

**CDC FoodCORE Year Nine Cumulative Metrics Data**  
***Salmonella*, Shiga Toxin-producing *Escherichia coli* (STEC), and *Listeria* (SSL) plus *Shigella* and *Campylobacter***  
 Report Period: [January 1, 2019] to [December 31, 2019]

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>	1104 (349–1831) n=9	293 (74–565) n=9	22 (2–53) n=9	152 (49–576) n=8	439 (72–1179) n=8
1b. Number of primary isolates/isolate-yielding specimens	1010 (318–1869) n=9	242 (72–498) n=9	19 (2–43) n=9	143 (41–546) n=8	414 (78–1153) n=8
2a. Total number of preliminary positive clinical specimens	884 (385–1935) n=8	472 (145–1128) n=9	n/a	150 (80–338) n=7	622 (81–1553) n=7
2b. Number; Percent isolate-yielding preliminary positive clinical specimens	786 (350–1831) 90% (74%–98%) n=8	239 (72–565) 53% (22%–77%) n=9	n/a	78 (25–177) 51% (29%–71%) n=7	442 (80–1179) 73% (31%–99%) n=7
<b>3. Median days from isolation/isolate-yielding specimen collection to receipt at PHL</b>	4 (1–9) n=9	4 (1–12) n=9	4 (2–8) n=9	4 (2–6) n=8	4 (2–5) n=8
4. Median days from receipt of isolate-yielding specimens at PHL to recovery of isolate	2 (1–3) n=5	4 (2–6) n=5	1 (0–3) n=6	2 (2–3) n=5	2 (1–3) n=6
<b>5. Percent of primary isolates with serotype information</b>	98% (84%–100%) n=9	77% (28%–100%) n=9	n/a	100% (99%–100%) n=8	81% (8%–100%) n=5
<b>6. Median days from isolate receipt (or recovery) to serotype result</b>	4 (2–6) n=9	4 (1–8) n=9	n/a	2 (1–4) n=7	3 (1–8) n=5
7a. Percent of primary isolates with PFGE information**	45% (33%–56%) n=8	37% (0%–56%) n=8	19% (0%–100%) n=7	26% (0%–55%) n=6	11% (0%–54%) n=5
7b. Percent of primary isolates with WGS information	98% (92%–100%) n=9	99% (97%–100%) n=9	99% (93%–100%) n=9	74% (2%–100%) n=7	80% (0%–100%) n=7
8a. Median days from isolate receipt (or recovery) to PFGE upload to PulseNet**	5 (2–7) n=8	5 (2–9) n=7	3 (0–5) n=3	7 (6–8) n=4	4 (0–6) n=3

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<b>Performance Metrics:</b> (See <a href="#">FoodCORE website</a> for complete language and definitions)	<b><i>Salmonella</i></b> Mean (Range)	<b>STEC</b> Mean (Range)	<b><i>Listeria</i></b> Mean (Range)	<b><i>Shigella</i></b> Mean (Range)	<b><i>Campylobacter</i></b> Mean (Range)
8b. Median days from isolate receipt (or recovery) to WGS sequence being shared	8 (4–17) n=9	8 (5–13) n=9	6 (0–10) n=9	9 (5–11) n=7	13 (8–21) n=6
8c. Median days from isolate receipt (or recovery) at PFGE lab to upload to PulseNet**	3 (1–4) n=8	3 (1–4) n=7	2 (0–4) n=3	4 (3–5) n=4	3 (0–5) n=3
8d. Median days from isolate receipt (or recovery) at WGS lab to upload to sequence being shared	7 (3–14) n=9	6 (3–9) n=9	6 (4–8) n=9	7 (3–10) n=7	9 (3–20) n=6
<b>9a. Number of reported laboratory confirmed cases</b>	864 (303–1686) n=10	218 (41–433) n=10	18 (2–38) n=10	168 (43–581) n=8	765 (381–1813) n=9
9b. Number of reported probable cases	106 (20–283) n=10	196 (59–543) n=10	n/a	157 (23–530) n=8	626 (172–1840) n=9
9c. Number of reported suspect cases	2 (0–18) n=10	5 (0–29) n=10	n/a	1 (0–9) n=8	n/a
<b>10a.1 Percent of confirmed cases with attempted interview</b>	99% (95%–100%) n=10	99% (91%–100%) n=10	98% (86%–100%) n=10	92% (64%–100%) n=8	84% (9%–100%) n=9
10a.2 Percent of probable/suspect cases with attempted interview	95% (83%–100%) n=10	94% (67%–100%) n=10	n/a	85% (9%–99%) n=8	84% (7%–100%) n=9
10b. Median days from confirmed/probable/suspect case report to interview attempt	1 (0–3) n=10	1 (0–3) n=10	1 (0–7) n=10	1 (0–6) n=8	2 (0–5) n=9
10c. Median days from confirmed/probable/suspect case report to completed interview	2 (1–5) n=10	2 (0–5) n=10	3 (1–7) n=10	2 (0–8) n=8	4 (0–13) n=9

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10d. Percent of confirmed cases with complete demographic data	94% (88%–100%) n=10	93% (81%–100%) n=10	95% (79%–100%) n=10	90% (71%–100%) n=8	73% (0%–98%) n=9
<b>10e. Percent of confirmed cases with exposure history</b>	84% (76%–91%) n=10	90% (84%–94%) n=10	87% (54%–100%) n=10	71% (0%–88%) n=8	63% (0%–90%) n=9
10e.1 Percent of confirmed cases with full exposure interview	83% (27%–99%) n=10	86% (39%–98%) n=10	70% (0%–100%) n=10	79% (0%–100%) n=7	80% (0%–99%) n=7
10f. Percent of confirmed cases with serotype information	95% (80%–99%) n=10	83% (60%–100%) n=10	n/a	92% (74%–100%) n=8	n/a
10g. Percent of confirmed cases with PFGE information**	41% (31%–55%) n=9	35% (0%–56%) n=9	19% (0%–100%) n=8	22% (0%–56%) n=7	10% (0%–48%) n=7
10g.1 Percent of confirmed cases with PFGE with complete epi data**	83% (61%–95%) n=9	88% (82%–96%) n=8	40% (0%–100%) n=5	82% (71%–94%) n=4	61% (0%–92%) n=4
<b>10h. Reasons for not interviewing cases</b>					
10h.1 Number; Percent Lost to Follow-up/Refused Interview	144 (48–354) 17% (8%–33%) n=10	23 (0–60) 10% (0%–19%) n=10	2 (0–11) 11% (0%–39%) n=10		
10h.2 Number; Percent Lag Time Too Long	2 (0–11) 0% (0%–1%) n=9	1 (0–9) 0% (0%–3%) n=9	0 (0–0) 0% (0%–0%) n=9		
10h.3 Number; Percent Other	26 (0–97) 2% (0%–7%) n=10	3 (0–10) 1% (0%–4%) n=10	1 (0–3) 2% (0%–11%) n=10		
11. Number of investigations	56 (22–98) n=10	14 (0–40) n=10	2 (0–7) n=10		
<b>12a. Number; Percent of investigations with routine interview of cases</b>	40 (0–84) 72% (0%–100%) n=10	13 (0–40) 79% (0%–100%) n=10	2 (0–7) 83% (0%–100%) n=8		

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12b. Number; Percent of investigations with supplemental/targeted interviewing of cases	13 (1–26) 24% (2%–58%) n=9	4 (0–8) 30% (0%–62%) n=9	1 (0–1) 40% (0%–100%) n=7		
<b>12c. Number; Percent of investigations where an analytic epidemiologic study conducted</b>	2 (0–6) 15% (0%–100%) n=10	1 (0–4) 9% (0%–23%) n=10	0 (0–3) 13% (0–100%) n=8		
<b>13. Number; Percent of investigations with suspect vehicle/source identified</b>	6 (0–18) 14% (0%–45%) n=10	3 (0–6) 20% (0%–46%) n=10	1 (0–2) 50% (0%–100%) n=8		
<b>14. Number; Percent of investigations with confirmed vehicle/source identified</b>	8 (0–19) 14% (0%–36%) n=10	3 (0–11) 17% (0%–43%) n=10	0 (0–1) 13% (0%–100%) n=8		
15. Number; Percent of investigations with source identified with:					
a. Exclusion of ill person(s)	4 (0–14) 6% (0%–17%) n=9	2 (0–6) 12% (0%–46%) n=9	0 (0–1) 5% (0%–33%) n=7		
b. Remediation or closure	2 (0–8) 3% (0%–8%) n=9	1 (0–3) 6% (0%–23%) n=9	0 (0–1) 21% (0%–100%) n=7		
c. Educational campaign	2 (0–5) 4% (0%–18%) n=8	1 (0–8) 13% (0%–62%) n=8	0 (0–0) 0% (0%–0%) n=6		
d. Media/public messaging	4 (0–12) 9% (0%–27%) n=9	2 (0–5) 12% (0%–38%) n=9	0 (0–1) 19% (0%–100%) n=7		
e. Regulatory action (recall, hold)	2 (0–5) 4% (0%–14%) n=8	2 (0–4) 11% (0%–31%) n=8	0 (0–1) 22% (0%–100%) n=6		
<b>16. Number; Percent of investigations linked to a restaurant/food establishment with EHA</b>	5 (1–11) 32% (4%–100%) n=10	2 (0–4) 32% (0%–100%) n=10	0 (0–1) 5% (0%–33%) n=7		
<b>17. Number; Percent of investigations with food/environmental sample collected for testing</b>	4 (0–14) 11% (0%–36%) n=10	1 (0–3) 7% (0%–23%) n=10	1 (0–1) 33% (0%–100%) n=8		

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18. Number; Percent of investigations where environmental health partners were contacted	9 (1–26) 19% (2%–58%) n=9	3 (0–5) 22% (0%–43%) n=9	1 (0–3) 44% (0%–100%) n=7		
<b>19. Number; Percent of outbreaks with NORS form completed</b>	11 (1–23) 83% (13%–100%) n=10	4 (0–11) 70% (0%–100%) n=9	0 (0–1) 43% (0%–100%) n=7		

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

\*CDC FoodCORE centers reported on Year Nine (2019) cumulative metrics in 2020. 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.

\*\*Starting in 2018, CDC PulseNet implemented whole genome sequencing (WGS) to replace pulsed-field gel electrophoresis (PFGE) testing as the national, primary subtyping method for enteric pathogens. Reporting for PFGE metrics (SSL 7a, 8a, 8c, 10g, and 10g.1) became optional in 2019.