



Clark County Public Health Communicable Disease Surveillance Report

August 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

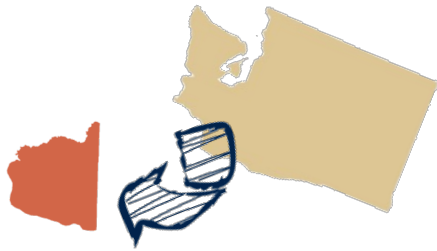
- In August 2019, **Campylobacter** was the most common non-STD notifiable condition reported, with 19 cases. Pertussis activity slowed in August, down 43% from the previous month.
- **Chlamydia** and **syphilis** YTD case counts are elevated as compared to case counts at this time last year, while **gonorrhea** case counts are down 18% from 2018.
- This month's Communicable Disease Spotlight provides info and tips for a healthy back to school season, and can be found on page 2.

Condition	July 2019	August 2019	YTD through August 2019	YTD through August 2018	% Change
Campylobacteriosis	11	19	72	66	9.09%
Chlamydia	155	102	1312	1296	1.23%
Coccidioidomycosis	0	1	4	2	100.00%
Cryptosporidiosis	1	0	11	14	-21.43%
Cyclosporiasis	0	0	0	2	-100.00%
Dengue fever	0	0	1	1	0.00%
Giardiasis	3	4	21	27	-22.22%
Gonorrhea	37	22	354	435	-18.62%
Haemophilus influenzae	0	0	1	0	100.00%
Hepatitis A	0	0	3	1	200.00%
Herpes simplex	19	17	182	191	-4.71%
Influenza-associated death	0	0	4	13	-69.23%
Legionellosis	0	0	8	9	-11.11%
Listeriosis	0	0	0	2	-100.00%
Lyme disease	0	0	1	2	-50.00%
Measles	0	0	70	1	6900.00%
Meningococcal disease	0	0	0	1	-100.00%
Malaria	0	0	2	2	0.00%
Mumps	0	0	0	3	-100.00%
Pertussis	14	8	124	95	29.47%
Poliomyelitis	0	0	0	1	-100.00%
Prion disease	0	0	1	0	100.00%
Rabies, suspect exposure	2	7	10	7	42.86%
Rickettsiosis	0	1	1	0	#DIV/0!
Salmonellosis	6	4	35	43	-18.60%
Shiga toxin-producing E. coli (STEC)	4	2	18	24	-25.00%
Shigellosis	0	0	7	7	0.00%
Syphilis	3	4	62	48	29.17%
Unexplained critical illness or death	0	0	0	1	-100.00%
Typhoid fever	0	0	1	0	100.00%
Yersiniosis	1	1	6	7	-14.29%
Vibriosis (non-cholera)	2	4	6	20	-70.00%
Zika infection	0	0	0	1	-100.00%

August 2019

Communicable Disease Spotlight

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'll share how start the school year healthy (and stay that way!)



Clark County has the **6th lowest** student vaccine completion in WA State, **8.5% lower** than the state average.

What does this mean?

Areas with low vaccination rates are **more susceptible to outbreaks**. If this happens, under-immunized students and staff risk contracting a potentially dangerous illness or being excluded from school, sometimes missing weeks of valuable class time.

In the 2018-2019 school year

Clark County K-12 schools had:

81,731	students enrolled
80.3%	of students up-to-date on vaccinations
100	reported student cases of vaccine preventable disease
13	Oubreaks of vaccine preventable disease

Tips for

A healthy school year



Stay up-to-date on important vaccines, including measles, whooping cough, chickenpox, and flu.

Encourage students to wash hands frequently, cover coughs or sneezes, and avoid sharing utensils, water bottles, or hygiene products.

Does your child have a cough, rash, or unusually high need for the bathroom? Keep them home – their classmates will thank you!



Questions about your child's vaccination status or where you can go to get up-to-date?

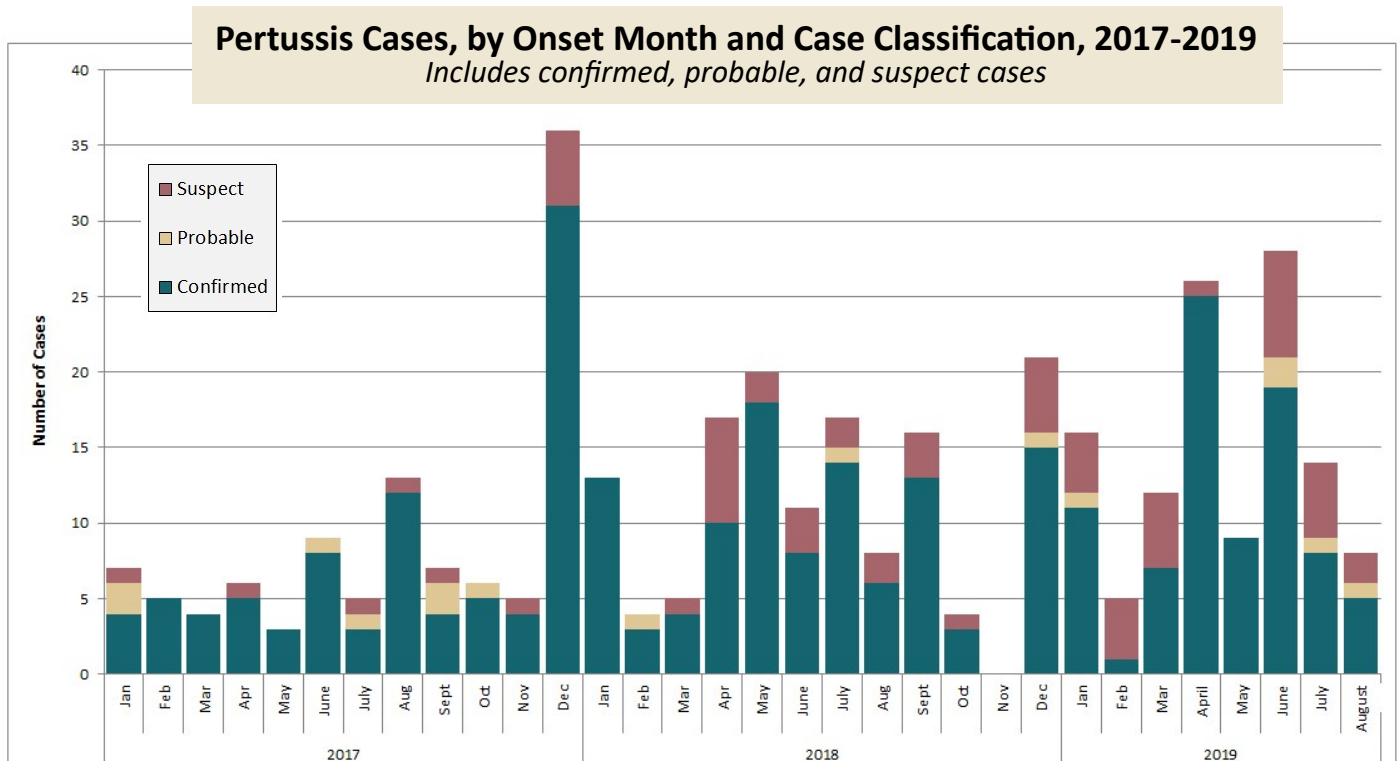
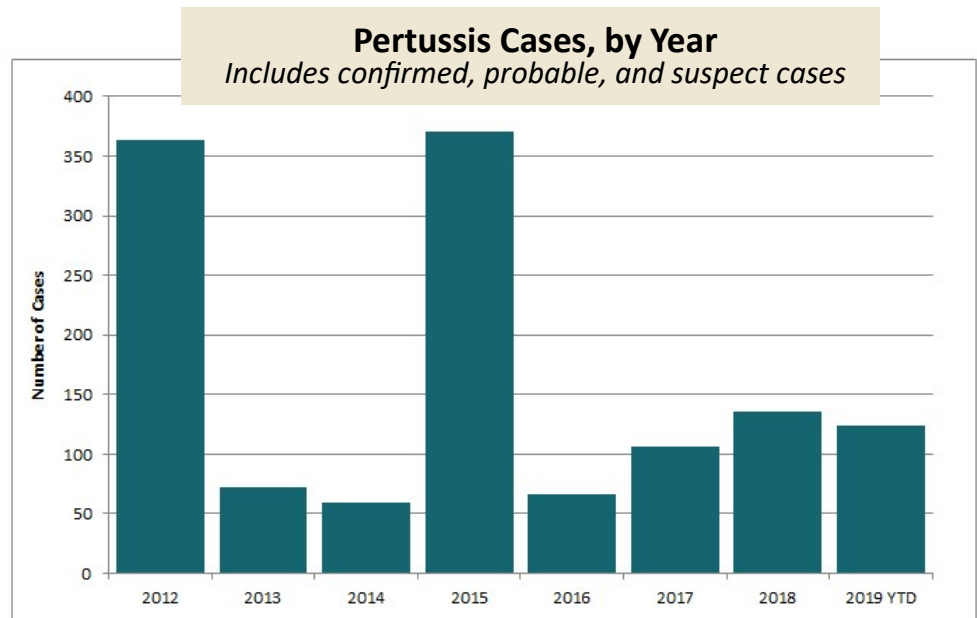
Contact your school nurse, healthcare provider, or the Clark County Public Health Immunizations Program at 564-397-8403.

Pertussis Surveillance Updates

Summary

- Last month, a total of **8 pertussis cases** were reported in Clark County, 5 of which were confirmed cases.
- **124 pertussis cases** have been reported so far in 2019, a **30% increase** from YTD reports through August 2018.
- August case counts were **consistent with expected thresholds**, indicating normal pertussis activity and a decrease from elevated activity observed in previous months.

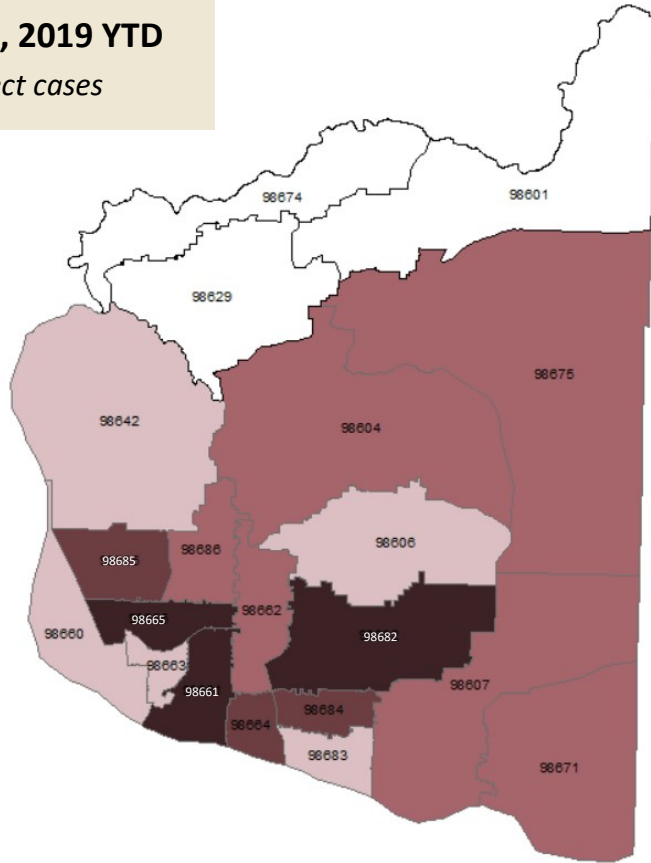
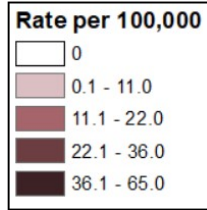
Year	Cases
2012	363
2013	72
2014	59
2015	371
2016	67
2017	106
2018	136
2019 YTD	124



Pertussis

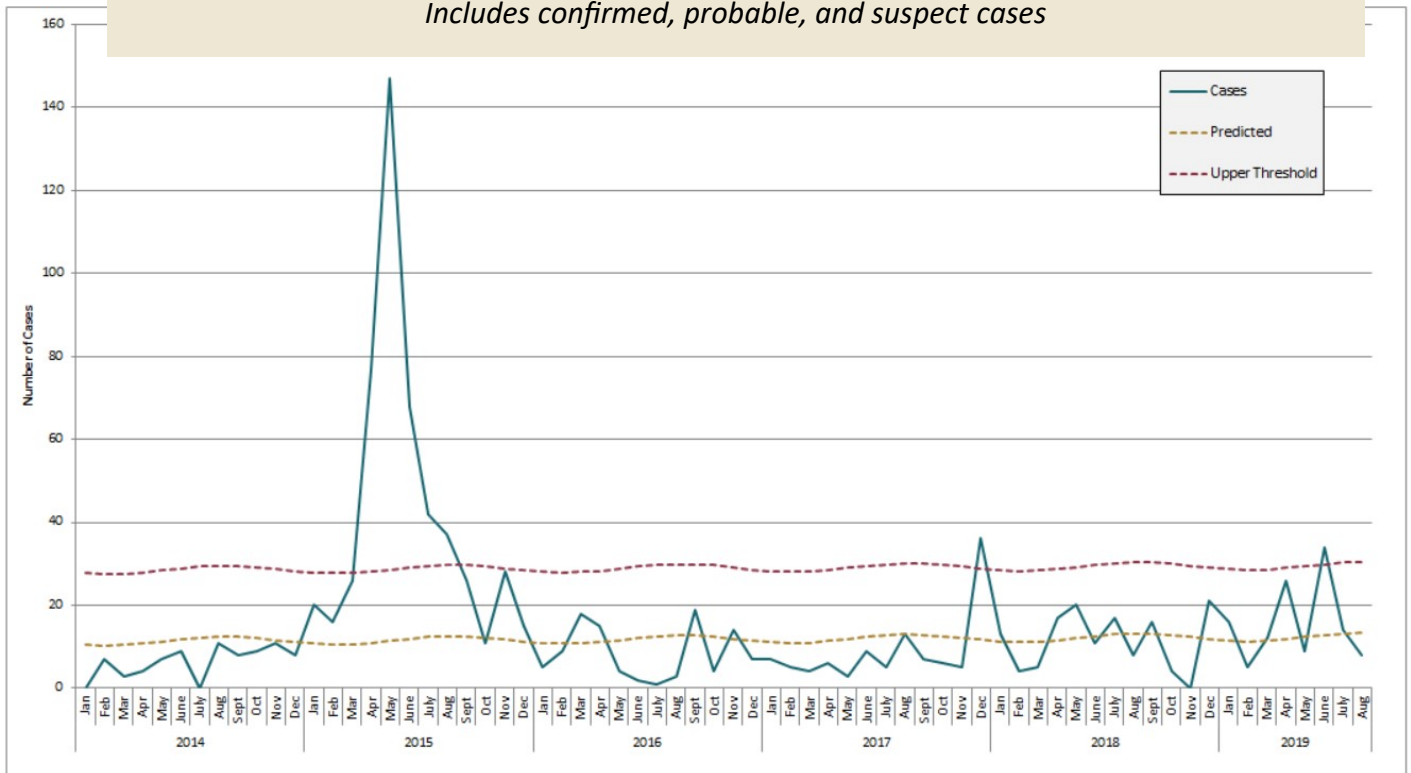
Pertussis rate per 100,000 population, 2019 YTD

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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