

**CDC FoodCORE Year Eight Cumulative Metrics Data**  
***Salmonella*, Shiga Toxin-producing *Escherichia coli* (STEC), and *Listeria* (SSL) plus *Shigella* and *Campylobacter***  
**Report Period: [January 1, 2018] to [December 31, 2018]**

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.

<b>Performance Metrics:</b> (See <a href="#">FoodCORE website</a> for complete language and definitions)	<b><i>Salmonella</i> Mean (Range)</b>	<b>STEC Mean (Range)</b>	<b><i>Listeria</i> Mean (Range)</b>	<b><i>Shigella</i> Mean (Range)</b>	<b><i>Campylobacter</i> Mean (Range)</b>
<b>1a. Total number of isolates and isolate-yielding specimens</b>	1082 (398–1661) n=10	239 (79–453) n=10	22 (2–51) n=10	182 (33–665) n=9	475 (70–1287) n=8
1b. Number of primary isolates/isolate-yielding specimens	960 (368–1514) n=10	219 (46–431) n=10	21 (2–49) n=10	173 (33–609) n=9	461 (70–1246) n=8
2a. Total number of preliminary positive clinical specimens	902 (446–1593) n=9	445 (171–922) n=10	n/a	194 (63–397) n=8	581 (74–1568) n=7
2b. Number; Percent isolate-yielding preliminary positive clinical specimens	762 (398–1514) 86% (53%–96%) n=9	226 (78–430) 52% (22%–73%) n=10	n/a	102 (26–187) 52% (29%–82%) n=8	402 (64–1002) 74% (53%–98%) n=7
<b>3. Median days from isolation/isolate-yielding specimen collection to receipt at PHL</b>	4 (3–7) n=10	3 (2–6) n=10	4 (1–6) n=10	4 (2–8) n=9	4 (3–5) n=8
4. Median days from receipt of isolate-yielding specimens at PHL to recovery of isolate	2 (0–4) n=9	4 (2–6) n=9	2 (0–3) n=8	3 (0–5) n=8	2 (0–5) n=7
<b>5. Percent of primary isolates with serotype information</b>	99% (95%–100%) n=10	79% (63%–100%) n=10	n/a	100% (98%–100%) n=9	77% (7%–100%) n=4
<b>6. Median days from isolate receipt (or recovery) to serotype result</b>	4 (2–7) n=10	3 (1–6) n=10	n/a	3 (1–5) n=9	3 (1–5) n=5
<b>7a. Percent of primary isolates with PFGE information</b>	99% (97%–100%) n=10	98% (86%–100%) n=10	26% (0–100%)* n=4	56% (0%–100%) n=9	32% (0%–100%)* n=8
7b. Percent of primary isolates with WGS information	91% (24%–100%) n=10	93% (43%–100%) n=10	100% (100%–100%) n=10	40% (0%–100%) n=9	58% (0%–97%) n=8
<b>8a. Median days from isolate receipt (or recovery) to PFGE upload to PulseNet</b>	4 (2–8) n=10	5 (2–10) n=10	2 (0–4)* n=3	10 (4–33) n=7	7 (0–17)* n=5

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8b. Median days from isolate receipt (or recovery) to WGS sequence being shared	12 (7–19) n=8	15 (7–25) n=8	8 (6–13) n=10	14 (6–30) n=7	14 (7–21) n=7
8c. Median days from isolate receipt (or recovery) at PFGE lab to upload to PulseNet	3 (1–7) n=10	3 (1–8) n=10	2 (0–4)* n=3	6 (2–18) n=7	3 (0–6)* n=5
8d. Median days from isolate receipt (or recovery) at WGS lab to upload to sequence being shared	9 (3–16) n=8	11 (3–22) n=8	7 (4–11) n=10	12 (3–30) n=7	8 (3–12) n=7
<b>9a. Number of reported laboratory confirmed cases</b>	880 (339–1446) n=10	204 (53–385) n=10	16 (2–36) n=10	189 (36–637) n=9	888 (340–1938) n=9
9b. Number of reported probable cases	97 (20–161) n=10	167 (59–349) n=10	n/a	137 (25–348) n=8	525 (184–1429) n=8
9c. Number of reported suspect cases	2 (0–17) n=9	6 (0–30) n=10	n/a	1 (0–4) n=7	n/a
<b>10a.1 Percent of confirmed cases with attempted interview</b>	98% (89%–100%) n=10	94% (69%–100%) n=10	97% (83%–100%) n=10	84% (0%–100%) n=9	74% (0%–100%) n=9
10a.2 Percent of probable/suspect cases with attempted interview	96% (77%–100%) n=10	95% (73%–100%) n=10	n/a	81% (4%–100%) n=8	84% (12%–100%) n=8
10b.1 Median days from confirmed case report to interview attempt	1 (0–3) n=9	1 (0–4) n=9	2 (0–5) n=9	1 (0–4) n=8	3 (0–8) n=8
10b.2 Median days from probable/suspect case report to interview attempt	1 (0–3) n=9	1 (0–4) n=9	n/a	1 (0–2) n=8	3 (0–13) n=8
10c.1 Median days from confirmed case report to completed interview	3 (1–7) n=10	3 (1–6) n=10	4 (1–12) n=10	3 (1–6) n=9	4 (1–11) n=9

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10c.2 Median days from probable/suspect case report to completed interview	2 (1–7) n=10	3 (1–8) n=10	n/a	15 (0–123) n=9	5 (1–17) n=8
10d. Percent of confirmed cases with complete demographic data	93% (81%–100%) n=10	93% (77%–100%) n=10	97% (88%–100%) n=10	90% (69%–98%) n=9	76% (0%–99%) n=9
<b>10e. Percent of confirmed cases with exposure history</b>	86% (79%–100%) n=10	92% (85%–100%) n=10	89% (67%–100%) n=10	84% (71%–100%) n=9	86% (77%–100%) n=9
10e.1 Percent of confirmed cases with full exposure interview	89% (81%–96%) n=9	88% (76%–99%) n=9	94% (64%–100%) n=9	78% (0%–100%) n=8	76% (0%–99%) n=7
10f. Percent of confirmed cases with serotype information	96% (85%–99%) n=10	78% (20%–100%) n=10	n/a	80% (0%–100%) n=9	n/a
10g. Percent of confirmed cases with PFGE information	93% (85%–99%) n=10	86% (21%–100%) n=10	14% (0%–100%)* n=7	43% (0%–91%) n=9	16% (0%–91%)* n=8
<b>10g.1 Percent of confirmed cases with PFGE with complete epi data</b>	84% (76%–94%) n=10	84% (56%–100%) n=10	n/a*	89% (69%–100%) n=6	69% (0%–100%)* n=5
<b>10h. Reasons for not interviewing cases</b>					
10h.1 Number; Percent Lost to Follow-up	102 (45–191) 24% (7%–71%) n=9	16 (2–30) 20% (4%–67%) n=9	1 (0–3) 6% (0%–18%) n=8		
10h.2 Number; Percent Refused interview	27 (4–77) 7% (1%–29%) n=10	3 (1–4) 7% (1%–33%) n=10	1 (0–2) 7% (0%–33%) n=10		
10h.3 Number; Percent Lag time too long	1 (0–2) 0% (0%–1%) n=9	1 (0–2) 3% (0%–22%) n=8	0 (0–1) 0% (0%–3%) n=8		
10h.4 Number; Percent Other	20 (0–68) 3% (0%–8%) n=10	6 (0–30) 2% (0%–13%) n=9	1 (0–2) 19% (0%–100%) n=10		

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11. Number of investigations	71 (26–118) n=10	14 (1–29) n=10	2 (0–10) n=10		
<b>12a. Number; Percent of investigations with routine interview of cases</b>	63 (16–116) 86% (32%–100%) n=10	12 (1–29) 80% (8%–100%) n=10	3 (0–10) 83% (0%–100%) n=6		
12b. Number; Percent of investigations with supplemental/targeted interviewing of cases	17 (1–38) 29% (1%–76%) n=10	17 (0–100) 43% (0%–100%) n=10	1 (0–3) 47% (0%–100%) n=6		
<b>12c. Number; Percent of investigations where an analytic epidemiologic study conducted</b>	3 (0–12) 6% (0%–23%) n=10	4 (0–25) 13% (0%–60%) n=10	0 (0–1) 2% (0%–10%) n=6		
<b>13. Number; Percent of investigations with suspect vehicle/source identified</b>	5 (0–24) 9% (0%–27%) n=10	4 (0–13) 17% (0%–60%) n=10	0 (0–1) 25% (0%–100%) n=6		
<b>14. Number; Percent of investigations with confirmed vehicle/source identified</b>	10 (0–24) 16% (0%–46%) n=10	2 (0–7) 18% (0%–50%) n=10	0 (0–0) 0% (0%–0%) n=6		
15. Number; Percent of investigations with source identified with:					
a. Exclusion of ill person(s)	4 (0–19) 5% (0%–16%) n=10	4 (0–25) 17% (0%–100%) n=10	0 (0–0) 0% (0%–0%) n=6		
b. Remediation or closure	2 (0–8) 4% (0%–13%) n=10	1 (0–5) 8% (0%–25%) n=10	0 (0–0) 0% (0%–0%) n=6		
c. Educational campaign	1 (0–3) 2% (0%–7%) n=10	1 (0–6) 10% (0%–60%) n=10	0 (0–0) 0% (0%–0%) n=6		
d. Media/public messaging	6 (0–13) 9% (0%–29%) n=10	2 (0–3) 22% (0%–60%) n=10	0 (0–0) 0% (0%–0%) n=6		
e. Regulatory action (recall, hold)	4 (0–9) 5% (0%–13%) n=10	1 (0–3) 14% (0%–50%) n=10	0 (0–0) 0% (0%–0%) n=6		

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<b>16. Number; Percent of investigations linked to a restaurant/food establishment with EHA</b>	5 (1–13) 35% (1%–100%) n=10	3 (0–7) 48% (0%–100%) n=9	0 (0–1) 17% (0%–100%) n=6		
<b>17. Number; Percent of investigations with food/environmental sample collected for testing</b>	6 (1–22) 11% (1%–49%) n=10	2 (0–4) 12% (0%–40%) n=10	0 (0–1) 25% (0%–100%) n=6		
<b>18. Number; Percent of investigations where environmental health partners were contacted</b>	12 (1–27) 19% (1%–60%) n=10	4 (1–9) 41% (12%–100%) n=10	1 (0–3) 30% (0%–100%) n=6		
<b>19. Number; Percent of outbreaks with NORS form completed</b>	13 (1–32) 82% (11%–100%) n=10	4 (0–11) 78% (0%–100%) n=10	0 (0–1) 17% (0%–100%) n=6		

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

\*CDC PulseNet fully implemented whole genome sequencing (WGS) to replace pulsed-field gel electrophoresis (PFGE) testing as the national, primary subtyping method for *Listeria monocytogenes* and *Campylobacter jejuni/coli* on January 15, 2018 and March 15, 2018, respectively. CDC is quickly expanding the use of WGS to state laboratories and scientists will soon be using WGS for other enteric pathogens, such as Shiga toxin-producing *Escherichia coli* (STEC), *Shigella*, and *Salmonella*. FoodCORE centers discontinued reporting of PFGE metrics for *Listeria* and *Campylobacter* starting in Year 8 of the program and will discontinue reporting of PFGE metrics for other enteric pathogens in the future.