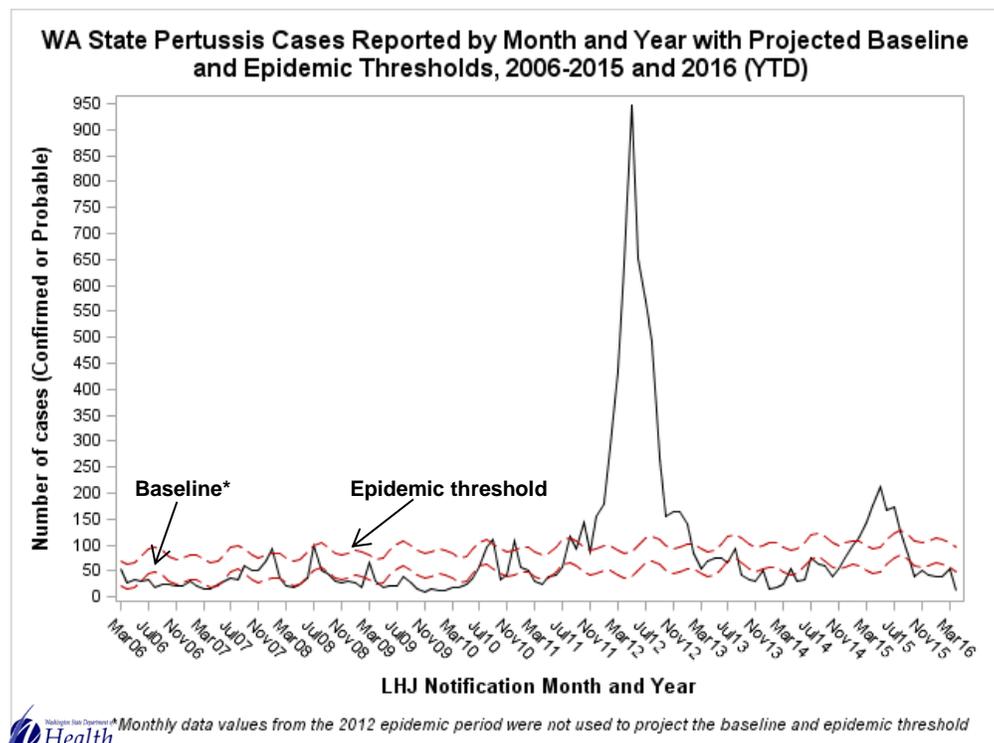
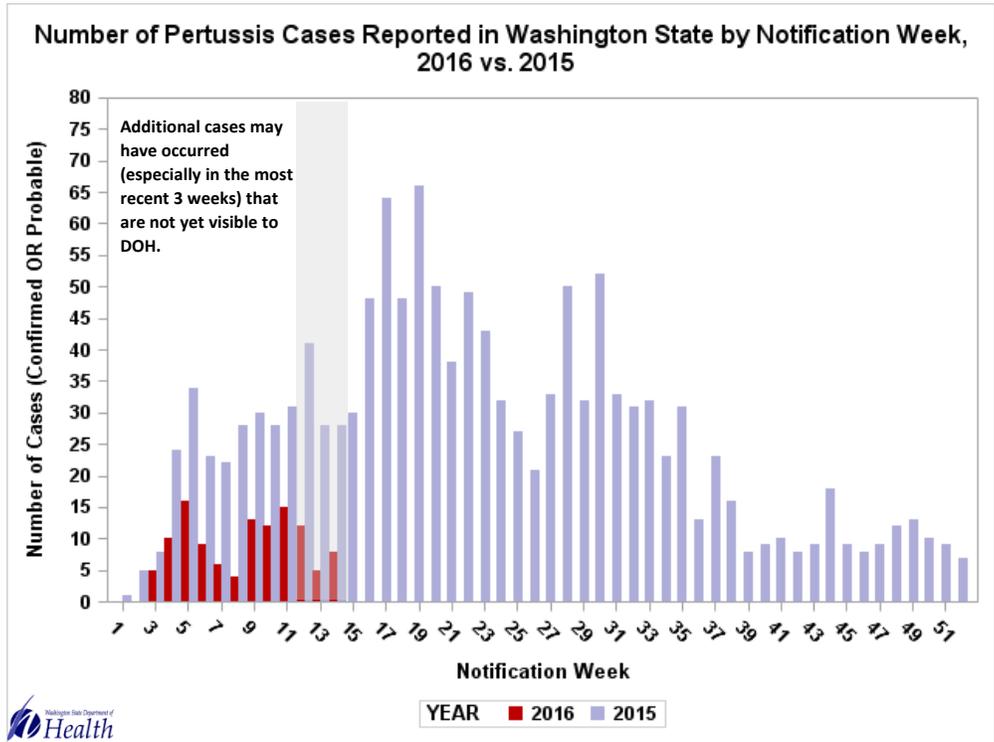


Weekly pertussis update for Washington State

2016 year to date (YTD) confirmed and probable cases reported through 4/9/2016 (week 14)

This update summarizes reports of pertussis in persons with 2016 onsets received by local health jurisdictions (LHJs) during weeks 1-14, made visible to Washington State Department of Health (DOH) - Communicable Disease Epidemiology, and containing sufficient information for a DOH case classification to have been assigned.

- There have been a total of 115 cases reported statewide through week 14, compared to 331 reported cases in 2015 during the same time period. Dates for the 2016/2015 comparison were based on LHJ notification date.



- Twenty-three counties have reported no pertussis activity so far in 2016.
- Among the sixteen counties with pertussis activity, the number of pertussis cases reported in a given county ranged from 1 to 18, and the year to date rate of disease in a given county ranged from 0.4 to 9.6 per 100,000 persons (see Table 1).
 - The median and mean county rates in counties reporting pertussis activity are 2.8 and 3.0, respectively.
- The overall incidence year to date is 1.7 pertussis cases per 100,000 Washington residents with a rate in infants under one year of age of 9.3 per 100,000 (see Table 2). Eight infants under one year of age were reported as having whooping cough and one was hospitalized.

Table 1. WA State pertussis cases by county, 2016 YTD

County	2014 OFM Population	Number of cases	Rate per 100,000 persons
Asotin	21,950	1	4.6
Clark	442,800	18	4.1
Cowlitz	103,700	1	1.0
Grant	92,900	3	3.2
Grays Harbor	73,300	7	9.6
Island	80,000	3	3.8
King	2,017,250	16	0.8
Kitsap	255,900	1	0.4
Kittitas	42,100	1	2.4
Pierce	821,300	7	0.9
Skagit	119,500	1	0.8
Snohomish	741,000	12	1.6
Spokane	484,500	16	3.3
Thurston	264,000	11	4.2
Whatcom	207,600	15	7.2
Yakima	248,800	2	0.8

Note. Counties with no reported cases classified as confirmed or probable, 2016: Adams, Benton, Chelan, Clallam, Columbia, Douglas, Ferry, Franklin, Garfield, Jefferson, Klickitat, Lewis, Lincoln, Mason, Okanogan, Pacific, Pend Oreille, San Juan, Skamania, Stevens, Wahkiakum, Walla Walla, and Whitman.

Table 2. WA State pertussis cases by age group, 2016 YTD

Age Group (years)	2014 OFM Population	Number of Cases	Rate per 100,000 persons	% cases by age group
<1	86,522	8	9.3	7.0
1-4	350,325	23	6.6	20.0
5-9	447,727	19	4.2	16.5
10-13	348,633	19	5.5	16.5
14-18	444,047	22	5.0	19.1
19-24	569,923	4	0.7	3.5
25-44	1,875,965	13	0.7	11.3
45-64	1,862,193	7	0.4	6.1
65+	982,835	0	0.0	.
All ages	6,968,170	115	1.7	.

