyzed at the national level, state public health partners asked to include this question in the CNHGQ to prevent having to create a separate (additional) form.  13. *(Optional - for local analysis) List cities, date departed, date returned, and foods eaten in

Type of Change	Old Question/Item	New Question / Requested Change
М	<b>15b.</b> List all countries outside of the U.S. where you (your child) might have purchased or eaten foods.  a. Did not travel outside the U.S.  b. Unknown	Recommend modifying this question to capture dates traveled and location of stay for persons who traveled internationally. Many states have been reporting this information in the comments section of the CNHGQ.  15. List all countries outside of the U.S., date departed, date returned, and hotel/resort stayed in (if applicable) where you (your child) might have purchased of eaten foods during the 14 days before onset of illness a. Did not travel outside the U.S. b. Unknown
D	<ul> <li>16b. Do you know of any other ill person(s) who attended the event(s)? <ul> <li>a. Yes</li> <li>b. Maybe</li> <li>c. No</li> <li>d. Don't know</li> </ul> </li> <li>16c. If yes, please provide information on other ill person(s), including number of ill persons and relationship to you (e.g. son, mother, neighbor, friend, etc.).</li> <li>Additional comments:</li> </ul>	Request deletion of this question set.
N	N/A	Request addition of this new question to obtain concise, detailed information about other ill person(s) associated with case-patient (previously captured with multiple data elemets, now captured with one question).  17a. If yes/maybe, specify if you (your child) and the other ill person(s):  a. Live in same household b. Attended same event c. Traveled together d. Other, specify:
D	<ul> <li>The next two questions refer to shopper cards or membership cards for grocery stores and wholesale clubs.</li> <li>17a. Do you have a shopper card or membership card for any of the grocery stores or wholesale clubs mentioned above?</li> <li>a. Yes b. Maybe c. No d. Don't know</li> </ul>	Request deletion of this question.

Type of Change	Old Question/Item	New Question / Requested Change
М	<b>17b.</b> If "Yes", may we have your shopper card number(s)?	Recommend modifying the question to provide further explanation of
		potential usage of the shopping card number and creating refusal option.  18. *Shopper card #:
		*By giving your shopper card number, you are permitting retrieval of
		information regarding your purchases. This information may be shared with other public health officials to help with outbreak investigations. □ (refused
		to give shopper card #)
М	The next two questions list fresh berries eaten at home	Recommend modifying this question set to exclude the date(s) of purchase to
	and/or outside the home 14 days before case-patient illness	prevent redundancy in the CNHGQ and reduce the number of additional
	<u>began.</u>	questions. Information regarding dates is already collected in Section 4 of the questionnaire.
	<b>19.</b> Did you (your child) eat any fresh red raspberries?	<b>30.</b> Did you (your child) eat fresh red raspberries?
	a. Yes b. Maybe c. No d. Don't know	a. Yes b. Maybe c. No d. Don't know
	If eaten at home, what was the:	<b>30a.</b> If eaten at home, what was the:
	<b>19a.</b> Brand(s):	Brand(s): Place(s) purchased (names, locations):
	purchase	□ not applicable (did not eat at home)
	☐ not applicable (did not eat at home)	<b>30b.</b> If eaten outside the home, what was the:
	If eaten outside the home, what was the:	List name of establishment(s) and locations(s):
	19c. List name(s) of establishment(s):	☐ not applicable (did not eat outside the home)
	404 List Landing (s) and data (s) at	
	19d. List location(s) and date(s) of purchase	
	□ not applicable (did not eat outside the home)	
М	20. Did you (your child) eat any fresh blackberries?	Recommend modifying this question set to exclude the date(s) of purchase to
	a. Yes b. Maybe c. No d. Don't know	prevent redundancy in the CNHGQ and reduce the number of additional
	If eaten at home, what was the:	questions. Information regarding dates is already collected in Section 4 of the
	<b>20a.</b> Brand(s):	questionnaire.
	20b. Place(s) and date(s) of purchase	<b>31.</b> Did you (your child) eat fresh blackberries?
	☐ not applicable (did not eat at home)	a. Yes b. Maybe c. No d. Don't know
	If eaten outside the home, what was the:	31a. If eaten at home, what was the:
	20c. List name(s) of establishment(s):	Brand(s): Place(s) purchased (names, locations):
	20d. List location(s) and date(s) of	not applicable (did not eat at home)
	purchase	<b>31b.</b> If eaten outside the home, what was the:
	not applicable (did not eat outside the home)	List name of establishment(s) and locations(s):
		☐ not applicable (did not eat outside the home)

Type of Change	Old Question/Item	New Question / Requested Change
М	The next seven questions list leafy greens eaten at home	Recommend modifying this question set to exclude the date(s) of purchase to
	and/or outside the home 14 days before case-patient illness	prevent redundancy in the CNHGQ and reduce the number of additional
	<u>began.</u>	questions. Information regarding dates is already collected in Section 4 of the
		questionnaire.
	<b>47.</b> Did you (your child) eat any prepackaged salad mix?	<b>65.</b> Did you (your child) eat other prepackaged salad mix (not previously
	a. Yes b. Maybe c. No d. Don't know	identified above)??
	<mark>If eaten at home, what was the:</mark>	a. Yes b. Maybe c. No d. Don't know
	<b>47a.</b> Brand(s), store(s), and date(s) purchased:	<mark>65a. What were the:</mark>
	<b>47b.</b> What were the ingredients (lettuce, cabbage, carrots,	Ingredients (lettuce, cabbage, carrots, etc):
	etc):	Brand(s):
		Place(s) purchased (names, locations):
M	<b>48.</b> Did you (your child) eat any iceberg lettuce?	Recommend modifying this question set to exclude the date(s) of purchase to
	a. Yes b. Maybe c. No d. Don't know	prevent redundancy in the CNHGQ and reduce the number of additional
	If eaten at home, what was the:	questions. Information regarding dates is already collected in Section 4 of the
	a. Prepackaged b. Loose c. Topping/Garnish d. Unknown	questionnaire.
	<b>48a.</b> Brand(s):	<b>59.</b> Did you (your child) eat iceberg lettuce?
	48b. Place(s) and date(s) of	a. Yes b. Maybe c. No d. Don't know
	purchase	<b>59a.</b> If eaten at home, what was the:
	☐ not applicable (did not eat at home)  If eaten outside the home, what was the:	Type(s): a. Prepackaged b. Loose c. Topping/Garnish d. Unknown
	48c. List name(s) of establishment(s):	Brand(s):
	+oc. List Hame(s) of establishment(s).	Place(s) purchased (names, locations):
	48d. List location(s) and date(s) of	☐ not applicable (did not eat at home)
	purchase	<b>59b.</b> If eaten outside the home, what was the:
	☐ not applicable (did not eat outside the home)	List name of establishment(s) and locations(s):
		□ not applicable (did not eat outside the home)

Type of Change	Old Question/Item	New Question / Requested Change
М	49. Did you (your child) eat any romaine lettuce?	Recommend modifying this question set to exclude the date(s) of purchase to
	a. Yes b. Maybe c. No d. Don't know	prevent redundancy in the CNHGQ and reduce the number of additional
	If eaten at home, what was the:	questions. Information regarding dates is already collected in Section 4
	a. Prepackaged b. Loose c. Topping/Garnish d. Unknown	of the questionnaire.
	<b>49a.</b> Brand(s):	<b>60.</b> Did you (your child) eat romaine lettuce?
	49b. Place(s) and date(s) of	a. Yes b. Maybe c. No d. Don't know
	purchase	<b>60a.</b> If eaten at home, what was the:
	☐ not applicable (did not eat at home)	Type(s): a. Prepackaged b. Loose c. Topping/Garnish
	If eaten outside the home, what was the:	d. Unknown
	49c. List name(s) of establishment(s):	Brand(s):
		Place(s) purchased (names, locations):
	49d. List location(s) and date(s) of	□ not applicable (did not eat at home)
	purchase	<b>60b.</b> If eaten outside the home, what was the:
	☐ not applicable (did not eat outside the home)	List name of establishment(s) and locations(s):
N 4 /N 1	<b>50</b> 5:1 / 1:10 / 1 / 1 / 1	□ not applicable (did not eat outside the home)
M/N	<b>50.</b> Did you (your child) eat any mesclun lettuce (aka, spring	Recommend modifying this question set to exclude the date(s) of purchase,
	mix, field greens, baby greens, gourmet salad)?	reduce the number of additional questions, and add types(s) of mesclun
	a. Yes b. Maybe c. No d. Don't know	lettuce to provide additional exposure information on fresh produce.
	If eaten at home, what was the:	<b>61.</b> Did you (your child) eat mesclun lettuce (aka, spring mix, field greens,
	<b>50a.</b> Brand(s):	baby greens, gourmet salad)? a. Yes b. Maybe c. No d. Don't know
	□ not applicable (did not eat at home)	61a. If eaten at home, what was the:
	If eaten outside the home, what was the:	Type(s): a. Prepackaged b. Loose c. Topping/Garnish
	<b>50c.</b> List name(s) of establishment(s):	Brand(s):
	Soc. List hame(s) of establishment(s).	Place(s) purchased (names, locations):
	<b>50d.</b> List location(s) and date(s) of	□ not applicable (did not eat at home)
	purchase	61b. If eaten outside the home, what was the:
	☐ not applicable (did not eat outside the home)	List name of establishment(s) and locations(s):
	- Not applicable (did not cat outside the nome)	☐ not applicable (did not eat outside the home)
		in the applicable (and not eat outside the nome)

Type of Change	Old Question/Item	New Question / Requested Change
M	51. Did you (your child) eat any fresh cabbage?  a. Yes b. Maybe c. No d. Don't know  If eaten at home, what was the:  a. Red b. Green c. Savoy (aka, curly) d. Napa e. Bok choy  f. Brussels sprouts e. Other/Unknown  51a. Brand(s):  51b. Place(s) and date(s) of  purchase  not applicable (did not eat at home)  If eaten outside the home, what was the:  51c. List name(s) of establishment(s):  51d. List location(s) and date(s) of  purchase  not applicable (did not eat outside the home)	Recommend modifying this question set to exclude the date(s) of purchase to prevent redundancy in the CNHGQ and reduce the number of additional questions. Information regarding dates is already collected in Section 4 of the questionnaire.  62. Did you (your child) eat fresh cabbage?  a. Yes b. Maybe c. No d. Don't know  62a. If eaten at home, what was the:  a. Red b. Green c. Savoy (aka, curly) d. Napa e. Bok choy f. Brussels sprouts e. Other, specify  Brand(s): Place(s) purchased (names, locations):  not applicable (did not eat at home)  62b. If eaten outside the home, what was the:  List name of establishment(s) and locations(s):  not applicable (did not eat outside the home)
M	<b>52.</b> Did you (your child) eat any fresh spinach?  a. Yes b. Maybe c. No d. Don't know	Request addition of supplemental questions to this question to capture the brand of spinach and the location spinach was purchased/consumed in.  63. Did you (your child) eat fresh spinach?  a. Yes b. Maybe c. No d. Don't know  63a. If eaten at home, what was the:  Type(s): a. Prepackaged b. Head/ Loose c. Topping/ Garnish d. Unknown  Brand(s):  Place(s) purchased (names, locations):  63b. If eaten outside the home, what was the:  List name of establishment(s) and locations(s):
N	N/A	Request addition of this new question to capture additional exposure to fresh produce. This produce type was reported in section 4 and in the comments section during previous outbreak season.  65. Did you (your child) eat pre-made, single serving salad (e.g., ready to eat salads with toppings, meats, dressing)?  a. Yes b. Maybe c. No d. Don't know  65a. What were the:  Ingredients (lettuce, cabbage, carrots, etc.):  Brand(s):  Place(s) purchased (names, locations):

Type of Change	Old Question/Item	New Question / Requested Change
М	The next three questions list fresh herbs eaten at home	Recommend modifying this question set to exclude the date(s) of purchase to
	and/or outside the home 14 days before case-patient illness	prevent redundancy in the CNHGQ and reduce the number of additional
	<u>began.</u>	questions. Information regarding dates is already collected in Section 4 of the
		questionnaire.
	<b>54</b> . Did you (your child) eat any fresh basil?	20. Did you (your child) eat fresh basil?
	a. Yes b. Maybe c. No d. Don't know	a. Yes b. Maybe c. No d. Don't know
	If eaten at home, what was the:	20a. If eaten at home, what was the:
	a. Sweet basil b. Purple basil (i.e., purple leaves and stems)	Type(s): a. Sweet basil
	c. Thai basil (i.e., green leaves and purple stems) d.	b. Purple basil (i.e., purple leaves and stems)
	Other/Unknown	c. Thai basil (i.e., green leaves and purple stems)
	<b>54a.</b> Brand(s):	d. Other, specify:
	54b. Place(s) and date(s) of	Brand(s):
	purchase	Place(s) purchased (names, locations):
	☐ not applicable (did not eat at home)	☐ not applicable (did not eat at home)
	If eaten outside the home, what was the:	20b. If eaten outside the home, what was the:
	54c. List name(s) of establishment(s):	List name of establishment(s) and locations(s):
		$\square$ not applicable (did not eat outside the home)
	54d. List location(s) and date(s) of	
	purchase	
N4	not applicable (did not eat outside the home)	
M	55. Did you (your child) eat any fresh cilantro?	Recommend modifying this question set to exclude the date(s) of purchase to
	a. Yes b. Maybe c. No d. Don't know If eaten at home, what was the:	prevent redundancy in the CNHGQ and reduce the number of additional questions. Information regarding dates is already collected in Section 4 of the
	a. Prepackaged b. Loose c. Topping/Garnish d. Unknown	questions. Information regarding dates is already collected in Section 4 of the questionnaire.
	<b>55a.</b> Brand(s):	21. Did you (your child) eat fresh cilantro?
	55b. Place(s) and date(s) of	a. Yes b. Maybe c. No d. Don't know
	purchase	21a. If eaten at home, what was the:
	☐ not applicable (did not eat at home)	Brand(s):
	If eaten outside the home, what was the:	Place(s) purchased (names, locations):
	55c. List name(s) of establishment(s):	☐ not applicable (did not eat at home)
	200. Else Harrie(s) of establishment(s).	21b. If eaten outside the home, what was the:
	55d. List location(s) and date(s) of	List name of establishment(s) and locations(s):
	purchase	☐ not applicable (did not eat outside the home)
	not applicable (did not eat outside the home)	- not applicable (and not cut outside the nome)

Type of Change	Old Question/Item	New Question / Requested Change
M	<ul> <li>57. Did you (your child) eat any other fresh herbs (sage, thyme, dill, rosemary, etc)? <ul> <li>a. Yes</li> <li>b. Maybe</li> <li>c. No</li> <li>d. Don't know</li> </ul> </li> <li>57a. Type(s), variety(-ies), brands(s)?</li> </ul>	Recommend modifying this question set to be formatted into separate exposure questions instead of a free text question; this will better capture specific herb exposures and align with the CRF.  Did you (your child) eat:  23. Fresh oregano?  a. Yes b. Maybe c. No d. Don't know  24. Fresh thyme?  a. Yes b. Maybe c. No d. Don't know  25. Fresh mint?  a. Yes b. Maybe c. No d. Don't know  26. Fresh dill?  a. Yes b. Maybe c. No d. Don't know  27. Fresh sage?  a. Yes b. Maybe c. No d. Don't know  28. Fresh rosemary?  a. Yes b. Maybe c. No d. Don't know  29. Other fresh herbs?  a. Yes b. Maybe c. No d. Don't know  a. Type(s):

Type of Change	Old Question/Item	New Question / Requested Change
М	The next seven questions list fresh vegetables eaten 14 days	Recommend modifying this question set to exclude the date(s) of purchase to
	<u>before case-patient illness began.</u>	prevent redundancy in the CNHGQ and reduce the number of additional
		questions. Information regarding dates is alerady collected in Section 4 of the
	<b>65.</b> Did you (your child) eat any fresh, raw peas? (May be	questionnaire.
	shelled or in the pod)	<b>75.</b> Did you (your child) eat fresh, raw peas? (May be shelled or in the pod)
	a. Yes b. Maybe c. No d. Don't know	a. Yes b. Maybe c. No d. Don't know
	If eaten at home, what was the:	75a. If eaten at home, what was the:
	a. Garden peas b. Snow peas (i.e., flat, shiny pods	Type(s): a. Garden peas
	containing peas) c. Sugar snap peas (i.e., plump, crisp,	b. Snow peas (i.e., flat, shiny pods containing peas)
	edible pods) d. Unknown	c. Sugar snap peas (i.e., plump, crisp, edible pods) d. Unknown
	e. Other, specify:65a. Brand(s):	e. Other, specify:
	65b. Place(s) and date(s) of	Brand(s):
	purchase	Place(s) purchased (names, locations):
	☐ not applicable (did not eat at home)	☐ not applicable (did not eat at home)
	If eaten outside the home, what was the:	<b>75b.</b> If eaten outside the home, what was the:
	65c. List name(s) of establishment(s):	List name of establishment(s) and locations(s):
		not applicable (did not eat outside the home)
	65d. List location(s) and date(s) of	,
	purchase	
	not applicable (did not eat outside the home)	
М	58. Did you (your child) eat any cucumbers, zucchini,	Recommend modification of this question to be divided into 3 separate
	squash?	exposure questions to facilitate data collection and analysis.
	a. Yes b. Maybe c. No d. Don't know	Did you (your child) eat:
		<b>66.</b> Cucumbers? a. Yes b. Maybe c. No d. Don't know
		<mark>67.</mark> Zucchini? a. Yes b. Maybe c. No d. Don't know
		<b>68.</b> Squash? a. Yes b. Maybe c. No d. Don't know
M	59. Did you (your child) eat any bell peppers (green, red,	Request addition of this additional question (69a) to obtain details about
	orange, or yellow)?	type(s) of bell peppers to provide additional exposure information.
	a. Yes b. Maybe c. No d. Don't know	<b>69.</b> Did you (your child) eat bell peppers?
		a. Yes b. Maybe c. No d. Don't know
		69a. Type(s): a. Red b. Green c. Orange d. Yellow e. Unknown

Type of Change	Old Question/Item	New Question / Requested Change
М	69. Did you (your child) eat any raw onions (white, yellow, or red/purple)?  a. Yes b. Maybe c. No d. Don't know	Request addition of this additional question (79a) to obtain details about type(s) of raw onion to provide additional exposure information.  79. Did you (your child) eat raw onions? (Of note: green onions/scallions are addressed in the next question)  a. Yes b. Maybe c. No d. Don't know  79a. Type(s): a. White b. Yellow c. Red/Purple d. Unknown  e. Other, specify:
М	71. Did you (your child) eat any fresh tomatoes? a. Yes b. Maybe c. No d. Don't know	Request addition of this additional question (81a) to obtain details about type(s) of fresh tomatoes to provide additional exposure information.  81. Did you (your child) eat fresh tomatoes?  a. Yes b. Maybe c. No d. Don't know  81a. Type(s): a. Red round b. Roma (oval-shaped)  c. Grape/Cherry (bite-sized) d. Unknown  e. Other, specify:
M	72. Did you (your child) eat any fresh salsa?  a. Yes b. Maybe c. No d. Don't know If eaten at home, what was the:  72a. Brand(s):  72b. Place(s) and date(s) of  purchase  not applicable (did not eat at home) If eaten outside the home, what was the:  72c. List name(s) of establishment(s):  72d. List location(s) and date(s) of  purchase  not applicable (did not eat outside the home)	Recommend modifying this question set to exclude the date(s) of purchase and reduce the number of additional questions.  82. Did you (your child) eat fresh salsa?  a. Yes b. Maybe c. No d. Don't know  If eaten at home, what was the:  82a. Brands:  Place(s) purchased (names, locations):  not applicable (did not eat at home)  If eaten outside the home, what was the:  82b. List name of establishment(s) and locations(s):  not applicable (did not eat outside the home)

Type of Change	Old Question/Item	New Question / Requested Change
М	73. Did you (your child) eat any fresh guacamole?	Recommend modifying this question set to exclude the date(s) of purchase
	a. Yes b. Maybe c. No d. Don't know	and reduce the number of additional questions.
	If eaten at home, what was the:	83. Did you (your child) eat fresh guacamole?
	<b>73a.</b> Brand(s):	a. Yes b. Maybe c. No d. Don't know
	73b. Place(s) and date(s) of	If eaten at home, what was the:
	purchase	<b>83a</b> . Brand(s):
	☐ not applicable (did not eat at home)	Place(s) purchased (names, locations):
	If eaten outside the home, what was the:	☐ not applicable (did not eat at home)
	73c. List name(s) of establishment(s):	If eaten outside the home, what was the:
		83b. List name of establishment(s) and locations(s):
	73d. List location(s) and date(s) of	$\square$ not applicable (did not eat outside the home)
	purchase	
	☐ not applicable (did not eat outside the home)	