



Clark County Public Health Communicable Disease Surveillance Report

October 2019

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

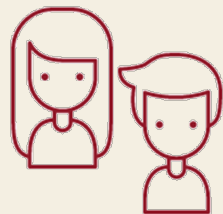
- In October 2019, **Campylobacter** and **Pertussis** were the most common non-STD notifiable conditions reported, with 11 cases each. Pertussis activity in October was below expected thresholds for the month.
- This month's Communicable Disease Spotlight features our quarterly sexually transmitted diseases (STDs) update, and highlights local STD services on page 2.

Condition	September 2019	October 2019	YTD through October 2019	YTD through October 2018	% Change
Botulism	1	0	1	1	0.00%
Campylobacteriosis	16	11	99	81	22.22%
Chlamydia	173	170	1694	1656	2.29%
Coccidiomycosis	1	0	5	2	150.00%
Cryptosporidiosis	2	2	15	15	0.00%
Cyclosporiasis	1	0	1	2	-50.00%
Dengue fever	0	0	1	1	0.00%
Giardiasis	5	3	29	37	-21.62%
Gonorrhea	36	45	450	546	-17.58%
Haemophilus influenzae	0	0	1	0	0.00%
Hepatitis A	1	1	5	2	150.00%
Herpes simplex	24	29	239	240	-0.42%
Influenza-associated death	0	0	4	13	-69.23%
Legionellosis	0	1	9	9	0.00%
Listeriosis	0	1	2	3	-33.33%
Lyme disease	0	0	1	2	-50.00%
Malaria	0	0	2	2	0.00%
Measles	0	0	70	1	6900.00%
Meningococcal disease	0	0	0	1	-100.00%
Mumps	0	0	0	3	-100.00%
Pertussis	14	11	149	115	29.57%
Poliomyelitis	0	0	0	1	-100.00%
Prion disease	0	0	1	0	0.00%
Rabies, suspect exposure	1	0	10	10	0.00%
Rickettsiosis	0	0	0	0	0.00%
Salmonellosis	3	6	45	56	-19.64%
Shiga toxin-producing E. coli (STEC)	2	5	25	27	-7.41%
Shigellosis	0	1	8	11	-27.27%
Syphilis	12	8	91	67	35.82%
Typhoid fever	0	0	1	0	0.00%
Unexplained critical illness or death	0	0	0	1	-100.00%
Vibriosis (non-cholera)	0	2	8	27	-70.37%
Yersiniosis	0	0	6	7	-14.29%
Zika infection	0	0	0	2	-100.00%

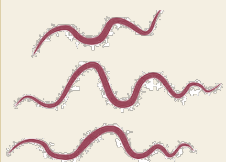
Communicable Disease Spotlight on Sexually Transmitted Diseases

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. In this month's spotlight, we provide an update on sexually transmitted diseases in Clark County and highlight some local STD resources.

To date in 2019:



The majority of **chlamydia** and **gonorrhea** diagnoses were made among individuals between **15-24 years of age**



25-34 year olds were more commonly diagnosed with **syphilis** compared to other age groups.

60%

of **gonorrhea** diagnoses were made among males



66%

of **chlamydia** diagnoses were made among females

Local STD Resources



CAP Clinic

Screening services for **chlamydia**, **gonorrhea**, **syphilis** and **HIV** offered on a first come, first serve basis.



Expedited Partner Therapy

Eligibility criteria apply.

For more information on how to prescribe visit: <https://www.clark.wa.gov/public-health/expedited-partner-therapy-ept>

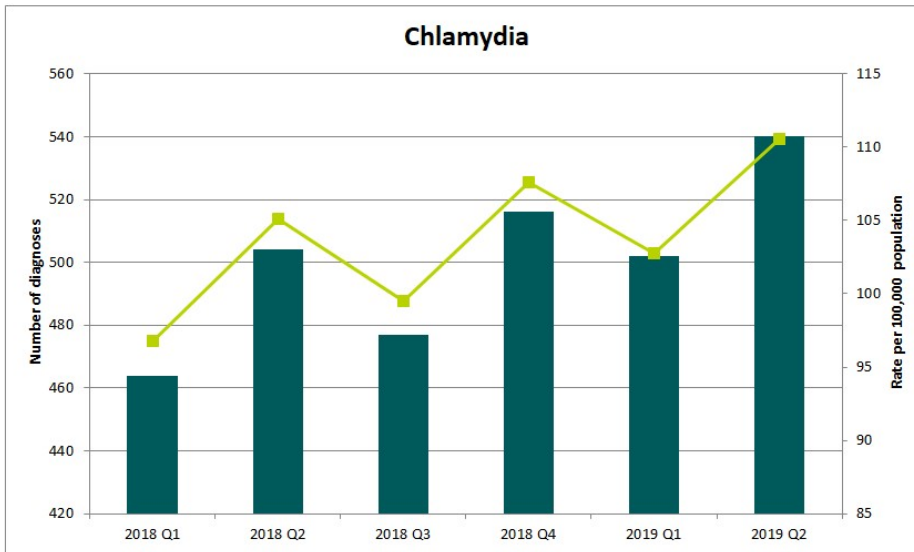


Questions about STDs or where you can go to get screened?

Contact your healthcare provider, or the Clark County Public Health STD Program at 564-397-8082.

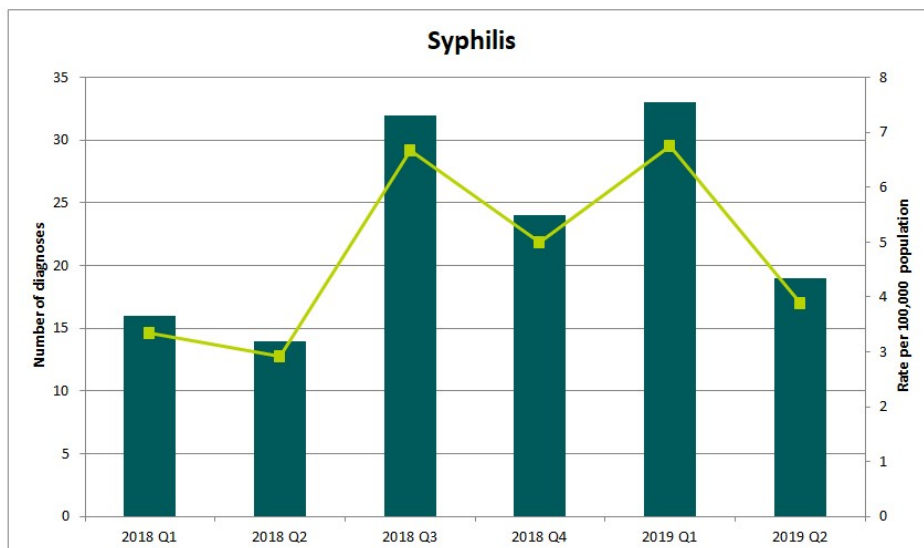
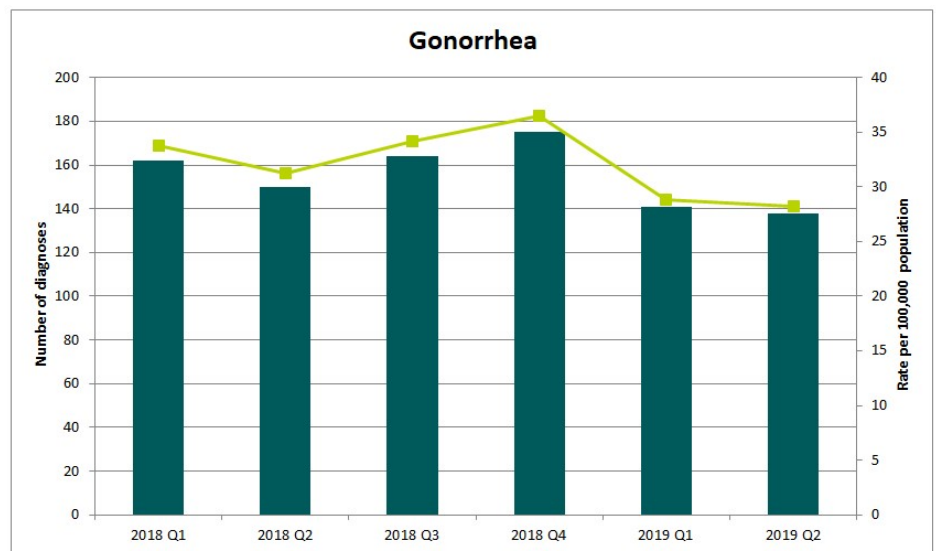
Quarterly Clark County STD Updates, 2018-2019

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Chlamydia is the most commonly reported STD diagnosis in Clark County. Although there is some variation by quarter, **annual rates have remained relatively stable, increasing only 4.0% from 2013-2019 YTD.**

Gonorrhea is the second most commonly reported STD in the county. Clark County experienced an **increase in gonorrhea rate from 2013-2018, although quarterly rates from 2018-2019 YTD appear to be stabilizing.**



Syphilis data includes early, latent, and congenital types. Syphilis rates have been increasing both locally and nationally. In Clark County, **the rate of syphilis diagnoses increased 51.9% from 2013 to 2019 YTD.**

Pertussis Surveillance Updates

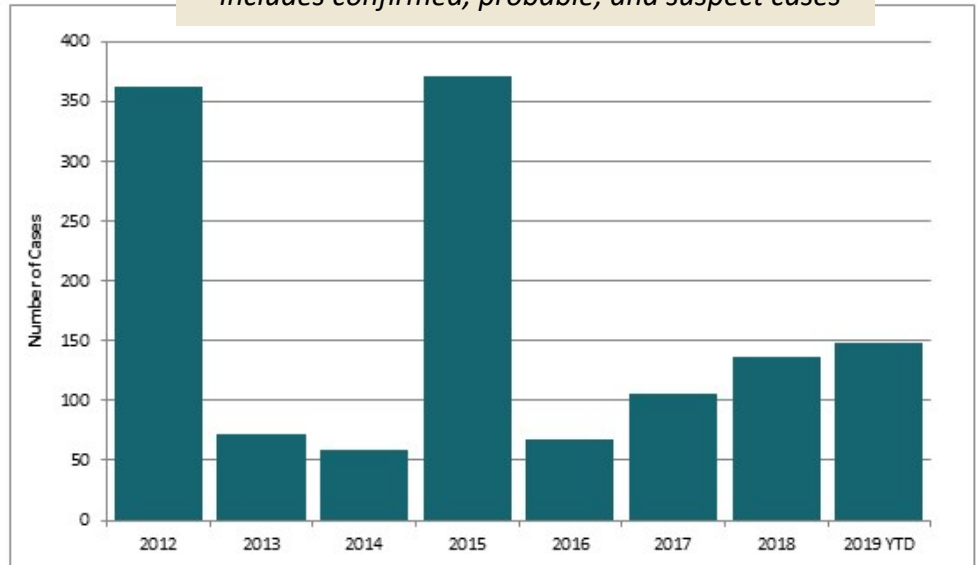
Summary

- Last month, a total of **11 pertussis cases** were reported in Clark County, 100% of which were confirmed cases.
- **149 pertussis cases** have been reported so far in 2019, a **30% increase** from YTD reports through October 2018.
- October case counts were **below expected thresholds**, indicating decreased pertussis activity.

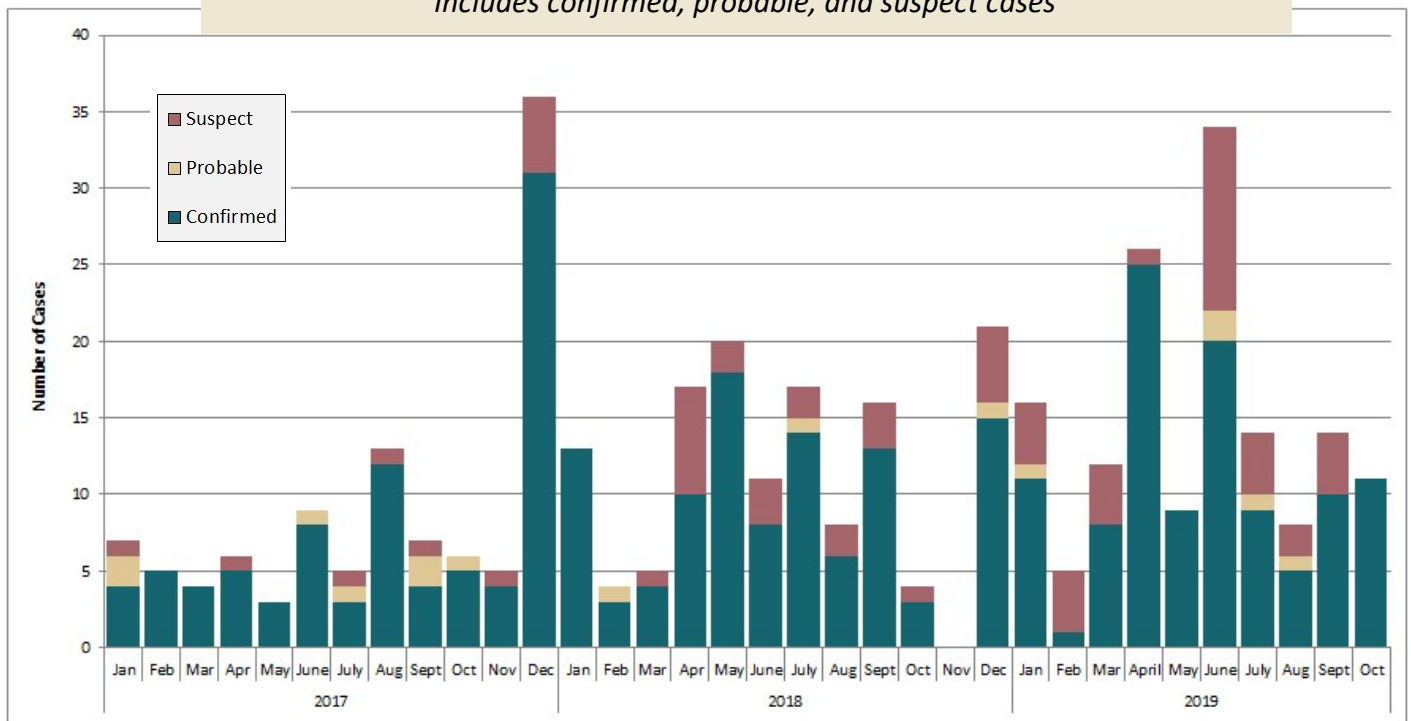
Year	Cases
2012	363
2013	72
2014	59
2015	371
2016	67
2017	106
2018	136
2019*	149

*year-to-date

Pertussis Cases, by Year
Includes confirmed, probable, and suspect cases



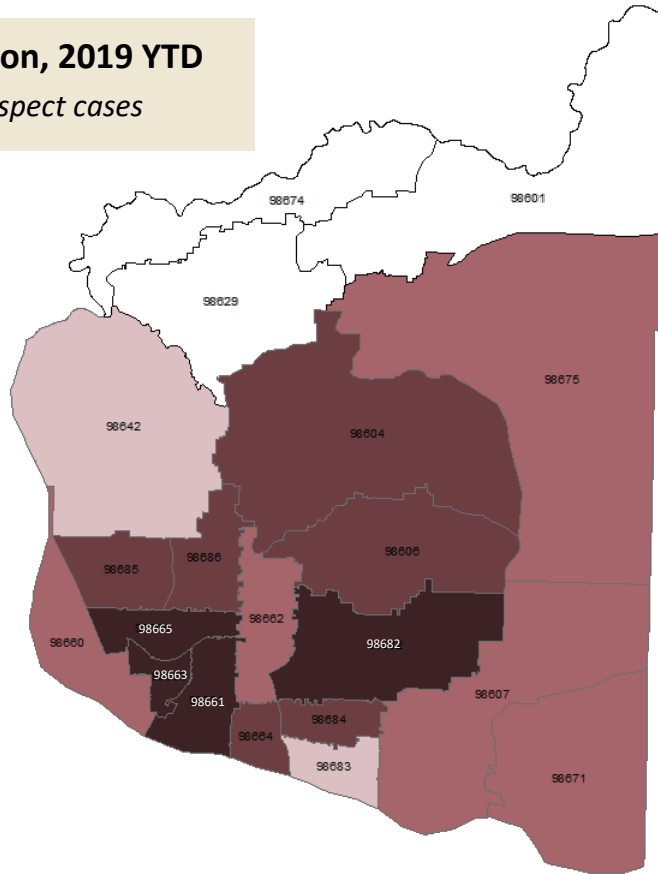
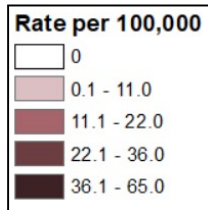
Pertussis Cases, by Onset Month and Case Classification, 2017-2019
Includes confirmed, probable, and suspect cases



Pertussis

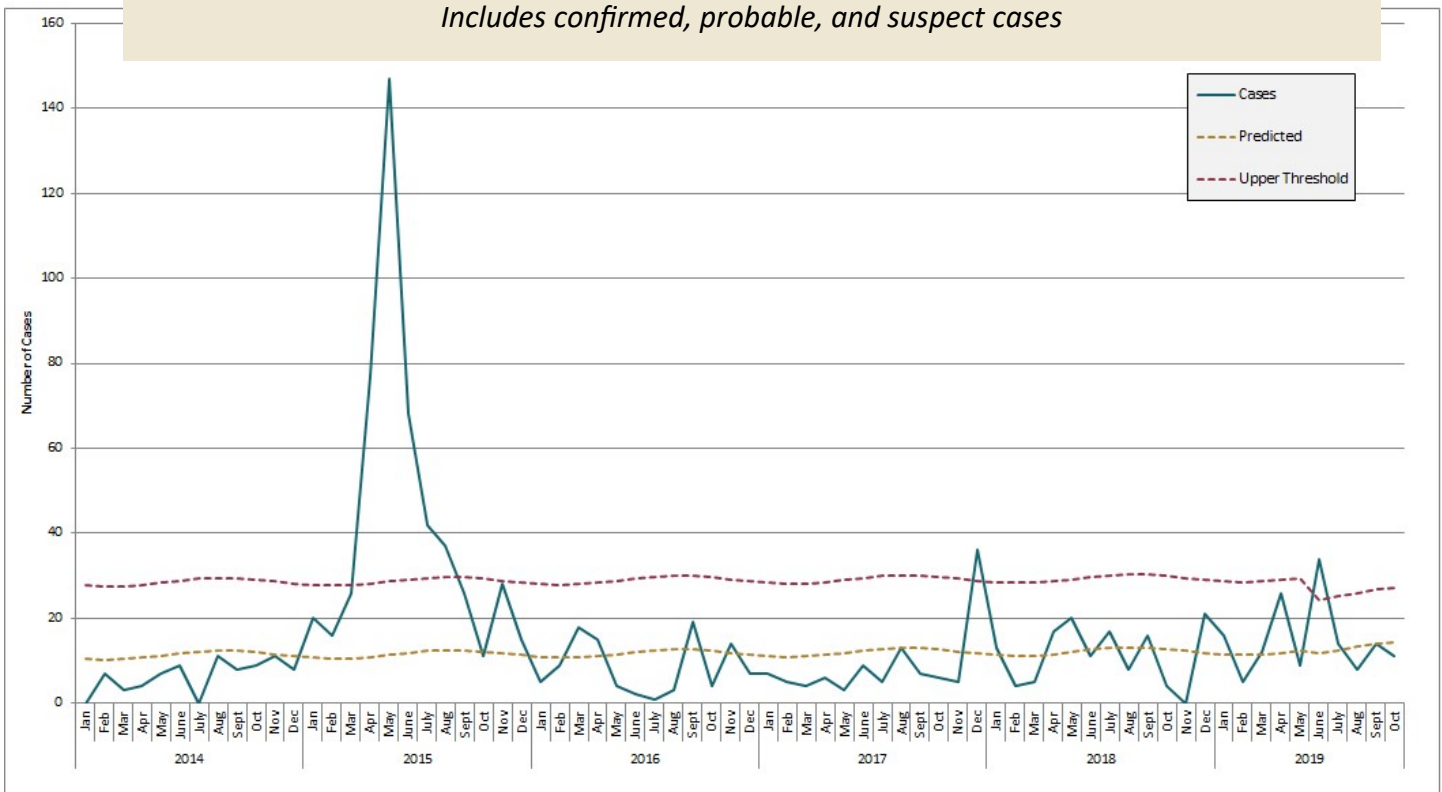
Pertussis rate per 100,000 population, 2019 YTD

Includes confirmed, probable, and suspect cases



Pertussis cases by month with predicted and upper thresholds, 2014-2019 YTD

Includes confirmed, probable, and suspect cases





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://www.doh.wa.gov/DataandStatisticalReports/DiseasesandChronicConditions/HIVAIDSData>
- 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://www.clark.wa.gov/public-health/data-sheets-and-reports>
 - ⇒ Resources for healthcare providers: <https://www.clark.wa.gov/public-health/resources-healthcare-providers>
- **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>



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