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

Report Period: [January 1, 2023] to [December 31, 2023]

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	984 (569–1576)	304 (46–719)	23 (3–65)	223 (59–730)	449 (17–1160)
	n=10	n=10	n=10	n=10	n=10
1b. Number of primary isolates and/or primary isolate-yielding specimens submitted to or recovered at the PHL	902 (439–1333)	278 (46-717)	21 (2–62)	206 (55–706)	431 (17–1116)
	n=10	n=10	n=10	n=10	n=10
2a. Total number of preliminary positive clinical specimens or samples (including, but not limited to CIDT) received at PHL (regardless of if isolate-yielding or not)	881 (602–1370) n=9	466 (57–861) n=10	n/a	217 (102–540) n=9	680 (18–1850) n=9
2b. Number; Percent isolate-yielding preliminary positive clinical specimens	647 (0–1282) 77% (0%–95%) n=9	195 (0–443) 49% (0%–81%) n=10	n/a	89 (0–236) 41% (0%–69%) n=9	296 (0–889) 56% (0%–94%) n=9
3. Median days from isolation/isolate-yielding specimen collection to receipt at PHL	4 (2–6)	3 (1–4)	4 (3–6)	4 (1–6)	3 (2–5)
	n=10	n=10	n=10	n=10	n=10
4. Median days from receipt of isolate-yielding specimens at PHL to recovery of isolate	5 (1–13)	4 (1–7)	1 (0-3)	4 (1–7)	4 (2–7)
	n=8	n=8	n=7	n=8	n=8
5. Percent of primary isolates with serotype information	90% (3%–100%) n=10	82% (42%–100%) n=10	n/a	92% (43%–100%) n=10	91% (61%–100%) n=8
6. Median days from isolate receipt (or recovery) to serotype result	7 (1–13) n=10	5 (0–8) n=10	n/a	4 (1–7) n=10	4 (1–9) n=8
7. Percent of primary isolates with WGS information	99% (95%–100%)	95% (82%–100%)	95% (63%–100%)	86% (2%–100%)	86% (4%–100%)
	n=10	n=10	n=10	n=10	n=9
Ba. Median days from isolate receipt (or recovery) to WGS sequence being shared	7 (3-11)	7 (3–11)	10 (4–34)	7 (3–14)	9 (5–15)
	n=10	n=10	n=10	n=10	n=9
8b. Median days from isolate receipt (or recovery) at WGS lab to sequence being shared	6 (3–11)	6 (3–12)	5 (3–9)	6 (2–12)	7 (3–13)
	n=10	n=10	n=10	n=10	n=9

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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)
9a. Number of reported laboratory confirmed cases	808 (425–1323)	200 (52–385)	18 (1–49)	193 (34–832)	573 (310–1140)
	n=10	n=10	n=10	n=9	n=9
9b. Number of reported probable cases	189 (66–541)	250 (88–598)	2 (0-5)	301 (76–1541)	1026 (311–2599)
	n=10	n=10	n=10	n=9	n=9
9c. Number of reported suspect cases	1 (0-9) n=10	8 (0–33) n=10	1 (0-4) n=10	1 (0–4) n=9	n/a
10a.1 Percent of confirmed cases with attempted interview	99% (98%–100%)	99% (96%–100%)	100% (96%–100%)	87% (35%–100%)	82% (10%–100%)
	n=10	n=10	n=10	n=9	n=9
10a.2 Percent of probable/suspect cases with attempted interview	98% (96%–100%)	97% (84%–100%)	80% (0%–100%)	83% (11%–100%)	82% (9%–100%)
	n=10	n=10	n=10	n=9	n=9
10b. Median days from confirmed/probable/suspect case report to interview attempt	1 (0-3)	1 (0-3)	1 (0–3)	1 (0–5)	2 (0–5)
	n=10	n=10	n=10	n=9	n=9
10c. Median days from confirmed/probable/suspect case report to completed interview	2 (1–4)	2 (1–4)	5 (1–13)	4 (2–6)	3 (1–6)
	n=10	n=10	n=10	n=4	n=9
10d. Percent of confirmed cases with complete demographic data	95% (84%–100%)	95% (83%–100%)	100% (98%–100%)	90% (66%–100%)	89% (64%–100%)
	n=10	n=10	n=10	n=9	n=9
10e. Percent of confirmed cases with exposure history	81% (67%–90%)	85% (67%–97%)	85% (71%–100%)	74% (43%–100%)	76% (52%–94%)
	n=10	n=10	n=10	n=9	n=9
10e.1 Percent of confirmed cases with full exposure interview	78% (12%–97%)	80% (19%–98%)	81% (0%–100%)	73% (0%–100%)	72% (0%–96%)
	n=10	n=10	n=10	n=9	n=9

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Performance Metrics: (See <u>FoodCORE website</u> for complete language and definitions)	Salmonella Mean (Range)	STEC Mean (Range)	Listeria Mean (Range)	Shigella Mean (Range)	Campylobacter Mean (Range)
10f. Percent of confirmed cases with serotype information	92% (81%–99%) n=10	77% (8%–100%) n=10	n/a	71% (0%–100%) n=9	n/a
10g. Percent of confirmed cases with WGS information	92% (81%–99%) n=10	85% (55%–100%) n=10	81% (25%–100%) n=10	72% (33%–99%) n=9	45% (1%–92%) n=8
10g.1 Percent of confirmed cases with WGS with exposure history obtained	79% (61%–89%) n=10	82% (66%–93%) n=10	90% (77%–100%) n=10	68% (18%–100%) n=9	70% (30%–99%) n=8
10h. Reasons for not interviewing cases			1		
10h.1 Number; Percent Lost to Follow-up/Refused Interview	209 (69–560) 21% (14%–30%) n=10	50 (2–198) 17% (4%–27%) n=10	3 (0–11) 16% (0%–31%) n=10	n/a	n/a
10h.2 Number; Percent Lag Time Too Long	3 (0–15) 0% (0%–1%) n=8	0 (0–2) 1% (0%–4%) n=8	0 (0–0) 0% (0%–0%) n=8	n/a	n/a
10h.3 Number; Percent Other	33 (0–223) 3% (0%–22%) n=9	8 (0–60) 4% (0%–26%) n=9	2 (0-11) 6% (0%-22%) n=9	n/a	n/a
11. Number of investigations	57 (22–116) n=10	14 (4–45) n=10	2 (0–7) n=10	n/a	n/a
12a. Number; Percent of investigations with routine interview of cases	51 (19–103) 91% (68%–100%) n=10	12 (0-41) 84% (0%-100%) n=10	2 (0-7) 52% (0%-100%) n=9	n/a	n/a
12b. Number; Percent of investigations with supplemental/targeted interviewing of cases	12 (0–38) 25% (0%–59%) n=10	4 (0–14) 27% (0%–62%) n=10	0 (0–1) 17% (0%–100%) n=9	n/a	n/a
12c. Number; Percent of investigations where an analytic epidemiologic study conducted	4 (0–15) 8% (0%–41%) n=10	1 (0-3) 6% (0%-23%) n=10	0 (0–1) 6% (0%–50%) n=9	n/a	n/a
13. Number; Percent of investigations with suspect vehicle/source identified	4 (1–9) 9% (1%–24%) n=10	3 (0–10) 21% (0%–77%) n=10	0 (0–1) 17% (0%–100%) n=9	n/a	n/a

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Performance Metrics: (See <u>FoodCORE website</u> for complete language and definitions)	Salmonella Mean (Range)	STEC Mean (Range)	<i>Listeria</i> Mean (Range)	Shigella	Campylobacter Mean (Range)
				Mean (Range)	
	9 (0–31)	1 (0-8)	0 (0–1)		
14. Number; Percent of investigations with confirmed	17% (0%–49%)	5% (0%–23%)	7% (0%–50%)	n/a	n/a
vehicle/source identified	n=10	n=10	n=9		
5. Number; Percent of investigations with source identified with:					
	2 (0–12)	3 (0–10)	0 (0–0)		
a. Exclusion of ill person(s)	4% (0%–13%)	19% (0%–54%)	0% (0%–0%)	n/a	n/a
	n=10	n=10	n=9		
	2 (0–6)	1 (0–5)	0 (0–1)		
b. Remediation or closure	5% (0%–14%)	7% (0%–38%)	7% (0%–50%)	n/a	n/a
	n=10	n=10	n=9		
	1 (0–5)	1 (0-6)	0 (0–1)		
c. Educational campaign	4% (0%–19%)	8% (0%–46%)	6% (0%–50%)	n/a	n/a
	n=10	n=10	n=9		
d. Media/public messaging	6 (0–17)	1 (0-2)	0 (0–1)		
	12% (0%–46%)	4% (0%–15%)	7% (0%–50%)	n/a	n/a
	n=10	n=10	n=9		
e. Regulatory action (recall, hold)	2 (0–5)	0 (0–1)	0 (0–1)		
	5% (0%–14%)	2% (0%–8%)	7% (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 (0–9)	2 (0–5)	0 (0–2)		
	30% (0%–100%)	42% (0%–100%)	7% (0%–50%)	n/a	n/a
	n=10	n=10	n=9		
	4 (0–20)	1 (0-4)	0 (0–1)		
17. Number; Percent of investigations with food/environmental	10% (0%–54%)	11% (0%–31%)	13% (0%–50%)	n/a	n/a
sample collected for testing	n=10	n=10	n=9	•	,
	9 (0–30)	3 (0–7)	0 (0–1)		
18. Number; Percent of investigations where environmental health	19% (0%–81%)	21% (0%–46%)	13% (0%–50%)	n/a	n/a
partners were contacted	n=10	n=10	n=9	11/ 4	11/4

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