



Clark County Public Health Communicable Disease Surveillance Report

Quarter 3: July–September, 2023

NOTE: The purpose of this report is to summarize general communicable disease data and trends. Users should be aware of analysis methods and data notes outlined at the end of this report to correctly interpret data. Only select conditions and case classifications are included in this report, with priority given to conditions with higher case counts and/or public health impact.

Summary

- During Quarter 3 (July–September 2023), **Campylobacteriosis** and **Salmonellosis** were the most common non-STI notifiable conditions reported.
- This quarter’s Communicable Disease Spotlight focuses on ways to prevent illness during respiratory illness season in Clark County and can be found on page 2.

Condition	Quarter 3 2023	Quarter 2 2023	YTD through Sept 2023	YTD through Sept 2022	% Change
Arboviral Disease	0	2	2	1	100.0%
Botulism, infant	1	0	1	0	N/A*
Campylobacteriosis	34	35	86	82	4.9%
Chlamydia	435	434	1,326	1,402	-5.4%
Coccidioidomycosis	0	2	4	5	-20.0%
Cryptococcus gattii infection	0	0	0	1	-100.0%
Cryptosporidiosis	3	5	10	4	150.0%
Diphtheria	1	0	1	0	N/A*
Giardiasis	7	7	22	36	-38.9%
Gonorrhea	115	120	390	420	-7.1%
Haemophilus influenzae	0	0	0	1	-100.0%
Hepatitis A	0	0	0	1	-100.0%
Hepatitis C (acute and chronic)	38	54	161	163	-1.2%
Hepatitis E	0	0	0	1	-100.0%
Herpes simplex	1	2	5	16	-68.8%
Highly antibiotic resistant organism	4	3	8	1	700.0%
Influenza, seasonal (required for deaths of lab-confirmed cases)	0	0	14	0	N/A*
Legionellosis	3	5	10	10	0.0%
Listeriosis	0	0	1	0	N/A*
Lyme Disease	1	0	1	2	-50.0%
Malaria	1	3	7	1	600.0%
Mpox	0	0	1	13	-92.3%
Pertussis	1	0	3	5	-40.0%
Poliomyelitis/Acute Flaccid Myelitis	0	0	1	0	N/A*
Rabies suspected exposure	5	0	5	16	-68.8%
Salmonellosis	28	13	52	32	62.5%
Shiga toxin-producing Escherichia coli (STEC)	9	10	23	19	21.1%
Shigellosis	3	9	14	14	0.0%
Syphilis (all)	43	57	168	173	-2.8%
Tickborne	0	0	0	2	-100.0%
Tularemia	0	0	0	1	-100.0%
Typhoid fever	0	1	1	0	N/A*
Vibriosis (non-cholera)	3	0	3	4	-25.0%
West Nile Virus Disease	1	0	1	0	N/A*
Yersiniosis	2	1	3	4	-25.0%

*note: percent change is undefined when the starting quantity is zero

Communicable Disease SPOTLIGHT ON

Staying Healthy!



The Communicable Disease Spotlight is a rotating feature which takes a closer look at public health topics of interest based on seasonality, media coverage, or impact on our community. This quarter, we will focus on staying healthy during respiratory illness season.

Respiratory viruses typically circulate in the fall and winter seasons as people head indoors. Some common viruses seen in Clark County include influenza (flu), RSV (respiratory syncytial virus), and COVID-19. To learn more about respiratory virus activity in our community, see the following links:

[*Clark County Weekly Influenza report](#)

[*Clark County Respiratory Dashboard](#)

PREVENT FLU AND OTHER RESPIRATORY VIRUSES

- Wash hands often with soap and water for 20 seconds
- If soap and water aren't available, use alcohol-based hand sanitizer
- Cover your cough
- Stay home when sick



AVAILABLE IMMUNIZATIONS:

Influenza

- Ages 6 months and older

COVID-19

- Ages 6 months and older



RSV (Respiratory Syncytial Virus)

- Infants under 8 months
- High risk infants and toddlers 8 -19 months
- Adults ages 60+
- Pregnant people from week 32-36 weeks

HOW TO TELL THE DIFFERENCE BETWEEN FLU, RSV, COVID-19, AND THE COMMON COLD

Common symptoms may include cough, headaches, sneezing, runny nose, and congestion. Different symptoms may include:



	COLD	FLU	COVID-19	RSV
ACHES	XX	XXX	XX	X
DIFFICULTY BREATHING	X	X	XXX	XX
FATIGUE	XX	XXX	XXX	X
FEVER	X	XXX	XX	XX
LOSS OF TASTE OR SMELL	X	X	XX	X
SORE THROAT	XXX	XX	XXX	X
WHEEZING	X	X	X	XXX

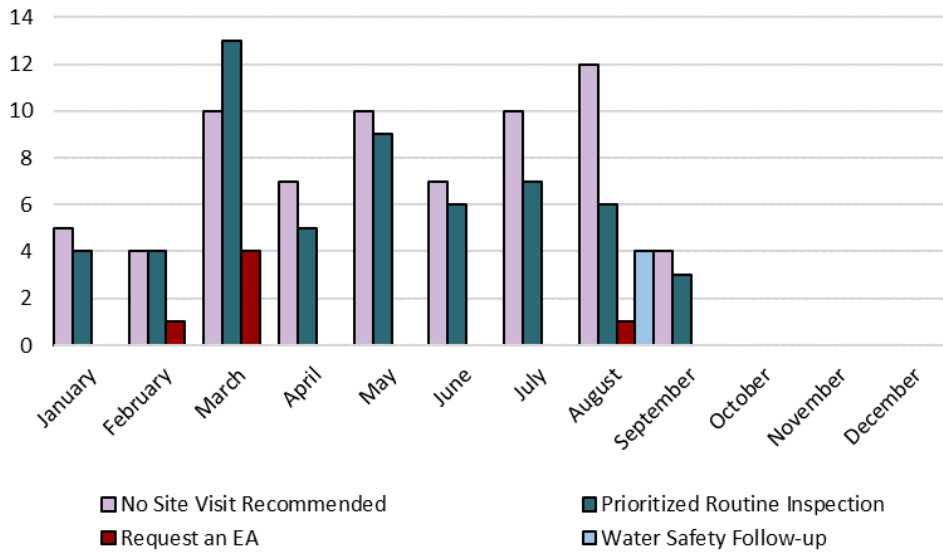


Illness Complaint Investigations

Summary

- CD received 115 illness complaints in 2022, and 143 illness complaints as of September 2023.
- In 2023 so far, 7% of complainants were identified as working in direct care of children, the elderly, or individuals who are otherwise at a high risk for disease or where disease spread could occur due to the nature of the work.

Illness Complaint Outcomes by Month, 2023 YTD



Types of Follow-Up:

Follow-up is not recommended when CD team members identify additional sources of exposure and/or illness profiles do not align with exposure.

Prioritized routine inspections are recommended when the illness profile *could* be linked to the suspect meal or food item.

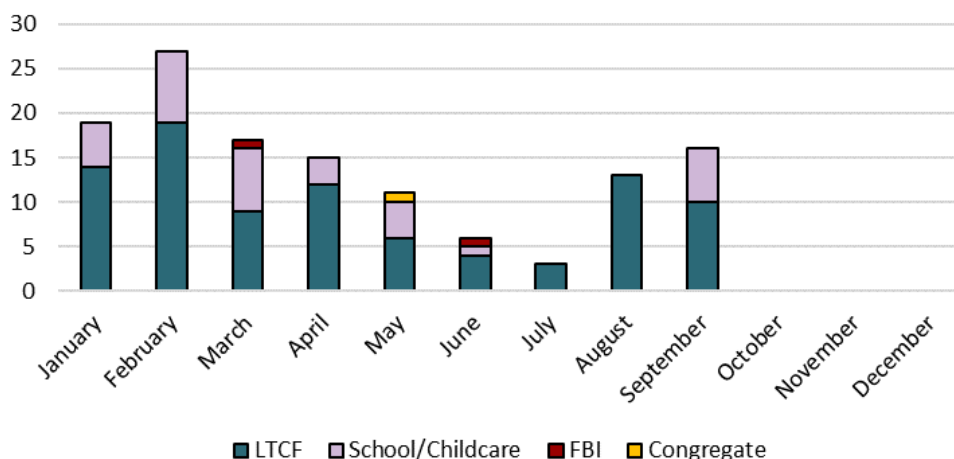
Environmental Assessments (EA) are recommended when 2 or more illness complaints are received from separate households that shared a suspect meal.

Outbreak Investigations

Summary

- CD and IP (Infection Prevention) have investigated 127 outbreaks as of September 2023.
- Outbreaks are followed for a period of time depending on the disease until there are no new onsets of symptoms.
- Outbreaks of COVID-19, varicella, VGE, ILI and FBI by facility type are reflected in the figure below.

CD & IP Outbreak Investigations by Month and Facility Type, 2023 YTD



Investigation Outcomes:

- CD and IP work with childcare centers, schools and Environmental Public Health (EPH) through an outbreak's duration.
- CD and IP investigate suspected viral gastroenteritis (VGE), influenza like illnesses (ILI), COVID-19 and foodborne illnesses (FBI).
- Depending on an outbreak's size, additional steps may be warranted, including:
 - Environmental Assessments (EAs)
 - Site visits



Data Notes

- Cases included in this document were reported to Clark County Public Health (CCPH) and meet the following criteria:
 - ⇒ Resident of Clark County, WA at the time of report.
 - ⇒ Assigned a Washington State Department of Health case classification of confirmed, probable, or suspect.
- Conditions included herein may be reportable by law under Washington Administration Code chapter 246-101, or were obtained through voluntary submission.
- Data are provisional and subject to change.
- This report is prepared following the end of the calendar month; changes caused by delayed case reports, case deduplication, or erroneous data entries will be reflected in later reports.
- General communicable disease cases (confirmed, suspect, and probable) are counted based on notification date.
- STDs cases are counted by derived diagnosis date.
- Counts may not coincide with data in Washington State Department of Health reports due to reporting delays and minor variations in analysis.
- Select case classifications are excluded for Measles, Rubella, Diphtheria, Poliomyelitis, Lyme Disease, and Mumps.
- Conditions with zero case counts at all presented data points are excluded from this report.
- For the most comprehensive HIV surveillance data, as well as information on HIV outreach and prevention, visit the Washington State Department of Health HIV Statistics and Research page:
<https://doh.wa.gov/data-and-statistical-reports/diseases-and-chronic-conditions/hiv-data>
- Local-level Hepatitis B and C data is currently under review. For more information about Hepatitis in Washington state, visit the Washington State Department of Health Chronic Hepatitis Surveillance Page:
<https://www.doh.wa.gov/DataandStatisticalReports/DiseasesandChronicConditions/ChronicHepatitisSurveillance>



Communicable Disease Resources

- **Clark County Public Health Communicable Disease Webpage:**
 - ⇒ Data and reports: <https://clark.wa.gov/public-health/community-data>
 - ⇒ Resources for healthcare providers: <https://www.clark.wa.gov/public-health/resources-healthcare-providers>
 - ⇒ Weekly Influenza report: <https://clark.wa.gov/sites/default/files/media/document/2023>
 - ⇒ Respiratory dashboard: <https://clark.wa.gov/public-health/respiratory-illness-data>
- **Washington State Department of Health Communicable Disease Resources:**
 - ⇒ List of notifiable conditions: <https://www.doh.wa.gov/ForPublicHealthandHealthcareProviders/NotifiableConditions/ListofNotifiableConditions>
 - ⇒ Communicable disease surveillance data: <https://www.doh.wa.gov/DataandStatisticalReports/DiseasesandChronicConditions/CommunicableDiseaseSurveillanceData>
 - ⇒ Respiratory dashboard: <https://doh.wa.gov/data-and-statistical-reports/diseases-and-chronic-conditions/communicable-disease-surveillance-data/respiratory-illness-data-dashboard>



Contact Information

Sierra Kerns-Funk, MPH
Epidemiologist
Clark County Public Health
sierra.kerns-funk@clark.wa.gov

Melodie Bianchini, MPH, CPH
Epidemiologist
Clark County Public Health
melodie.bianchini@clark.wa.gov

Mariah Harper, MPH, REHS
Epidemiologist
Clark County Public Health
mariah.harper@clark.wa.gov