

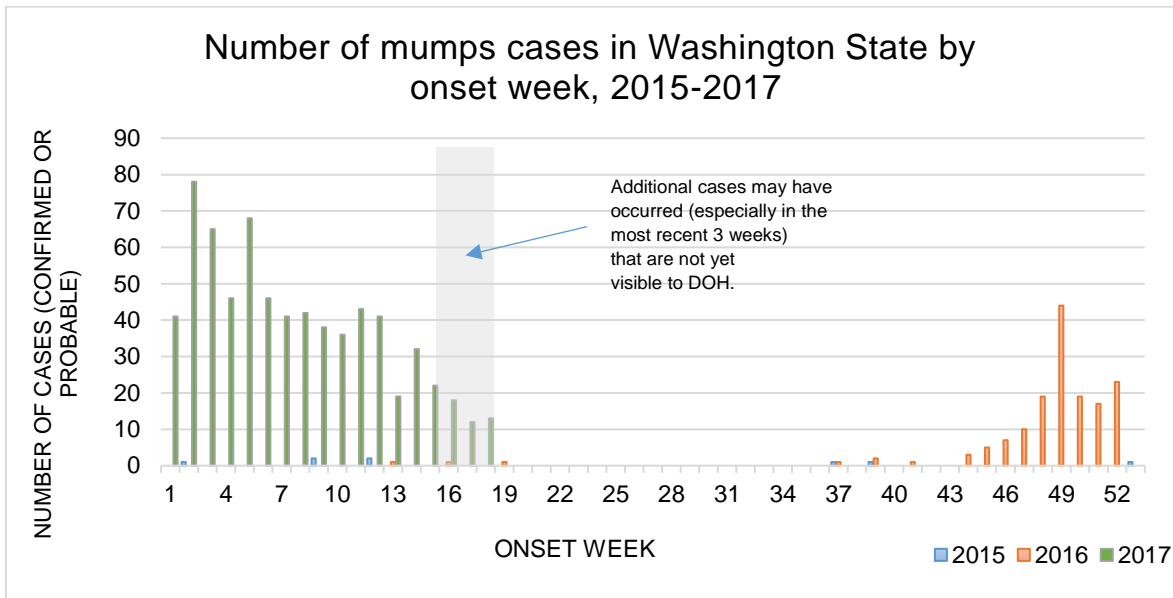
## Monthly Mumps Outbreak Summary for Washington State

All data presented in this summary are provisional and may change as additional reports and information is received.

### Comparison of all mumps cases reported 2015 through 2017, year to date

Reports are compared by notification week. Where data entry delay impacts the comparison, week of symptom onset is used as a proxy.

- Eighteen counties in WA had reported mumps cases with onset dates during the first 18 weeks of 2017: Benton, Ferry, Franklin, Grant, Island, King, Kitsap, Okanogan, Pend Oreille, Pierce, Skagit, Snohomish, Spokane, Stevens, Thurston, Whatcom, Whitman, and Yakima. Only sporadic (non-outbreak) cases occurred in Franklin, Island, and Whitman counties.
- A total of 701 confirmed and probable cases were reported statewide during weeks 1 – 18 of 2017.
- Thirteen mumps cases were reported with onsets during the eighteenth week of 2017 (which ended 5/6).
- Nine WA counties had reported mumps cases in 2016.
- A total of 155 confirmed and probable mumps cases were reported statewide in 2016.



Washington State Reported Mumps Cases by Year			
Year	No. of Cases	OFM Population*	Rate per 100,000 persons
2005	3	6,298,816	0.0
2006	42	6,420,258	0.7
2007	53	6,525,086	0.8
2008	14	6,608,245	0.2
2009	6	6,672,159	0.1
2010	7	6,724,540	0.1
2011	2	6,767,900	0.0
2012	2	6,817,770	0.0
2013	2	6,882,400	0.0
2014	9	6,968,170	0.1
2015	7	7,061,410	0.1
2016	155	7,183,700	2.2
2017 (YTD)	701	7,183,700	9.8

\*2017 Population figures have not been released. 2016 is used as proxy.

**Description of the current mumps outbreak (October 2016 – May 2017)**

The first report of a case associated with the current mumps outbreak was received by a local health jurisdiction on November 15, 2016. Subsequent case investigations identified outbreak-related cases with earlier onsets. The earliest onset for any outbreak-related mumps case was on October 30, and the most recent onset for cases reported through week 18 occurred on May 6, 2017.

The following tables contain information about outbreak-related mumps cases reported to the Washington State Department of Health since November 15, 2016. (Non-outbreak cases have also occurred.)

- Cases are considered part of the outbreak if a link was identified between the person with mumps and another outbreak case or if the person with mumps was present at a site (e.g., school, workplace, church) where an outbreak case was known to have spent time while contagious for mumps.
- The table summaries include confirmed and probable mumps cases

**Table 1: Mumps outbreak cases (confirmed and probable) by county, October 2016 - May 2017**

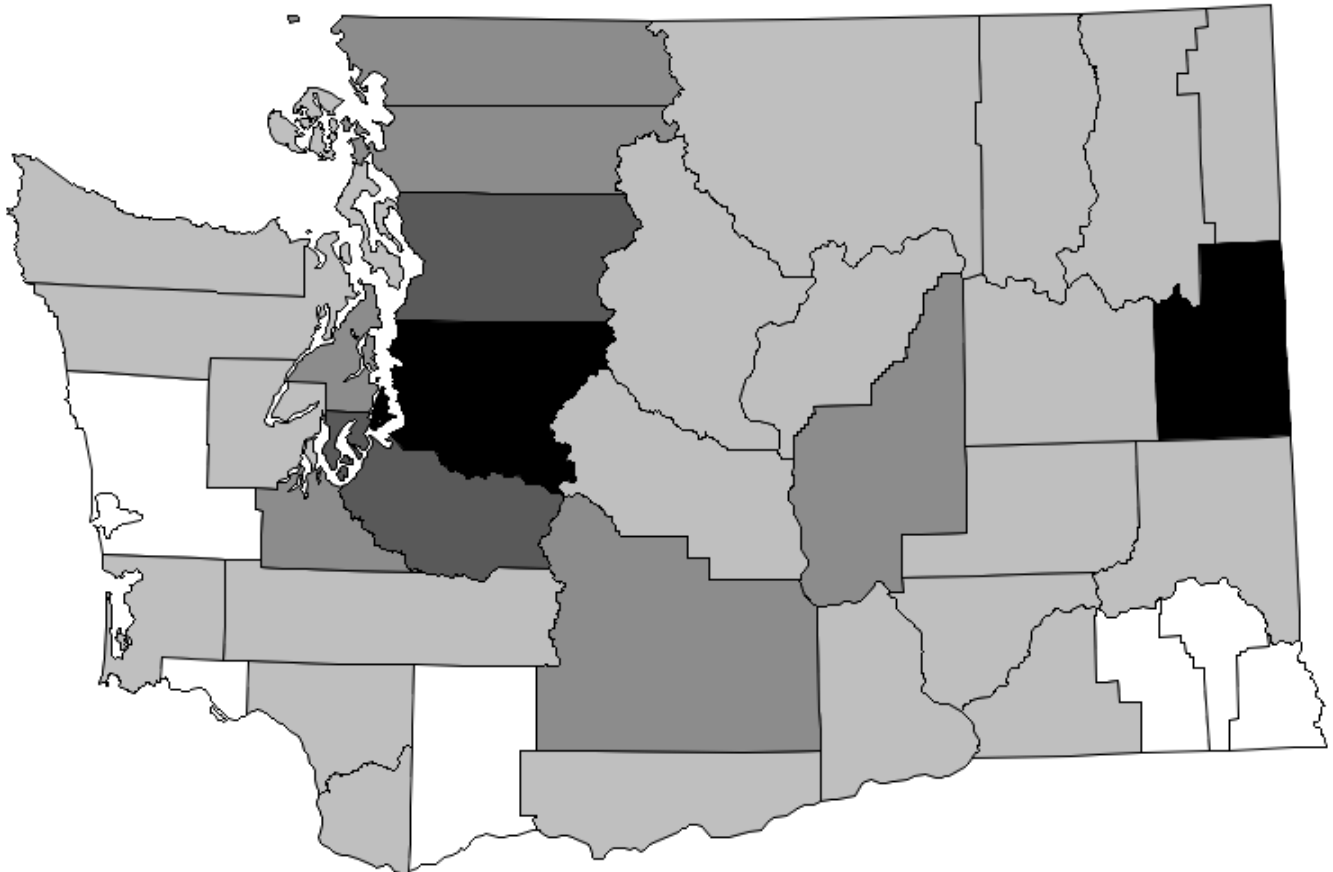
County	2016 OFM population	No. of cases	Rate per 100,000 persons
Benton	190500	4	2.1
Ferry	7700	3	39.0
Grant	94610	44	46.5
King	2105100	296	14.1
Kitsap	262590	2	0.8
Okanogan	41730	2	4.8
Pend Oreille	13290	3	22.6
Pierce	844490	59	7.0
Skagit	122270	17	13.9
Snohomish	772860	65	8.4
Spokane	492530	327	66.4
Stevens	44100	1	2.3
Thurston	272690	6	2.2
Whatcom	212540	1	0.5
Yakima	250900	4	1.6
<b>Total</b>		834	

**Table 2: Confirmed and Probable Mumps Cases by Age Distribution, Onset October 2016 to May, 2017**

Age range	2016 OFM Population	No. of cases	Rate per 100,000 persons	% of cases by age group
0-4	447,766	31	6.9	3.7
5-9	460,218	101	21.9	12.1
10-13	357,113	151	42.3	18.1
14-18	451,362	217	48.1	26.0
19-24	576,172	120	20.8	14.4
25-44	1,919,495	171	8.9	20.5
45-64	1,898,237	42	2.2	5.0
65+	1,073,338	0	0.0	0.0
Unknown		1		0.1
	7,183,701	834	11.6	

- This map is the number of mumps investigations initiated by each county in the current outbreak. Not all investigations result in a confirmed or probable mumps case, but each investigation involves the time and effort of local public health investigators.

### Number of Mumps Investigations by County, October 2016–May 2017



Number of Investigations    0.0    1–19    20–99  
100–499    ≥ 500