



Weekly Pertussis Update for Clark County

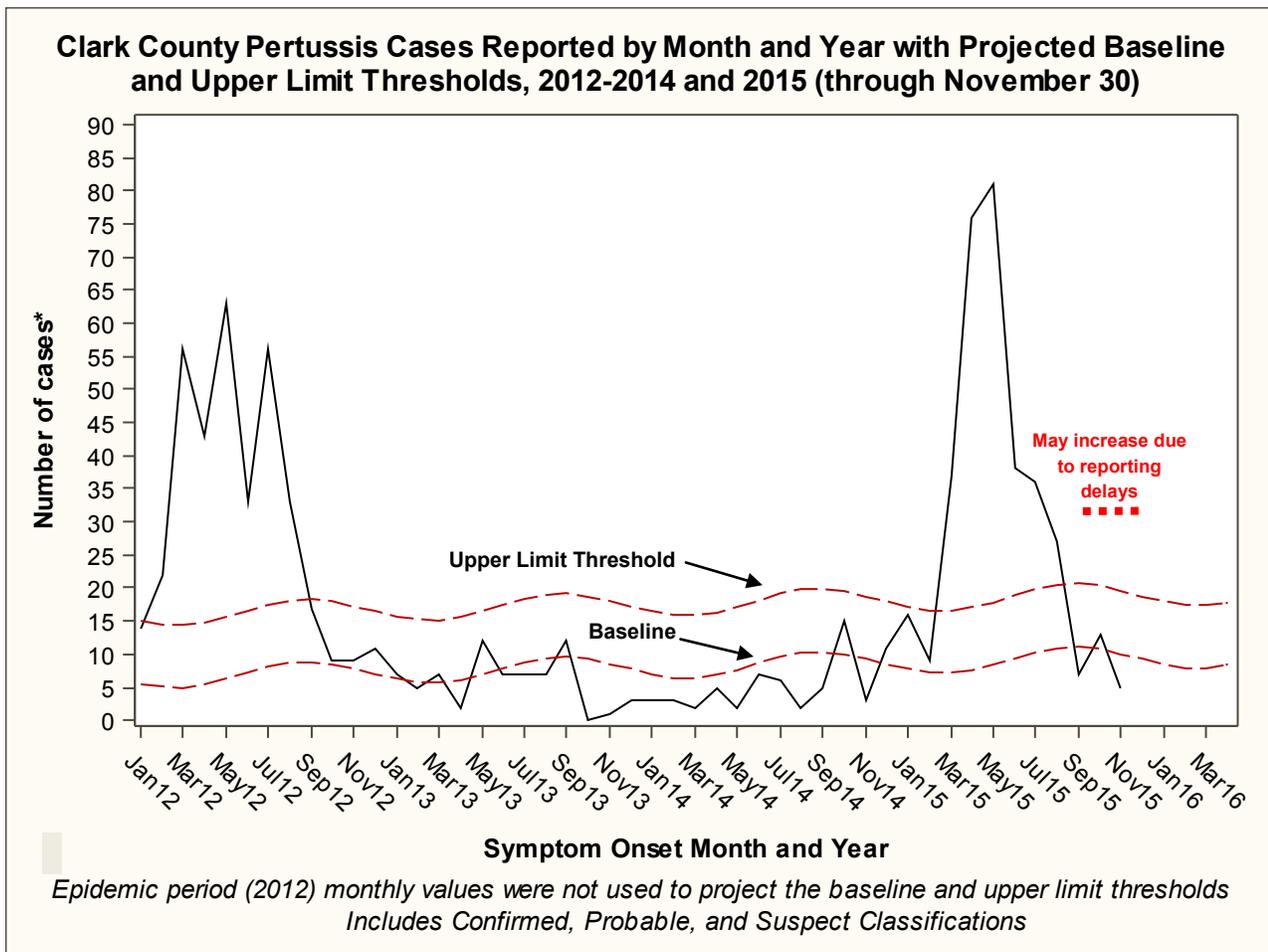
2015 year to date (YTD) cases through 11/30/2015

- Clark County experienced an outbreak of pertussis (whooping cough) in 2015. This outbreak is now considered over. Rationale for declaring the outbreak over is included on page 4.
- There have been a total of 345* cases (confirmed, probable, and suspect) reported in Clark County through November 30, 2015, compared to 52 cases during the same time last year.
- 84.7% of pertussis cases with symptom onsets in 2015 are <19 years of age.
- 4 cases have been hospitalized, of which 2 are infants. There have been no deaths reported.
- 26.9% of cases report not being up-to-date on their whooping cough vaccines or don't know if they are up-to-date.

Table 1. Number of Cases with Symptom Onsets between Jan 1 and Nov 30, 2012-2015

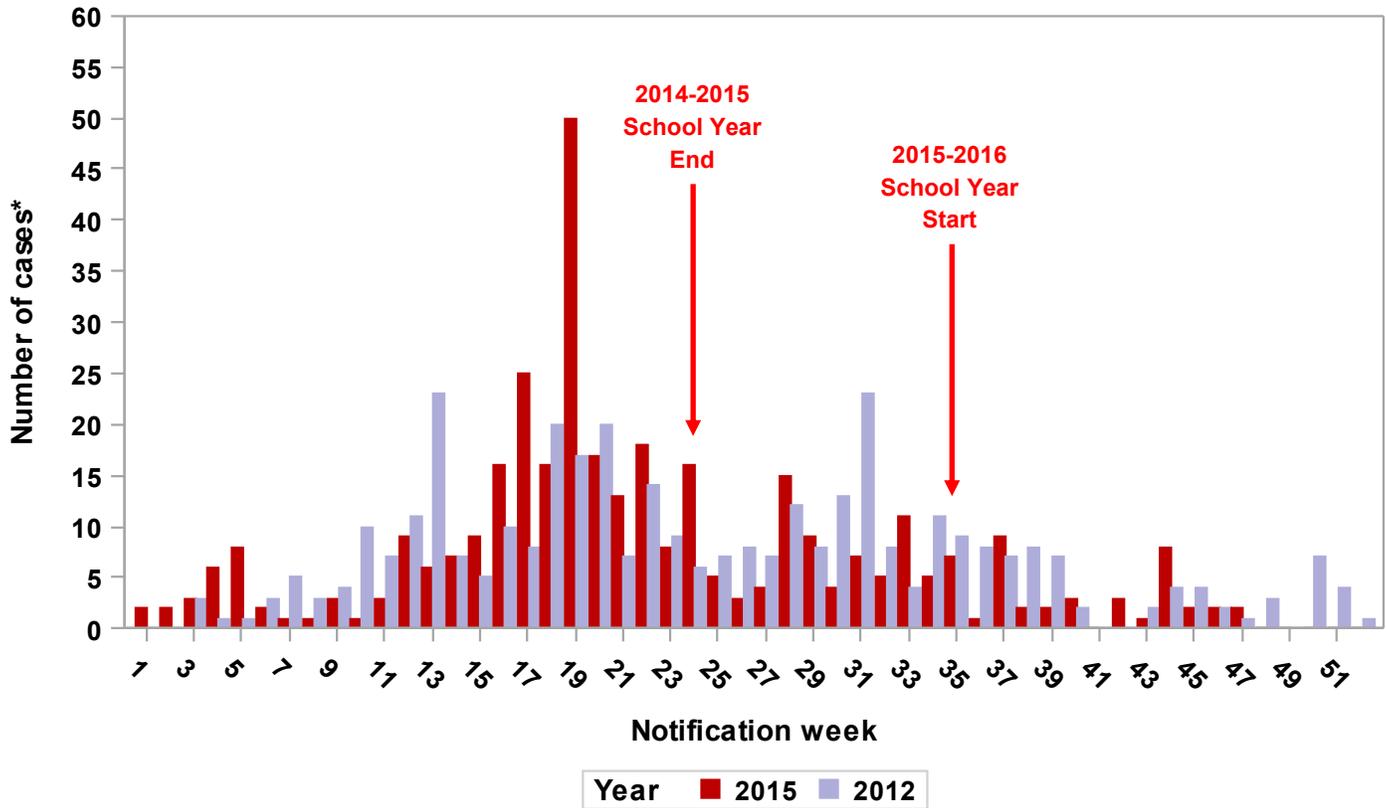
Year	Number of Cases as of Nov 30
2012 ^β	355
2013	67
2014	52
2015 ^β	345

^βEpidemic Year



*Please note that case counts may differ from State-level data. Clark County includes cases classified as suspect, as well as cases that have not yet been assigned a classification by Washington Department of Health. Case counts are preliminary and subject to change.

Number of Pertussis Cases Reported in Clark County by Notification Week, 2012 vs. 2015

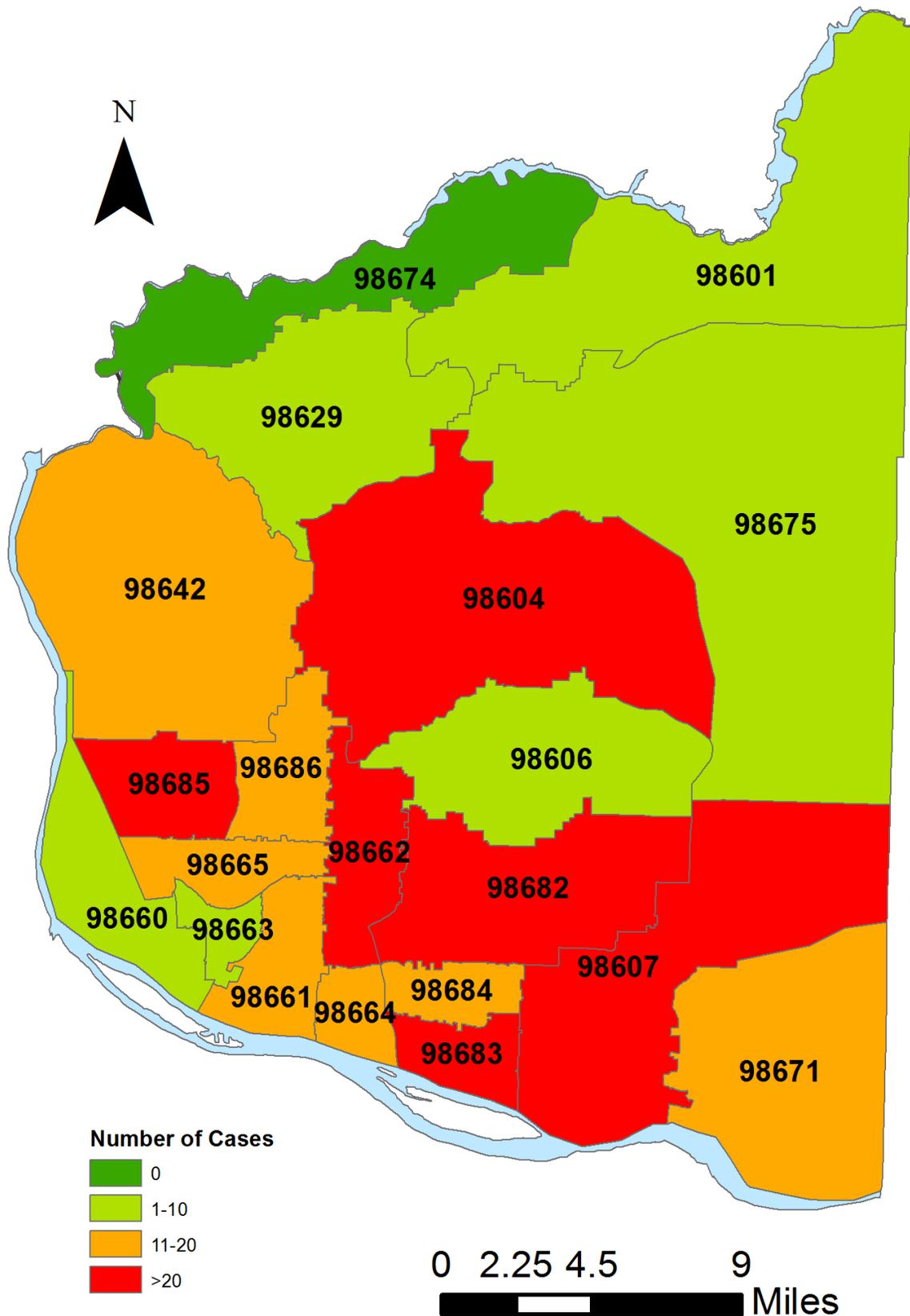


*Includes confirmed, probable, and suspect case classifications
 2015 is compared to 2012 because both years are considered epidemic years for Pertussis in Washington State

Table 2. Clark County pertussis cases by age group, 2015 YTD

Age Group (years)	2014 Population Estimate	Number of cases	Rate per 100,000 persons	% cases by age group
<1	5,287	16	302.6	4.6
1-4	22,480	36	160.1	10.4
5-9	30,662	40	130.5	11.6
10-13	25,975	56	215.6	16.2
14-18	31,096	144	463.1	41.7
19-24	33,119	8	24.2	2.3
25-44	114,699	16	13.9	4.6
45-64	119,432	22	18.4	6.4
65+	60,050	7	11.7	2.0
All ages	442,800	345	77.9	.

2015 YTD Pertussis Cases by Residence Zip Code (Symptom Onsets Jan 1—Nov 30, 2015)



Additional Resources

Washington Department of Health Weekly Pertussis Update

<http://www.doh.wa.gov/Portals/1/Documents/Pubs/348-254-PertussisUpdate.pdf>

Oregon Health Authority Pertussis Webpage

<https://public.health.oregon.gov/DiseasesConditions/DiseasesAZ/Pages/disease.aspx?did=48>

Center for Disease Control and Prevention (CDC) Pertussis Webpage

<http://www.cdc.gov/pertussis/>

Infectious Disease Control Guide for School Staff

<http://www.k12.wa.us/healthservices/pubdocs/InfectiousDiseaseControlGuide.pdf>

CDC Pertussis Vaccine and Immunization Information

<http://www.cdc.gov/vaccines/vpd-vac/pertussis/>

Rationale for Declaring the Outbreak Over

1. In Clark County, the number of cases each month (by onset date) have remained below the upper limit threshold for 2 consecutive months.
2. In Clark County, the number of cases reported each week have fallen to pre-outbreak levels.
3. Regional surveillance data indicates that Washington and Oregon States have returned to baseline pertussis levels after peaking in May and June, respectively.

It is important to note that sporadic cases will continue, and smaller outbreaks may occur, particularly in congregate settings.

Technical Notes

2015 Cases of pertussis were included in this report if they met the following criteria:

1. Resident of Clark County
2. Symptom onset date during annual year (January 1, 2015—YTD)
3. Meets confirmed, probable, or suspect case definition as defined by the [Washington Department of Health Public Health Investigation Guidelines](#).

This report is intended to inform Clark County community members of the impact of pertussis, including sub-populations and geographic areas affected, as well as the timing of increasing numbers of cases.

To meet the needs of the intended audience, for most figures pertussis cases are classified into annual years and months, rather than epidemiological years and weeks.