Salmonella, Shiga Toxin-producing Escherichia coli (STEC), and Listeria (SSL) plus Shigella and Campylobacter

Report Period: [January 1, 2022] to [December 31, 2022]

Ten state and local health departments participate in FoodCORE. Data are only reported when available from three or more centers; 'n' indicates the number of centers reporting each metric.

Performance Metrics: (See <u>FoodCORE website</u> for complete language and definitions)	Salmonella	STEC	<i>Listeria</i>	Shigella	Campylobacter
	Mean (Range)	Mean (Range)	Mean (Range)	Mean (Range)	Mean (Range)
1a. Total number of isolates and isolate-yielding specimens	962 (470–1452)	273 (62–643)	30 (5–113)	131 (16–430)	373 (5–1160)
	n=10	n=10	n=10	n=10	n=10
Lb. Number of primary isolates and/or primary isolate-yielding specimens submitted to or recovered at the PHL	846 (362–1452)	205 (62–420)	19 (4–43)	96 (16–271)	350 (5–1084)
	n=10	n=10	n=10	n=10	n=10
a. Total number of preliminary positive clinical specimens or samples including, but not limited to CIDT) received at PHL (regardless of if solate-yielding or not)	849 (509–1530) n=9	436 (178–1173) n=10	n/a	149 (33–429) n=9	526 (16–1610) n=9
2b. Number; Percent isolate-yielding preliminary positive clinical specimens	764 (463–1452) 90% (82%–96%) n=9	215 (62–643) 49% (28%–68%) n=10	n/a	69 (13–210) 46% (20%–63%) n=9	354 (13–1160) 66% (38% –97%) n=9
B. Median days from isolation/isolate-yielding specimen collection to receipt at PHL	4 (2–9)	3 (1–5)	5 (2–9)	4 (1–6)	4 (2–6)
	n=10	n=10	n=10	n=9	n=10
Median days from receipt of isolate-yielding specimens PHL to recovery of isolate	2 (1–3)	3 (1–4)	1 (0-3)	3 (1–7)	2 (0–4)
	n=6	n=6	n=7	n=6	n=6
5. Percent of primary isolates with serotype information	96% (80%–100%) n=10	84% (61%–100%) n=10	n/a	98% (78%–100%) n=10	85% (0%–100%) n=7
6. Median days from isolate receipt (or recovery) to serotype result	5 (1–12) n=10	4 (1–9) n=10	n/a	2 (0–4) n=9	2 (0–4) n=7
. Percent of primary isolates with WGS information	95% (81%–100%)	90% (60%–100%)	98% (82%–100%)	81% (25%-100%)	76% (0%–100%)
	n=10	n=10	n=10	n=10	n=9
a. Median days from isolate receipt (or recovery) to WGS sequence eing shared	7 (4–12)	8 (4–13)	6 (4–13)	8 (4–24)	9 (5–11)
	n=10	n=10	n=10	n=10	n=8
b. Median days from isolate receipt (or recovery) at WGS lab to equence being shared	6 (3–12)	7 (4–11)	6 (3–11)	8 (3–22)	7 (3–10)
	n=10	n=10	n=10	n=10	n=8

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Performance Metrics:	Salmonella	STEC	Listeria	Shigella	Campylobacter
(See <u>FoodCORE website</u> for complete language and definitions)	Mean (Range)	Mean (Range)	Mean (Range)	Mean (Range)	Mean (Range)
9a. Number of reported laboratory confirmed cases	777 (347–1427)	182 (50–396)	20 (7–44)	102 (21–333)	529 (235–1095)
	n=10	n=10	n=10	n=10	n=10
9b. Number of reported probable cases	154 (47–430)	215 (59–472)	1 (0-4)	174 (25–878)	779 (241–2105)
	n=10	n=10	n=10	n=10	n=10
9c. Number of reported suspect cases	1 (0–4) n=10	3 (0–13) n=10	1 (0-2) n=10	0 (0–3) n=10	n/a
10a.1 Percent of confirmed cases with attempted interview	99% (97%–100%)	99% (95%–100%)	99% (89%–100%)	85% (14%–100%)	79% (3%–100%)
	n=10	n=10	n=10	n=9	n=9
10a.2 Percent of probable/suspect cases with attempted interview	98% (93%–100%)	90% (23%–100%)	58% (0%–100%)	84% (1%–100%)	80% (6%–100%)
	n=10	n=10	n=9	n=9	n=9
10b. Median days from confirmed/probable/suspect case report to interview attempt	1 (0-3)	2 (0–4)	2 (0–4)	3 (0–15)	2 (1–3)
	n=10	n=10	n=10	n=9	n=9
10c. Median days from confirmed/probable/suspect case report to completed interview	2 (0–5)	3 (0-9)	5 (1–17)	4 (1–9)	3 (2–7)
	n=10	n=10	n=10	n=9	n=9
10d. Percent of confirmed cases with complete demographic data	93% (81%–99%)	94% (84%–99%)	97% (91%–100%)	86% (61%–100%)	86% (49%–99%)
	n=10	n=10	n=10	n=9	n=9
10e. Percent of confirmed cases with exposure history	81% (59%–97%)	86% (63%–96%)	84% (47%-100%)	75% (54%–98%)	83% (66%–97%)
	n=10	n=10	n=10	n=9	n=9
10e.1 Percent of confirmed cases with full exposure interview	84% (70%–100%)	86% (74%–96%)	75% (47%–100%)	86% (59%–100%)	80% (48%–100%)
	n=10	n=10	n=10	n=9	n=9

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	Report Feriod. [January 1, 2022] to [December 51, 2022]				
Performance Metrics:	Salmonella	STEC	Listeria	Shigella	Campylobacter
(See <u>FoodCORE website</u> for complete language and definitions)	Mean (Range)	Mean (Range)	Mean (Range)	Mean (Range)	Mean (Range)
	91% (83%–98%)	82% (42%–100%)		74% (42%–100%)	
10f. Percent of confirmed cases with serotype information	n=10	n=10	n/a	n=9	n/a
10g. Percent of confirmed cases with WGS information	91% (82%–98%)	89% (52%–100%)	87% (44%–100%)	62% (19%–98%)	42% (0%–94%)
	n=10	n=10	n=10	n=9	n=9
10g.1 Percent of confirmed cases with WGS with exposure history	80% (58%–93%)	83% (59%–95%)	84% (55%–100%)	70% (11%–98%)	67% (0%–92%)
obtained	n=10	n=10	n=10	n=9	n=9
10h. Reasons for not interviewing cases		1			
Ton. Reasons for not interviewing cases	163 (56–442)	34 (5–74)	4 (0, 47)		
10h 1 Number: Dersent Lest to Fallow up/Defused Intension	20% (8%–38%)	16% (4%–32%)	4 (0–17) 18% (0%–47%)	n/a	n/a
10h.1 Number; Percent Lost to Follow-up/Refused Interview	n=10	n=10	n=10	nya	II/a
	5 (0–29)	0 (0-2)	0 (0–1)		
10h.2 Number; Percent Lag Time Too Long	0% (0%–2%)	0% (0%–1%)	0% (0%–3%)	n/a	n/a
1011.2 Number, Fercent Lag Time 100 Long	n=9	n=9	n=9	11/4	11/ u
	15 (0–70)	4 (0–28)	1 (0-4)		
10h.3 Number; Percent Other	2% (0%–8%)	2% (0%–15%)	5% (0%–18%)	n/a	n/a
	n=9	n=9	n=9	,	,
	52 (25, 02)	12 (1, 20)	2 (0. 7)		
11. Number of investigations	52 (25–92)	12 (1–29) n=10	2 (0-7) n=10	n/a	n/a
	n=10	11-10	11-10		
12a. Number; Percent of investigations with routine interview of	50 (25–86)	11 (1–27)	2 (0-7)		
cases	96% (86%–100%)	98% (83%–100%)	63% (0%–100%)	n/a	n/a
cuses	n=10	n=10	n=9		
12b. Number; Percent of investigations with supplemental/targeted	11 (1–20)	4 (0–14)	1 (0–2)	n/a n/a	
interviewing of cases	24% (2%–56%)	20% (0%–72%)	31% (0%–100%)		n/a
	n=10	n=10	n=9		
c. Number; Percent of investigations where an analytic	2 (0–5)	1 (0–6)	1 (0-3)		,
epidemiologic study conducted	5% (0%–20%)	11% (0%–29%)	18% (0%–100%)	n/a	n/a
	n=10	n=10	n=9		
13. Number; Percent of investigations with suspect vehicle/source identified	5 (0–8)	2 (0–11)	0 (0–2)		
	10% (0%–29%)	20% (0%–100%)	11% (0%–100%)	n/a	n/a
	n=10	n=10	n=9		

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Performance Metrics:	Salmonella Mean (Range)	STEC Mean (Range)	<i>Listeria</i> Mean (Range)	<i>Shigella</i> Mean (Range)	Campylobacter Mean (Range)
(See <u>FoodCORE website</u> for complete language and definitions)					
14. Number; Percent of investigations with confirmed vehicle/source identified	5 (0–14)	2 (0–10)	0 (0–1)		
	12% (0%–41%)	11% (0%–43%)	15% (0%–50%)	n/a	n/a
	n=10	n=10	n=9		
5. Number; Percent of investigations with source identified with:					
	2 (0–11)	2 (0–9)	0 (0–0)		
a. Exclusion of ill person(s)	4% (0%–14%)	11% (0%–50%)	0% (0%–0%)	n/a	n/a
	n=10	n=10	n=9		
	1 (0-2)	1 (0–6)	0 (0–1)		
b. Remediation or closure	2% (0%–8%)	9% (0%–43%)	15% (0%–50%)	n/a	n/a
	n=10	n=10	n=9		
c. Educational campaign	0 (0–2)	1 (0-8)	0 (0–1)		
	1% (0%–6%)	7% (0%–44%)	6% (0%–50%)	n/a	n/a
	n=10	n=10	n=9		
d. Media/public messaging	2 (0–11)	1 (0-5)	0 (0–1)		
	7% (0%–32%)	3% (0%–28%)	15% (0%–50%)	n/a	n/a
	n=10	n=10	n=9		
	1 (0-7)	1 (0-3)	0 (0–1)		
e. Regulatory action (recall, hold)	4% (0%–28%)	4% (0%–17%)	15% (0%–50%)	n/a	n/a
	n=10	n=10	n=9		
16. Number; Percent of investigations linked to a restaurant/food establishment with EHA	3 (0–6)	1 (0–6)	0 (0–1)		
	28% (0%–100%)	32% (0%–100%)	20% (0%–100%)	n/a	n/a
	n=10	n=10	n=9	·	,
	4 (0–16)	1 (0-3)	0 (0–1)		
17. Number; Percent of investigations with food/environmental	10% (0%–47%)	7% (0%–43%)	15% (0%–50%)	n/a	n/a
sample collected for testing	n=10	n=10	n=9	·	
18. Number; Percent of investigations where environmental health partners were contacted	7 (0–30)	3 (0–10)	0 (0–1)		
	19% (0%–88%)	18% (0%–56%)	15% (0%–50%)	n/a	n/a
	n=10	n=10	n=9	- 4 -	

All data are cumulative. Core performance metrics that are required for reporting are in bold.