CDC FoodCORE Year 11 Cumulative Metrics Data

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

Report Period: [January 1, 2021] to [December 31, 2021]

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:	Salmonella	STEC	<i>Listeria</i>	<i>Shigella</i>	<i>Campylobacter</i>
(See <u>FoodCORE website</u> for complete language and definitions)	Mean (Range)	Mean (Range)	Mean (Range)	Mean (Range)	Mean (Range)
1a. Total number of isolates and isolate-yielding specimens	875 (348–1413)	224 (82–450)	27 (3–76)	89 (16–222)	373 (24–1211)
	n=10	n=10	n=10	n=10	n=10
1b. Number of primary isolates/isolate-yielding specimens	803 (305–1389)	193 (49–422)	24 (2–66)	80 (16–212)	363 (24–1174)
	n=10	n=10	n=10	n=10	n=10
2a. Total number of preliminary positive clinical specimens	805 (362–1514) n=9	366 (122–875) n=10	n/a	115 (33–291) n=9	499 (30–1590) n=9
2b. Number; Percent isolate-yielding preliminary positive clinical specimens	714 (348–1413) 89% (79%–98%) n=9	185 (49–459) 51% (32%–80%) n=10	n/a	57 (15–150) 50% (32%–79%) n=9	359 (19–1211) 72% (49%–100%) n=9
3. Median days from isolation/isolate-yielding specimen	4 (3–7)	3 (1–7)	4 (2–9)	3 (1–5)	3 (2–4)
collection to receipt at PHL	n=10	n=10	n=10	n=9	n=9
 Median days from receipt of isolate-yielding specimens	3 (1–5)	4 (2–6)	1 (0–3)	3 (1–4)	3 (2–4)
at PHL to recovery of isolate	n=6	n=6	n=6	n=6	n=6
5. Percent of primary isolates with serotype information	99% (93%–100%) n=10	81% (43%–100%) n=10	n/a	99% (94%–100%) n=10	91% (49%–100%) n=8
5. Median days from isolate receipt (or recovery) to serotype result	5 (1–12) n=10	4 (0–12) n=9	n/a	4 (1–10) n=9	4 (1–12) n=8
7. Percent of primary isolates with WGS information	97% (83%–100%)	94% (62%–100%)	98% (85%–100%)	69% (0%–100%)	77% (4%–100%)
	n=10	n=10	n=10	n=10	n=10
a. Median days from isolate receipt (or recovery) to WGS sequence	7 (4–16)	8 (4–17)	7 (4–14)	7 (3–9)	7 (4–11)
being shared	n=10	n=10	n=10	n=8	n=10
Bb. Median days from isolate receipt (or recovery) at WGS lab to equence being shared	7 (3–11)	7 (3–17)	6 (3–10)	6 (2–12)	7 (3–11)
	n=10	n=10	n=10	n=9	n=10

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Performance Metrics:	Salmonella	STEC	<i>Listeria</i>	<i>Shigella</i>	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	712 (291–1321)	169 (38–332)	21 (2–63)	80 (21–253)	554 (338–1192)
	n=10	n=10	n=10	n=10	n=9
9b. Number of reported probable cases	135 (30–311)	173 (44–375)	1 (0–3)	110 (25–492)	637 (200–1601)
	n=10	n=10	n=10	n=10	n=9
9c. Number of reported suspect cases	1 (0–4) n=10	3 (0–12) n=10	1 (0–3) n=10	1 (0-3) n=10	n/a
10a.1 Percent of confirmed cases with attempted interview	99% (95%–100%)	98% (91%–100%)	98% (81%–100%)	86% (5%–100%)	80% (4%–100%)
	n=10	n=10	n=10	n=10	n=9
10a.2 Percent of probable/suspect cases with attempted interview	98% (94%–100%)	88% (19%–100%)	71% (0%–100%)	86% (2%–100%)	79% (4%–100%)
	n=10	n=10	n=7	n=9	n=9
10b. Median days from confirmed/probable/suspect case report to interview attempt	2 (0–6)	2 (0–6)	2 (0–5)	2 (0–5)	2 (1–6)
	n=10	n=10	n=10	n=9	n=9
10c. Median days from confirmed/probable/suspect case report to completed interview	3 (0–9)	3 (0–9)	6 (0–33)	3 (1–10)	4 (1–12)
	n=10	n=10	n=10	n=9	n=9
10d. Percent of confirmed cases with complete demographic data	94% (83%–99%)	94% (85%–100%)	92% (79%–100%)	92% (75%–100%)	86% (53%–98%)
	n=10	n=10	n=10	n=9	n=9
10e. Percent of confirmed cases with exposure history	80% (64%–91%)	86% (71%–96%)	82% (45%–100%)	75% (55%–96%)	82% (42%–100%)
	n=10	n=10	n=10	n=9	n=9
10e.1 Percent of confirmed cases with full exposure interview	82% (22%–99%)	83% (37%–97%)	77% (0%–100%)	78% (0%–100%)	76% (0%–98%)
	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)	<i>Listeria</i> Mean (Range)	<i>Shigella</i> Mean (Range)	<i>Campylobacter</i> Mean (Range)
10f. Percent of confirmed cases with serotype information	93% (80%–98%) n=10	84% (42%–100%) n=10	n/a	70% (5%–100%) n=9	n/a
10g. Percent of confirmed cases with WGS information	92% (80%–98%) n=10	89% (59%–100%) n=10	91% (45%–100%) n=10	60% (0%–96%) n=9	36% (1%–85%) n=9
10g.1 Percent of confirmed cases with WGS with exposure history obtained	85% (66%–100%) n=10	84% (69%–94%) n=10	81% (58%–100%) n=10	67% (0%–92%) n=9	80% (46%–100%) n=9
10h. Reasons for not interviewing cases					
10h.1 Number; Percent Lost to Follow-up/Refused Interview	146 (42–311) 20% (7%–30%) n=10	30 (5–89) 15% (7%–35%) n=10	4 (0-13) 19% (0%-36%) n=10	n/a	n/a
10h.2 Number; Percent Lag Time Too Long	2 (0–12) 0% (0%–1%) n=9	1 (0-4) 0% (0%-2%) n=9	0 (0–0) 0% (0%–0%) n=9	n/a	n/a
10h.3 Number; Percent Other	24 (0–159) 3% (0%–19%) n=9	3 (0-13) 1% (0%-8%) n=9	1 (0-3) 4% (0%-18%) n=9	n/a	n/a
11. Number of investigations	44 (14–80) n=10	10 (3–21) n=10	3 (0–10) n=10	n/a	n/a
12a. Number; Percent of investigations with routine interview of cases	41 (12–78) 92% (65%–100%) n=10	9 (3–21) 94% (75%–100%) n=10	3 (0–10) 80% (0%–100%) n=10	n/a	n/a
12b. Number; Percent of investigations with supplemental/targeted interviewing of cases	11 (3–19) 31% (10%–71%) n=10	3 (0–8) 29% (0%–67%) n=10	1 (0–3) 37% (0%–100%) n=10	n/a	n/a
12c. Number; Percent of investigations where an analytic epidemiologic study conducted	3 (0–11) 13% (0%–79%) n=10	1 (0-4) 11% (0%-40%) n=10	0 (0–3) 11% (0%–100%) n=10	n/a	n/a
13. Number; Percent of investigations with suspect vehicle/source identified	6 (1–15) 17% (3%–57%) n=10	2 (0–6) 24% (0%–50%) n=10	1 (0–7) 26% (0%–100%) n=10	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 Mean (Range)	<i>Campylobacter</i> Mean (Range)
14. Number; Percent of investigations with confirmed	16% (3%–35%)	7% (0%–33%)	24% (0%–100%)	n/a	n/a
vehicle/source identified	n=10	n=10	n=10		
.5. Number; Percent of investigations with source identified with:					
	3 (0–13)	1 (0-4)	0 (0–0)		
a. Exclusion of ill person(s)	6% (0%–20%)	13% (0%–44%)	0% (0%–0%)	n/a	n/a
,	n=10	n=10	n=10		
	2 (0–9)	0 (0–1)	0 (0–1)		
b. Remediation or closure	6% (0%–28%)	2% (0%–10%)	4% (0%–25%)	n/a	n/a
	n=10	n=10	n=10		
	2 (0–9)	0 (0–3)	0 (0–1)		
c. Educational campaign	6% (0%–26%)	3% (0%–25%)	4% (0%–25%)	n/a	n/a
	n=10	n=10	n=10		
	4 (0–11)	0 (0–1)	1 (0–2)	n/a	n/a
d. Media/public messaging	11% (0%–32%)	2% (0%–10%)	10% (0%–33%)		
	n=10	n=10	n=10		
	3 (0–5)	1 (0-4)	0 (0–1)		
e. Regulatory action (recall, hold)	8% (0%–21%)	5% (0%–33%)	7% (0%–33%)	n/a	n/a
	n=10	n=10	n=10		
16. Number; Percent of investigations linked to a restaurant/food establishment with EHA	3 (0–10)	1 (0–3)	0 (0-1)		
	23% (0%–100%)	24% (0%–100%)	14% (0%–100%)	n/a	n/a
	n=10	n=10	n=10		
	3 (0–9)	1 (0–2)	1 (0-2)		
17. Number; Percent of investigations with food/environmental	8% (0%–26%)	8% (0%–25%)	24% (0%–100%)	n/a	n/a
sample collected for testing	n=10	n=10	n=10	·	
18. Number; Percent of investigations where environmental health partners were contacted	7 (0–16)	2 (0–5)	1 (0-4)		
	21% (0%-47%)	19% (0%–42%)	16% (0%-67%)	n/a	n/a
	n=10	n=10	n=10	170	170

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

*FoodCORE centers reported on Year 11 (2021) metrics in 2022. Performance measures where n<10 may be indicative of limitations in reporting due to restricted staff capacity as state and local health departments prioritized activities related to COVID-19 response efforts.