

Weekly Pertussis Update for Washington State

Washington State Department of Health

2025 year-to-date (YTD) confirmed and probable cases reported through 04/12/2025 (week 15).

This update summarizes all reports of pertussis in persons with illness onset dates during CDC weeks 1 - 15. The included reports were received by local health jurisdictions (LHJs) and reported to Washington State Department of Health (DOH) – Communicable Disease Epidemiology. Lab result reporting and case investigations take time, so it sometimes takes 3 to 4 weeks after a positive test for a case to be classified as confirmed or probable pertussis. The data presented in this report is therefore subject to change over time.

There have been a total of 888 cases reported statewide so far in 2025, compared to 159 cases reported by week 15 in 2024. Dates for the 2024/2025 comparison are based primarily on symptom onset dates. For information about pertussis case counts in prior years, please refer to DOH’s [Communicable Disease Annual Reports](#) or the [Annual Pertussis Reports](#).

Figure 1: Number of Pertussis Cases Reported in Washington State by CDC Week of Symptom Onset: 2024 (blue) vs 2025 (red)

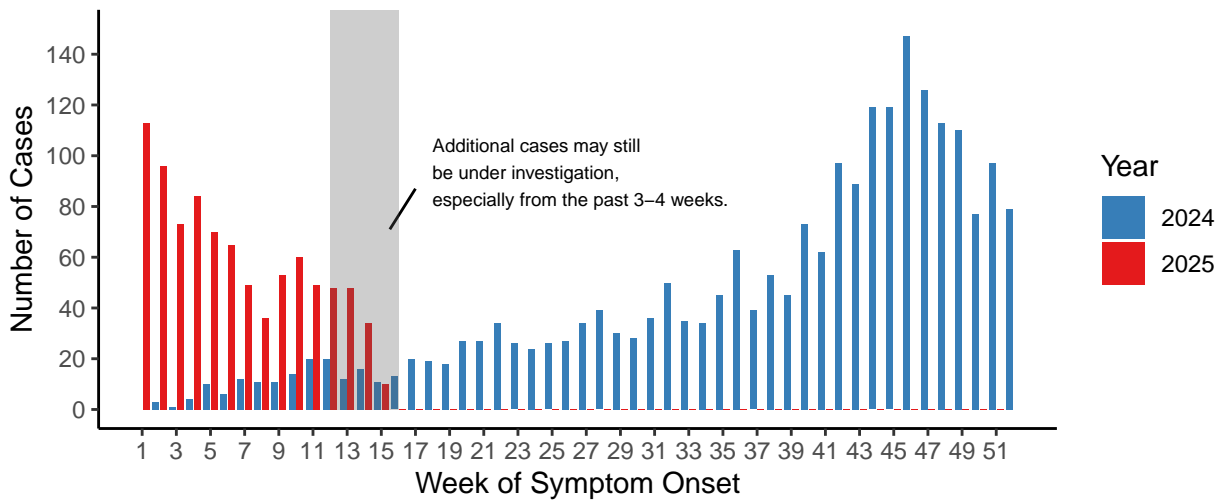


Figure 2: WA State Pertussis Cases Reported by Month and Year (black) with Projected Baseline and Epidemic Thresholds (red dashed lines), 2015 through year-to-date 2025¹. The most recent 2 months may still be incomplete (dotted line).

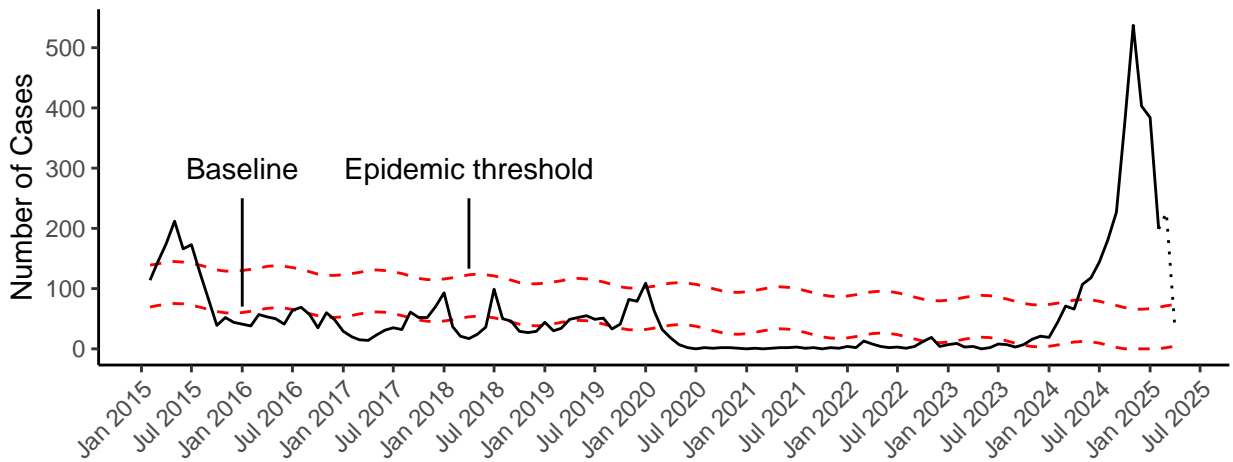


Table 1: WA State Pertussis Cases by Age Group, 2025 weeks 1 - 15

Age Group	OFM 2023 Population	Number of Cases	Rate per 100,000 persons	% of cases by age group*
< 1	84,955	61	71.8	7
1 - 4	346,178	201	58.1	23
5 - 9	466,999	120	25.7	14
10 - 13	399,709	108	27.0	12
14 - 18	491,695	224	45.6	25
19 - 24	609,102	62	10.2	7
25 - 44	2,265,912	60	2.6	7
45 - 64	1,895,269	32	1.7	4
65+	1,391,354	20	1.4	2
All ages	7,951,173	888	11.2	100

**Due to rounding, percentages may not always add up to 100%*

The overall year-to-date incidence rate is 11.2 pertussis cases per 100,000 Washington residents from weeks 1 through 15, with an incidence rate among infants under one year of age of 71.8 cases per 100,000 (see Table 1). Infants under one year of age are among the most vulnerable to severe pertussis disease.

Of the 61 infants who had pertussis so far in 2025: 56 were old enough to have received a dose of pertussis-containing vaccine, and 15 (25%) had received at least one dose.

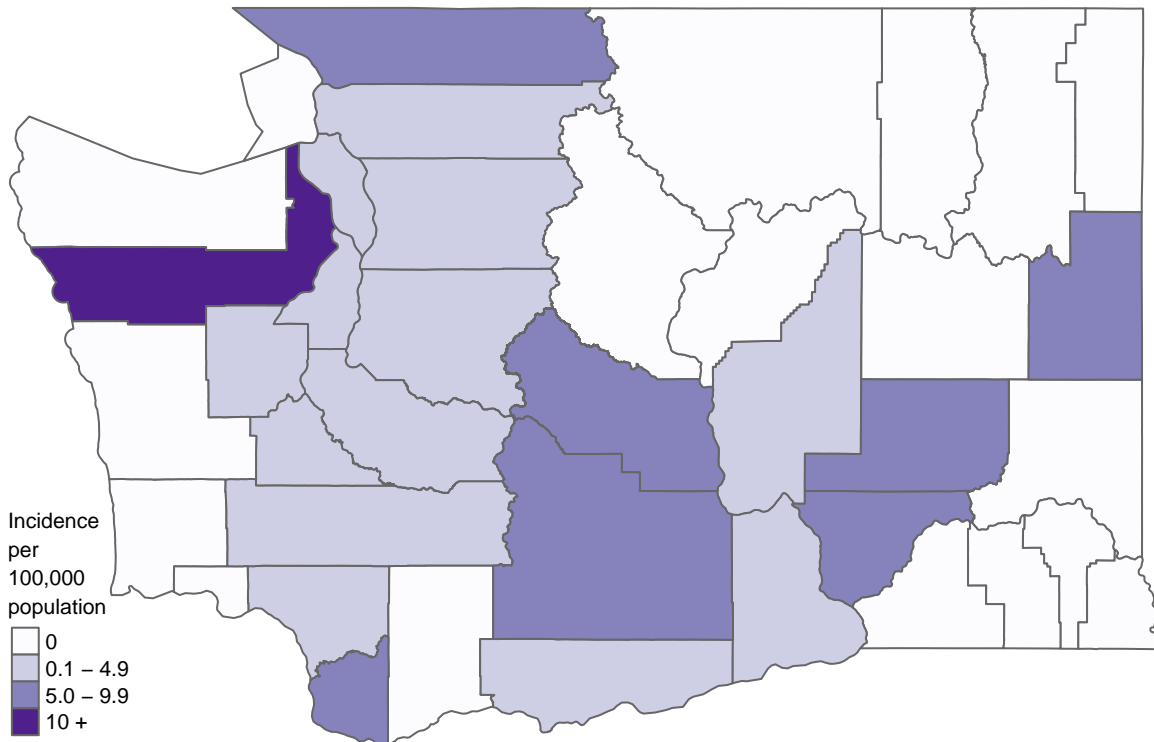
Table 2: WA State Pertussis Cases by County, 2025 weeks 1 - 15

County	Number of Cases	OFM 2023 Population	Rate per 100,000 persons
Spokane	179	554,598	32.3
Clark	132	527,401	25.0
King	123	2,347,795	5.2
Snohomish	117	859,802	13.6
Pierce	55	946,299	5.8
Whatcom	48	235,804	20.4
Yakima	45	261,199	17.2
Kitsap	35	283,206	12.4
Thurston	25	303,399	8.2
Cowlitz	20	113,003	17.7
Grant	13	103,298	12.6
Jefferson	12	33,425	35.9
Kittitas	12	47,300	25.4
Island	11	88,148	12.5
Lewis	9	84,076	10.7
Adams	8	21,201	37.7
Franklin	8	101,097	7.9
Skagit	8	132,000	6.1
Klickitat	6	23,257	25.8
Stevens	4	47,350	8.4
Benton	3	215,502	1.4
Chelan	3	81,502	3.7
Whitman	3	48,097	6.2
Mason	2	67,002	3.0
Skamania	2	12,002	16.7
Walla Walla	2	63,097	3.2
Asotin	1	22,655	4.4
Douglas	1	44,499	2.2
Pend Oreille	1	13,728	7.3

Among the 29 counties with reported pertussis activity so far in 2025, the number of pertussis cases in a given county ranges from 1 to 179 and county-level YTD incidence rates range from 1.4 to 37.7 per 100,000 persons (see Table 2).

- The median and mean county-level year-to-date incidence rates in counties reporting pertussis activity are 10.7 and 13.4 per 100,000 persons, respectively.
- 10 counties have reported no pertussis cases as of CDC week 15 of this year.

Figure 3: Six-Week Pertussis Incidence Rates by County, 2025 weeks 10 - 15



The incubation period for pertussis is up to 21 days, so six weeks represents two 21-day incubation periods. The map above uses the past six weeks of data to highlight areas where the potential for continuing outbreaks of pertussis exists based on current patterns of reported pertussis disease.

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1. Pelat C, Boëlle PY, Cowling BJ, Carrat F, Flahault A, Ansart S, Valleron AJ. Online detection and quantification of epidemics. *BMC Med Inform Decis Mak.* 2007 Oct 15 ; 729 – software available at <https://periodic.sentiweb.fr/>
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