

**FoodNet Variable List, 2024**  
(Site-transmitted variables)

	Variable Name	Format	Length	Description	Answers (Legal Values)	Sent by Site or Created at CDC	Comment	Year(s) for which variable is available	Category	Included in standard data requests?
1	AgClinic	Character	30	For possible <i>E. coli</i> cases: What was the result of specimen testing for Shiga toxin using an antigen-based test (e.g.EIA or lateral flow) at a clinical laboratory?  For other pathogens: What was the result of specimen testing using an antigen-based test (e.g. EIA or lateral flow) at a clinical laboratory?	Stx1; Stx2; Stx1&2; Stx Undiff; Negative; Not Tested  Positive; Negative; Indeterminate; Not Tested	Site	Collect for all pathogens for which culture-independent results are available. Prior to 2011, called 'EiaClinic'.	2009-current	Culture-Independent Testing	YES
2	AgClinicTestType	Character	100	For possible <i>E.coli</i> cases: Name of antigen-based test used at clinical laboratory  For possible <i>Campylobacter</i> cases: Name of antigen-based test used at clinical laboratory  For other pathogens: Name of antigen-based test used at clinical laboratory	Abbott Shiga Toxin Quik Chek; Denka Seiken VTEC Screen Merck Duopath STEC Rapid Test; Meridian Premier EHEC; Meridian ImmunoCard STAT! E. coli O157 Plus; Meridian ImmunoCard STAT! EHEC; Remel ProSpecT STEC; Techlab Shiga Toxin Quik Chek Abbott Campylobacter Quik Chek <b>Meridian Curian Campy</b> Meridian ImmunoCard STAT! CAMPY; Meridian Premier CAMPY; Remel ProSpecT Campylobacter; Remel Xpect Campylobacter; Techlab Campylobacter Quik Chek  Other; Unknown	Site	Collect for all pathogens for which culture-independent results are available.	2011-current	Culture-Independent Testing	YES
3	AgeMnth	Numeric	2	Age of case-patient in months if patient is <1yr	1-11	Site	Collect for all cases	1996-current	Demographics	YES
4	AgeYr	Numeric	3	Age of case-patient in years	1-105	Site	Collect for all cases	1996-current	Demographics	YES
5	AgSphl	Character	30	For possible <i>E. coli</i> cases: What was the result of specimen testing for Shiga toxin using an antigen-based test (e.g.EIA or lateral flow) at a state public health laboratory?  For other pathogens: What was the result of specimen testing using an antigen-based test (e.g. EIA or lateral flow) at a state public health laboratory?	Stx1; Stx2; Stx1&2; Stx Undiff; Negative; Not Tested  Positive Negative Indeterminate Not tested	Site	Collect for all pathogens for which culture-independent results are available. Prior to 2011, called 'EiaSphl'.	2009-current	Culture-Independent Testing	YES
6	AgSphlTestType	Character	100	For possible <i>E.coli</i> cases: Name of antigen-based test used at state public health laboratory  For possible <i>Campylobacter</i> cases: Name of antigen-based test used at state public health laboratory  For other pathogens: Name of antigen-based test used at state public health laboratory	Abbott Shiga Toxin Quik Chek; Denka Seiken VTEC Screen Merck Duopath STEC Rapid Test; Meridian ImmunoCard STAT! EHEC; Meridian Premier EHEC; Remel ProSpecT STEC; Techlab Shiga Toxin Quik Chek Abbott Campylobacter Quik Chek <b>Meridian Curian Campy</b> Meridian ImmunoCard STAT! CAMPY; Meridian Premier CAMPY; Remel ProSpecT Campylobacter; Remel Xpect Campylobacter; Techlab Campylobacter Quik Chek  Other; Unknown	Site	Collect for all pathogens for which culture-independent results are available.	2011-current	Culture-Independent Testing	YES
7	AR_antacid_any	Character	10	In the 30 days before (your/your child's) illness began, did (you/your child) have any form of antacid?	Yes; No; Unknown;	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO

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8	AR_antacid_any_1	Character	30	What medications to block acids did (you/your child) take in the 30 days before (your/your child's) illness began?	Aluminium hydroxide Ami-Lac Amphojel Axid Calcium carbonate Cal Gest Caltrate calcium-based supplements Dexilant Dialume Di-Gel Gas-X with Maalox Gaviscon Gelusil Genaton	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> and <i>Shigella</i>	2018-current	Exposure	NO
9	AR_antacid_any_2	Character	30	What medications to block acids did (you/your child) take in the 30 days before (your/your child's) illness began?	Isopan Maalox / Maox Magaldrate Magnesium Hydroxide Masanti Mi-Acid Milantex Milk of Magnesia Mintox Mylanta Nexium Nizatidine Os-Cal Oysco Oyster (shell) calcium Pepcid Pepto Children's Prevacid	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
10	AR_antacid_any_3	Character	30	What medications to block acids did (you/your child) take in the 30 days before (your/your child's) illness began?	Prilosec Protonix Ri-Mag Riopan Rolaids Ron-Acid Rulox Tagamet Tempo Titralac Tums Zantac Zegerid Other Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
11	AR_antibiotic_use	Character	10	Did (you/your child) take antibiotics for this illness?	Yes; No; Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
12	AR_antibiotic_use_1	Character	30	What antibiotics did (you/your child) take for this illness?	Amoxicillin Amoxicillin / Clavulanate Ampicillin Augmentin	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
13	AR_antibiotic_use_2	Character	30	What antibiotics did (you/your child) take for this illness?	Azithromycin Bactrim Biaxin Ceclor Cefaclor Ceftin	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
14	AR_antibiotic_use_3	Character	30	What antibiotics did (you/your child) take for this illness?	Cefixime Ceftriaxone Cefuroxime Cefzil Cefprozil Cephalexin	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO

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15	AR_antibiotic_use_4	Character	30	What antibiotics did (you/your child) take for this illness?	Cephadrine Chloramphenicol Ciprofloxacin / Cipro Clarithromycin Dapsone Doxycycline	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
16	AR_antibiotic_use_5	Character	30	What antibiotics did (you/your child) take for this illness?	Duricef Erythromycin Erythromycin / sulfisoxazole Flagyl Floxin Keflex	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
17	AR_antibiotic_use_6	Character	30	What antibiotics did (you/your child) take for this illness?	Keftab Levofloxacin Levoquin Metronidazole Norfloxacin / Norflo Ofloxacin / Oflox	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
18	AR_antibiotic_use_7	Character	30	What antibiotics did (you/your child) take for this illness?	Pediazole Penicillin / Pen VK Septra Suprax Tetracycline Trimox	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
19	AR_antibiotic_use_8	Character	30	What antibiotics did (you/your child) take for this illness?	Trimethoprim / Sulfa Zithromax / Z-Pak Other Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
20	AR_antibiotic_use30	Character	10	In the 30 days before (your/your child's) illness began, did (you/your child) take any antibiotics?	Yes; No; Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
21	AR_antibiotic_use30_1	Character	30	What antibiotics did (you/your child) take in the 30 days before {your/your child's) illness began?	Amoxicillin Amoxicillin / Clavulanate Ampicillin Augmentin	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
22	AR_antibiotic_use30_2	Character	30	What antibiotics did (you/your child) take in the 30 days before {your/your child's) illness began?	Azithromycin Bactrim Biaxin Ceclor Cefaclor Cefdin Cefin	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
23	AR_antibiotic_use30_3	Character	30	What antibiotics did (you/your child) take in the 30 days before {your/your child's) illness began?	Cefixime Ceftriaxone Cefuorixime Cefzil Cefprozil Cephalexin	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
24	AR_antibiotic_use30_4	Character	30	What antibiotics did (you/your child) take in the 30 days before {your/your child's) illness began?	Cephadrine Chloramphenicol Ciprofloxacin / Cipro Clarithromycin Dapsone Doxycycline	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
25	AR_antibiotic_use30_5	Character	30	What antibiotics did (you/your child) take in the 30 days before {your/your child's) illness began?	Duricef Erythromycin Erythromycin / sulfisoxazole Flagyl Floxin Keflex	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
26	AR_antibiotic_use30_6	Character	30	What antibiotics did (you/your child) take in the 30 days before {your/your child's) illness began?	Keftab Levofloxacin Levoquin Metronidazole Norfloxacin / Norflo Ofloxacin / Oflox	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
27	AR_antibiotic_use30_7	Character	30	What antibiotics did (you/your child) take in the 30 days before {your/your child's) illness began?	Pediazole Penicillin / Pen VK Septra Suprax Tetracycline Trimox Trimethoprim / Sulfa	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO

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28	AR_antibiotic_use30_8	Character	30	What antibiotics did (you/your child) take in the 30 days before (you/your child's) illness began?	Trimethoprim / Sulfamethoxazole Zithromax / Z-Pak Other Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
29	AR_comorb_abdominal	Character	10	In the 6 months before (you/your child's) illness began, did (you/your child) have abdominal surgery (e.g., removal of appendix or gallbladder, or any surgery of the stomach or large intestine)?	Yes; No; Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
30	AR_comorb_cancer	Character	10	In the 6 months before (you/your child's) illness began, were (you/your child) diagnosed or treated for cancer (including leukemia/lymphoma)?	Yes; No; Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
31	AR_comorb_diabetes	Character	10	In the 6 months before (you/your child's) illness began, were (you/your child) diagnosed or treated for diabetes?	Yes; No; Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
32	Ar_Diet_veal	Character	10	In the past 7 days, did (you/your child) eat any veal?	Yes; No; Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
33	AR_durationillness	Numeric	10	How many days were (you/your child) sick?	any number	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
34	AR_HHtrav6mo	Character	10	In the 6 months before (you/your child's) illness began, did any member(s) of your household travel outside of the United States?	Yes; No; Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
35	AR_HHtrav6mo_country	Text Field	70	In the 6 months before (you/your child's) illness began, what countries did the member(s) of your household visit?	Text	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
36	AR_hosp_icu	Character	10	During any part of the hospitalization, did you (your child) stay in an Intensive Care Unit (ICU) or a Critical Care Unit (CCU)?	Yes; No; Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
37	AR_probiotic_use30	Character	10	In the 30 days before (you/your child's) illness began, did (you/your child) take a probiotic? Probiotics are live microorganisms (such as certain types of bacteria) that may benefit your health. These can take the form of pills, powders, yogurts, and other fermented dairy products, as well as anything labeled as containing "live and active cultures" or "probiotics."	Yes; No; Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
38	AR_travel6mo	Character	10	In the 6 months before (you/your child's) illness began, did (you/your child) travel outside of the United States?	Yes; No; Unknown	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
39	AR_travel6mo_country	Text Field	70	In the 6 months before (you/your child's) illness began, what countries did (you/your child) visit?	Text	Site	Varies by site for <i>Salmonella</i> , <i>Campylobacter</i> , and <i>Shigella</i>	2018-current	Exposure	NO
40	Audit	Character	7	Was case found during an audit?	Yes; No	Site	Collect for all cases	1996-current	Other	NO
41	Biold	Character	10	Was the pathogen identified by culture?	Yes; No; Unknown; Not Tested	Site	Collect for all bacterial pathogens. Prior to 2011, called 'StecBiold'.	1996-current	Culture-Independent Testing	YES
42	BloodyDiarr	Character	10	Did the case-patient have bloody diarrhea (self reported) during this illness?	Yes; No; Unknown	Site	Collect actively for <i>Campylobacter</i> ; passively for other pathogens.	2011-current	Clinical Information	YES
43	CEA_Beef	Character	10	In the 7 days before illness, did you/your child eat beef or any foods containing beef?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
44	CEA_Chicken	Character	10	In the 7 days before illness, did you/your child eat chicken or any foods containing chicken?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
45	CEA_Dairy	Character	10	In the 7 days before illness, did you/your child eat or drink any dairy products (e.g., milk, yogurt, cheese, ice cream, etc.)?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
46	CEA_Dog	Character	10	In the 7 days before illness, did you/your child have any contact with a dog?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
47	CEA_Eggs	Character	10	In the 7 days before illness, did you/your child eat any eggs?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
48	CEA_Fish	Character	10	In the 7 days before illness, did you/your child eat any fish or fish products?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
49	CEA_Lettuce	Character	10	In the 7 days before illness, did you/your child eat any fresh, raw lettuce?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
50	CEA_Live_poultry	Character	10	In the 7 days before illness, did you/your child have any contact with any live poultry (e.g., chickens, turkeys, hens, etc.)?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
51	CEA_Milk_raw	Character	10	In the 7 days before illness, did you/your child drink any unpasteurized milk?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
52	CEA_Pig	Character	10	In the 7 days before illness, did you/your child have any contact with any pigs?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
53	CEA_Pork	Character	10	In the 7 days before illness, did you/your child eat pork or any foods containing pork?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
54	CEA_Reptile_amphib	Character	10	In the 7 days before illness, did you/your child have any contact with a reptile or amphibian (e.g., frog, snake, turtle, etc.)?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
55	CEA_Ruminants	Character	10	In the 7 days before illness, did you/your child have any contact with any cattle, goats, or sheep?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2016-current ( <i>Campy</i> )	Exposure	YES
56	CEA_Seafd	Character	10	In the 7 days before illness, did you/your child eat any seafood (e.g., crab, shrimp, oysters, clams, etc.)?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2015-current ( <i>Campy</i> )	Exposure	YES

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57	CEA_Turkey	Character	10	In the 7 days before illness, did you/your child eat any turkey or any foods containing turkey?	Yes; No; Unknown	Site	Collect for <i>Salmonella</i> and <i>Campylobacter</i>	2014-current ( <i>Salm</i> ); 2015-current ( <i>Campy</i> )	Exposure	YES
58	County	Character	50	Case-patient's county of residence		Site	Collect for all cases	1996-current	Demographics	YES
59	CTNO2020	Character	11	2020 Census Tract Number	0000000000-9999999999	Site	Collect for all cases, optional	2022-current	Demographics	NO
60	CultCdc	Character	30	What was the culture result at CDC? (Does not include confirmation of isolates received.)	Positive; Negative; Unknown; No bacterial growth; Not tested	Site	Collect for all cases	2011-current ( <i>Campy</i> ); 2018-current (others)	Lab Information	YES
61	CultClinic	Character	30	What was the culture result at a clinical lab?	Positive; Negative; Unknown; No bacterial growth; Not tested	Site	Collect for all cases	2011-current ( <i>Campy</i> ); 2018-current (others)	Lab Information	YES
62	CultSphl	Character	30	What was the culture result at a state public health lab? (Does not include confirmation of isolates received.)	Positive; Negative; Unknown; No bacterial growth; Not tested	Site	Collect for all cases	2011-current ( <i>Campy</i> ); 2018-current (others)	Lab Information	YES
63	Diarrhea	Character	10	Did the case-patient have diarrhea (self-reported) during this illness?	Yes; No; Unknown	Site	Collect actively for <i>Campylobacter</i> cases; passively for other pathogens.	2011-current	Clinical Information	YES
64	DOB	Date	mmddyy10.	Case patient's date of birth		Site	Collect for all cases	1996-current	Demographics	NO
65	DtAdmit	Date	mmddyy10.	Date of first hospital admission for this illness		Site	Collect for hospitalized cases	1996-current	Hospitalization	YES
66	DtAdmit2	Date	mmddyy10.	Date of hospital admission for second hospitalization for this illness		Site	Collect for hospitalized cases	2008-current	Hospitalization	YES
67	DtDisch	Date	mmddyy10.	Date of first hospital discharge for this illness		Site	Collect for hospitalized cases	1996-current	Hospitalization	YES
68	DtDisch2	Date	mmddyy10.	Date of hospital discharge for second hospitalization for this illness		Site	Collect for hospitalized cases	2008-current	Hospitalization	YES
69	DtEntered	Date	mmddyy10.	Date case was entered into site's database		Site	Collect for all cases	1996-current	Other	NO
70	DtOnset	Date	mmddyy10.	Date that the case-patient's symptoms first began for this illness		Site	Collect for all cases	2009-current	Clinical Information	YES
71	DtRcvd	Date	mmddyy10.	Date case-pateint's specimen was received in laboratory for initial testing		Site	Collect for all cases	1996-current	Lab Information	NO
72	DtRptComp	Date	mmddyy10.	Date case report form was completed		Site	Collect for all cases	1996-current	Other	NO
73	DtSpec	Date	mmddyy10.	Case-patient's specimen collection date		Site	Collect for all cases	1996-current	Lab Information	YES
74	DtUSDepart	Date	mmddyy10.	If case-patient patient traveled internationally, date of departure from the U.S.		Site	Collect for cases that reported international travel during incubation period; if recently immigrated, leave blank	2004-current	Travel	YES
75	DtUSReturn	Date	mmddyy10.	If case-patient traveled internationally, date of return to the U.S.		Site	Collect for cases that reported international travel during incubation period; if recently immigrated, enter as date arrived to US	2004-current	Travel	YES
76	DxO157	Character	30	For possible <i>E.coli</i> cases: What was the result of specimen testing for O157 by EIA or PCR at a clinical laboratory?	Positive; Negative; Not tested	Site	Collect for <i>E.coli</i> cases	2014-current	Pathogen-specific (E.coli)	YES
77	DxO157TestType	Character	100	Name of EIA or PCR test used	Meridian ImmunoCard STAT! E. coli O157 Plus; Biofire Filmarray Gastrointestinal (GI); Diatherix Gastrointestinal; Luminex xTag Gastrointestinal Pathogens; Metamatrix; Lab-developed test; Other	Site	Collect for <i>E.coli</i> cases	2014-current	Pathogen-specific (E.coli)	YES
78	EforsNum	Character	6	CDC NORIS outbreak ID number	1-999999; 888888='multi-state outbreak with exposure in multiple states' 999999='multi-state outbreak with a single exposure outside of the FoodNet catchment area'	Site	Collect for cases that are part of a recognized outbreak	2004-current	Outbreak	YES
79	Ethnicity	Character	1	Case-patient's ethnicity	H (Hispanic), N (Non-Hispanic), U (Unknown)	Site	Collect for all cases	1996-current	Demographics	YES
80	Fever	Character	10	Did the case-patient have fever (self-reported) during this illness?	Yes; No; Unknown	Site	Collect actively for <i>Campylobacter</i> ; passively for other pathogens.	2011-current	Clinical Information	YES
81	Homeless	Character	7	In the 7 days before illness, did the case-patient experience homelessness? This includes staying in a shelter or car, building, or other structure not intended for housing. (This does not include staying with friends or family, correctional facilities, care or nursing facilities, single room occupancy, or other transitional housing.)	Yes; No; Unknown	Site	Collect for <i>Shigella</i> cases, optional for other pathogens	2019-current	Demographics	NO
82	Hospital	Character	7	Was case-patient hospitalized within (+/-) 7 days of specimen collection?	Yes; No; Unknown	Site	Collect for all cases	1996-current	Hospitalization	YES
83	HospTrans	Character	7	If case-patient was hospitalized, was s/he transferred to another hospital?	Yes; No; Unknown	Site	Collect for hospitalized cases	1996-current	Hospitalization	YES
84	HUS	Character	7	Did case patient have a diagnosis of HUS?	Yes; No; Unknown	Site	Collect for <i>E.coli</i> cases	2009-current	Clinical Information	YES

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85	Immigrate	Character	7	Did case-patient immigrate to the U.S.? (within 30 days of onset for Salmonella Typhi, Paratyphi & Listeria, 14 days for Cyclospora, and 7 days for all other pathogens)	Yes; No; Unknown	Site	Collect for all cases	2008-current	Travel	YES
86	Interview	Character	7	Was the case-patient interviewed by public health (i.e. state or local health department or FoodNet staff)?	Yes; No; Unknown	Site	Collect for all cases	2008-current	Other	YES
87	LabName	Character	25	Name of submitting laboratory		Site	Collect for all cases	1996-current	Lab Information	NO
88	LabNum	Character	30	Local aliquot identification number	Varies by state	Site	Collect for all cases	1996-current	Lab Information	NO
89	LocalID	Character	16	Case-patient's medical record number	Varies by state	Site	Collect for all cases	1996-current	ID Field	NO
90	OtherCdcTest	Character	30	For possible <i>E.coli</i> cases: What was the result of specimen testing for Shiga toxin using another test at the CDC?	Stx1; Stx2; Stx1&2; Stx Undiff; Negative; Not Tested	Site	Collect for all pathogens for which culture-independent results are available.	2011-current	Culture-Independent Testing	YES
				For other pathogens: What was the result of specimen testing using another test at CDC?	Negative Indeterminate Not tested					
91	OtherClinicTest	Character	30	For possible <i>E.coli</i> cases: What was the result of specimen testing for Shiga toxin using another test at a clinical laboratory?	Stx1; Stx2; Stx1&2; Stx Undiff; Negative; Not Tested	Site	Collect for all pathogens for which culture-independent results are available.	2011-current	Culture-Independent Testing	YES
				For other pathogens: What was the result of specimen testing using another test at a clinical laboratory?	Positive Negative Indeterminate Not tested					
92	OtherClinicTestType	Character	100	Name of other test used at a clinical laboratory	Autofluorescence Beckman Walkaway System Stained Wet Mount; Microscopy Unspecified Modified Acid-Fast Modified Safranin Stain Wet Mount Vero Cell Asay; Other; Unknown	Site	Collect for all pathogens for which culture-independent results are available.	2011-current	Culture-Independent Testing	YES
93	OtherSphITest	Character	30	For possible <i>E.coli</i> cases: What was the result of specimen testing for Shiga toxin using another test at a state public health laboratory?	Stx1; Stx2; Stx1&2; Stx Undiff; Negative; Not Tested	Site	Collect for all pathogens for which culture-independent results are available.	2011-current	Culture-Independent Testing	YES
				For other pathogens: What was the result of specimen testing using another test at a state public health laboratory?	Positive Negative Indeterminate Not tested					
94	OtherSphITestType	Character	100	For other pathogens: Name of other test used at a state public health laboratory	Autofluorescence Beckman Walkaway System Stained Wet Mount; Microscopy Unspecified Modified Acid-Fast Modified Safranin Stain Wet Mount; Vero Cell Asay; Other; Unknown	Site	Collect for all pathogens for which culture-independent results are available.	2011-current	Culture-Independent Testing	YES
95	Outbreak	Character	7	Was the case-patient part of a recognized outbreak?	Yes; No	Site	Collect for all cases	2004-current	Outbreak	YES
96	OutbrkSTID	Character	30	State outbreak identification number	Varies by state	Site	Collect if case is part of a recognized outbreak	2008-current	Outbreak	NO
97	OutbrkType	Character	50	Type of outbreak that the case-patient was part of	Foodborne; Waterborne; Animal contact; Person-to-person; Environmental contamination other than food/water; Indeterminate; Other; Unknown	Site	Collect if case is part of a recognized outbreak	2008-current	Outbreak	YES
98	Outcome	Character	7	Case-patient's outcome (assessed for non-hospitalized cases within 7 days of specimen collection date and hospitalized cases at hospital discharge)	Alive; Dead; Unknown	Site	Collect for all cases	1996-current	Clinical Information	YES
99	OutFetal	Character	40	If <i>Listeria</i> case was pregnancy-associated, what was the outcome of the pregnancy? Note: fetal death includes miscarriage or stillbirth; delivery is a live birth.	Still pregnant; Fetal death; Delivery Unknown;	Site	Collect for <i>Listeria</i> cases	1996-current	Pathogen-specific (Listeria)	YES
					<i>Campylobacter</i> ; <i>Cyclospora</i> ;					

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	Variable Name	Format	Length	Description	Answers (Legal Values)	Sent by Site or Created at CDC	Comment	Year(s) for which variable is available	Category	Included in standard data requests?
100	Pathogen	Character	40	Name of bacterial pathogen identified from the case-patient's specimen	STEC; ETEC; <i>Listeria</i> ; <i>Salmonella</i> ; <i>Shigella</i> ; <i>Vibrio</i> ; <i>Yersinia</i> ;	Site	Collect for all cases. Prior to 2011, called 'Isolate'.	1996-current	Lab Information	YES
101	PatID	Character	30	Unique ID for case-patient's infection	Varies by state	Site	Collect for all cases	1996-current	ID field	NO
102	PerCdc	Character	30	For possible <i>E. coli</i> cases: What was the result of specimen testing for Shiga toxin using PCR at CDC?  For <i>Vibrio</i> , what was the result of specimen testing using PCR at CDC? (where goal of testing is primary detection not subtyping or speciation)  For other pathogens: What was the result of specimen testing for diagnosis using PCR at CDC? (Do not enter PCR results if PCR was performed for speciation or subtyping).	Stx1; Stx2; Stx1&2; Stx Undiff; Negative; Not Tested  Vibrios V cholerae V parahaemolyticus Vibrios&V cholerae Negative Not Tested  Positive; Negative; Not tested	Site	Collect for all pathogens for which culture-independent results are available.	2009-current	Culture-Independent Testing	YES
103	PerClinic	Character	30	For possible <i>E. coli</i> cases: What was the result of specimen testing for Shiga toxin using PCR at a clinical laboratory?  For <i>Campylobacter</i> , <i>Cyclospora</i> , <i>Salmonella</i> , <i>Shigella</i> , <i>Yersinia</i> : What was the result of specimen testing using PCR at a clinical laboratory? (where goal of testing is primary detection not subtyping or speciation)  For <i>Vibrio</i> , what was the result of specimen testing using PCR at a clinical laboratory? (where goal of testing is primary detection not subtyping or speciation)  For specimens that were culture-confirmed <i>Shigella</i> and Shiga toxin-positive by PCR: What was the result of specimen testing using PCR at a clinical laboratory? (For specimens that were not culture-confirmed or were only positive for <i>Shigella</i> , indicate "positive" under <i>Shigella</i> section above)	Stx1; Stx2; Stx1&2; Stx Undiff; Negative; Not Tested  Positive; Negative; Not tested  Vibrios V cholerae V parahaemolyticus Vibrios&V cholerae Negative Not Tested  <i>Shigella</i> /Stx undiff <i>Shigella</i> /Stx1 <i>Shigella</i> /Stx2 <i>Shigella</i> /Stx1&2	Site	Collect for all pathogens for which culture-independent results are available.	2010-current	Culture-Independent Testing	YES
104	PerClinicTestType	Character	100	Name of PCR assay used at a clinical lab	BioCode Gastrointestinal Pathogen Panel (GPP); Biofire Filmarray Gastrointestinal (GI); Biofire Filmarray Meningitis/Encephalitis (ME); Biofire Filmarray Blood Culture Identification (BCID); Biofire Filmarray Blood Culture Identification 2 (BCID2); BD Max Enteric Bacterial; BD Max Extended Enteric Bacterial; Diatherix Gastrointestinal; Genmark E Plex BCID Great Basin Scientific Stool Hologic Prodesse ProGastro SCS; Karius Test Luminex Gram-Positive Blood Culture; Luminex Verigene Enteric Pathogens; Luminex xTag Gastrointestinal Pathogens; Medical Diagnostics; Vikor Scientific Gastro-ID Lab-developed test Unknown	Site	Collect for all pathogens detected by PCR in a clinical lab	2011-current	Culture-Independent Testing	YES
105	PerSphl	Character	30	For possible <i>E. coli</i> cases: What was the result of specimen testing for Shiga toxin using PCR at a state public health laboratory?  For other pathogens: What was the result of specimen testing for diagnosis using PCR at the state public health laboratory? (Do not enter PCR results if PCR was performed for speciation or subtyping).  For <i>Vibrio</i> , what was the result of specimen testing using PCR at a state public health laboratory? (where goal of testing is primary detection not	Stx1; Stx2; Stx1&2; Stx Undiff; Negative; Not Tested  Positive Negative Not tested  Vibrios V cholerae V parahaemolyticus	Site	Collect for all pathogens for which culture-independent results are available.	2009-current	Culture-Independent Testing	YES

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			public health laboratory (where goal of testing is primary detection not subtyping or speciation)	Vibriosis & V cholerae Negative Not Tested						
			For specimens that were culture-confirmed <i>Shigella</i> and Shiga toxin-positive by PCR: What was the result of specimen testing using PCR at a clinical laboratory? (For specimens that were not culture-confirmed or were only positive for <i>Shigella</i> , indicate "positive" under <i>Shigella</i> section above)	<i>Shigella</i> /Stx undiff <i>Shigella</i> /Stx1 <i>Shigella</i> /Stx2 <i>Shigella</i> /Stx1&2						
106	PerSphlTestType	Character	100	Name of PCR assay used at a state public health lab	BioCode Gastrointestinal Pathogen Panel (GPP); Biofire Filmarray Gastrointestinal (GI); Biofire Filmarray Meningitis/Encephalitis (ME); Biofire Filmarray Blood Culture Identification (BCID); Biofire Filmarray Blood Culture Identification 2 (BCID2); BD Max Enteric Bacterial; BD Max Extended Enteric Bacterial; Diatherix Gastrointestinal; Genmark E Plex BCID Great Basin Scientific Stool Hologic Prodesse ProGastro SSCS; Karius Test Luminex Gram-Positive Blood Culture; Luminex Verigene Enteric Pathogens; Luminex xTag Gastrointestinal Pathogens; Medical Diagnostics; Vikor Scientific Gastro-ID Lab-developed test Unknown	Site	Collect for all pathogens detected by PCR in a state public health lab	2015-current	Culture-Independent Testing	YES
107	PersonID	Character	30	Identification number for person or patient	Varies by state	Site	Collect for all cases	2008-current	ID field	NO
108	Pregnant	Character	7	Is this <i>Listeria</i> case pregnancy-associated?	Yes; No; Unknown	Site	Collect for <i>Listeria</i> cases	1996-current	Pathogen-specific (Listeria)	YES
109	Race	Character	1	Case-patient's race	A (Asian); B (Black); I (American Indian or Alaskan Native); M (Multi-Racial); O (Other); P (Pacific Islander or Native Hawaiian); W (White); U (Unknown)	Site	Collect for all cases	1996-current	Demographics	YES
110	ResultID	Character	30	Unique identifier for laboratory result	Varies by state	Site	Collect for all cases	2008-current	ID field	NO
111	RptComp	Character	7	Is all of the information for this case complete?	Yes; No; Unknown	Site	Collect for all cases	1996-current	Other	YES
112	SentCDC	Character	7	Was specimen or isolate forwarded to CDC or testing or confirmation OR was there a request for analysis of sequence data to CDC?	Yes; No; Unknown	Site	Collect for all cases	2009-current	Lab Information	YES
113	SeroSite	Character	100	Serotype/species of pathogen identified by culture, submitted by site	For <i>Campylobacter</i> : n/a. For <i>Listeria</i> : 1; 1/2a; 1/2b; 1/2c; 3a; 3b; 3c; 4; 4b; Untypeable; Unknown For <i>Salmonella</i> : See Kaufmann-White scheme For <i>Shigella</i> : <i>boydii</i> ; <i>dysenteriae</i> ; <i>flexneri</i> ; <i>sonnei</i> For <i>Vibrio</i> : <i>alginolyticus</i> ; <i>cholerae</i> ; <i>cincinnatiensis</i> ; <i>damsela</i> ; <i>fluvialis</i> ; <i>furnissii</i> ; <i>harveyi</i> ; <i>hollisae</i> ; <i>metschnikovi</i> ; <i>mimicus</i> ; <i>parahaemolyticus</i> ; <i>vulnificus</i> ; Unknown For <i>Yersinia</i> : <i>ldovae</i> ; <i>bercovieri</i> ; <i>enterocolitica</i> ; <i>frederiksenii</i> ; <i>intermedia</i> ; <i>kristensenii</i> ; <i>mollaretii</i> ; <i>pseudotuberculosis</i> ; <i>rohdei</i> ; <i>ruckeri</i> ; Unknown.	Site	Collect for <i>Salmonella</i> , <i>Listeria</i> , <i>Shigella</i> , <i>Vibrio</i> , <i>Yersinia</i>	1996-current	Subtyping Information	NO
114	Sex	Character	1	Case-patient's sex	M (Male); F (Female); U (Unknown)	Site	Collect for all cases	1996-current	Demographics	YES
115	SiteID	Character	10	Site identification number	California – CDA2, CDA201, CDA20101, CDA20102, CDA20103, CDA202, CDA203, CDA6; Colorado – CDCO; Connecticut – CDA5, GA GOA – CDGE; GA MSA – CDA1, CDA101; Maryland – CDE1; Minnesota – CDMN; New Mexico – CDNMI; New York – CDNF; Oregon – CDOR; Tennessee – CDTN	Site	Collect for all cases	1996-current	ID field	NO
116	SLabsID	Character	30	State lab identification number	Varies by state	Site	Collect for all cases for which the isolate was sent to a state public health lab	1996-current	Lab Information	NO
117	SpeciesClinic	Character	100	For <i>Campylobacter</i> , what was the species result at clinical lab?	For <i>Campylobacter</i> : <i>jejuni</i> ; <i>jejuni</i> subsp <i>jejuni</i> ; <i>jejuni</i> subsp. <i>doylei</i> ; <i>coli</i> ; <i>lari</i> ; <i>lari</i> subsp. <i>concheus</i> ; <i>lari</i> subsp. <i>lari</i> ; <i>upsaliensis</i> ; <i>helveticus</i> ; <i>fetus</i> ; <i>fetus</i> subsp <i>fetus</i> ; <i>fetus</i> subsp <i>venerealis</i> ; <i>hyointestinalis</i> ; <i>hyointestinalis</i> subsp. <i>hyointestinalis</i> ; <i>hyointestinalis</i> subsp. <i>lawsonii</i> ; <i>sputorum</i> ; <i>sputorum</i> by <i>sputorum</i> ; <i>sputorum</i> by <i>paraureolyticus</i> ; <i>lanienae</i> ; <i>mucosalis</i> ; <i>insulaenigrae</i> ; <i>concisus</i> ; <i>curvus</i> ; <i>rectus</i> ; <i>showae</i> ; <i>gracilis</i> ; <i>canadensis</i> ; <i>peloridis</i> ; <i>avium</i> ; <i>cuniculorum</i> ; <i>hominis</i> ; <i>ureolyticus</i> ; Unknown; Not tested.	Site	Collect for <i>Campylobacter</i>	2010-current	Subtyping Information	NO



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118	SpeciesSphl	Character	100	For <i>Campylobacter</i> , what was the species result at SPHL?	For <i>Campylobacter</i> : <i>jejuni</i> ; <i>jejuni subsp jejuni</i> ; <i>jejuni subsp. doylei</i> ; <i>coli</i> ; <i>lari</i> ; <i>lari subsp. concheus</i> ; <i>lari subsp. lari</i> ; <i>upsaliensis</i> ; <i>helveticus</i> ; <i>fetus</i> ; <i>fetus subsp fetus</i> ; <i>fetus subsp venerealis</i> ; <i>hyointestinalis</i> ; <i>hyointestinalis subsp. hyointestinalis</i> ; <i>hyointestinalis subsp. lawsonii</i> ; <i>sputorum</i> ; <i>sputorum bv sputorum</i> ; <i>sputorum bv paraureolyticus</i> ; <i>lanienae</i> ; <i>mucosalis</i> ; <i>insulaenigrae</i> ; <i>concisus</i> ; <i>curvus</i> ; <i>rectus</i> ; <i>showae</i> ; <i>gracilis</i> ; <i>canadensis</i> ; <i>peloridis</i> ; <i>avium</i> ; <i>cuniculorum</i> ; <i>hominis</i> ; <i>ureolyticus</i> ; Unknown; Not tested.	Site	Collect for <i>Campylobacter</i>	2010-current	Subtyping Information	NO
119	SpecSite	Character	60	Case patient's specimen collection source	Abscess; Amniotic fluid; Blood; Bone; CSF; Ear; Gall bladder; Genitals; Joint; Lung; Peritoneal fluid; Placenta; Rectal swab; Sputum; Stool; Urine; Wound; Unknown	Site	Collect for all cases. If specimen source is something other than listed in legal values, please specify. Do not code as 'other'.	1996-current	Lab Information	NO
120	State	Character	2	Case patient's state of residence	CA; CO; CT; GA; MD; MN; NM; NY; OR; TN	Site	Collect for all cases	1996-current	Demographics	YES
121	StecHAg	Character	30	If <i>E. coli</i> , what was the H-antigen number for the isolate?	1-99 999 = NM	Site	Collect for <i>E.coli</i> cases	1996-current	Pathogen-specific (E.coli)	NO
122	StecOAg	Character	30	If <i>E. coli</i> , what was the O-antigen number for the isolate?	1-999 '555'=not O157, O antigen pending or at CDC '666'=not O157, O antigen unknown '777'=O antigen undetermined '888'=O antigen not tested '999'=O antigen rough	Site	Collect for <i>E.coli</i> cases	1996-current	Pathogen-specific (E.coli)	NO
123	StecStx	Character	40	Was <i>E. coli</i> isolate Shiga toxin-producing?	Yes; No; Unknown; Not Tested	Site	Collect for <i>E.coli</i> cases	1996-current	Pathogen-specific (E.coli)	NO
124	StLabRcvd	Character	7	Was the isolate sent to a state public health laboratory? (Answer 'Yes' if it was sent to any state lab, even if it was sent to a lab outside of the case's state of residence)	Yes; No; Unknown	Site	Collect for all cases	1996-current	Lab Information	YES
125	TravelDest	Text Field	70	If case-patient traveled internationally, to where did they travel?	List country, or countries, visited	Site	Collect for cases that reported international travel during incubation period	2004-current	Travel	YES
126	TravelInt	Character	7	Did the case patient travel internationally? (within 30 days of onset for <i>Salmonella</i> Typhi, <i>Paratyphi</i> & <i>Listeria</i> , 14 days for <i>Cyclospora</i> , and 7 days for all other pathogens)	Yes; No; Unknown	Site	Collect for all cases	2004-current	Travel	YES
127	WGS_ID	Character	100	WGS ID Number	Varies by state: from pulsenet or NCBI	Site	Collect for all cases that were WGS	2018-current	Lab Information	NO
128	Zipcode	Character	10	Case-patient's zipcode	5 digit zipcode; 5 digit plus 4, if available.	Site	Collect for all cases	1996-current	Demographics	NO