

**REGION 2 NOTIFIABLE CONDITIONS SURVEILLANCE REPORT
DECEMBER 2018**

In Washington State, there are more than 80 conditions which health care providers must, by law, report to local public health.* Table 1 presents the case counts of conditions for which Clallam, Jefferson, or Kitsap County had at least one case reported in the current year to date (YTD). For comparison, the case count each county had by this month (YTD) last year is shown. A 5-year annual average number of cases provides a baseline of expected cases for an entire year; the 5-year average helps "smooth out" any artificially high counts due to outbreak years. Notifiable conditions not listed in Table 1 are those for which no cases were reported for any of the counties during the current year. Table 2 includes rates for a sub-set of high volume conditions (i.e., those with average annual rates >30 cases per 100,000 for at least one of the three counties). The YTD rates (number of cases reported YTD divided by the annual population estimate[^]) are shown for both the current year and last year. A 5-year average annual rate (average of rates for the previous 5 years) provides the expected rate for a complete year.

TABLE 1. NUMBER OF REPORTED CASES BY CONDITION AND COUNTY

	<u>Clallam County</u>			<u>Jefferson County</u>			<u>Kitsap County</u>		
	Current YTD # of cases (2018)	Last year YTD # of cases (2017)	5-year annual (whole year) average # (2013-17)	Current YTD # of cases (2018)	Last year YTD # of cases (2017)	5-year annual (whole year) average # (2013-17)	Current YTD # of cases (2018)	Last year YTD # of cases (2017)	5-year annual (whole year) average # (2013-17)
Campylobacteriosis	12	3	3.0	12	11	15.6	84	90	55.2
Chlamydia	189	199	187.0	46	52	64.6	1180	1103	970.6
Coccidioidomycosis	0	0	0.6	0	0	0.2	3	2	0.6
Cryptococcus gatii	2	0	0.0	0	0	0.0	0	0	0.2
Cryptosporidiosis	3	1	2.0	3	2	2.2	2	1	1.6
Cyclosporiasis	0	0	0.0	1	0	0.0	0	0	0.0
Giardiasis	8	6	6.0	8	8	6.2	23	21	22.6
Gonorrhea	21	6	11.0	8	11	11.0	304	275	188.6
Hepatitis A	1	0	0.2	2	0	0.0	2	2	1.0
Hepatitis B, acute	0	0	0.2	0	0	0.0	2	0	0.4
Hepatitis B, chronic	14	9	3.2	2	1	1.8	49	19	34.2
Hepatitis C, acute	0	0	2.0	2	1	1.6	1	2	0.8
Hepatitis C, chronic	104	95	95.6	29	31	36.6	194	299	370.6
Herpes, neonatal and genital	21	20	19.0	2	4	4.0	81	108	83.8
Highly antibiotic resistant organism	0	2	0.4	0	0	0.2	1	1	0.8
HIV/AIDS #	2	0	n/a	2	2	n/a	10	9	n/a
Influenza-associated death	5	0	1.4	0	1	0.6	15	14	4.6
Lead (child blood)	0	0	1.2	1	0	0.4	4	6	7.8
Legionellosis	0	0	0.0	0	0	0.4	1	1	2.4
Lyme disease	0	0	0.4	0	0	1.0	3	5	2.4
Malaria	1	0	0.0	0	0	0.0	0	1	1.4
Mumps	0	0	0.0	0	0	0.0	1	3	1.0
Pertussis	0	0	10.4	1	2	11.4	8	14	43.6
Prion disease	0	0	0.2	0	0	0.0	2	0	0.6
Rabies exposure	1	2	2.4	0	1	3.0	15	23	18.0
Salmonellosis	9	4	5.0	2	2	2.8	21	20	23.0
Shiga toxin-producing E. coli (STEC)	1	4	1.6	6	3	1.0	13	6	4.8
Shigellosis	2	2	0.6	2	1	0.2	8	4	3.6
Syphilis	6	11	4.2	3	1	1.0	37	33	20.8
Tuberculosis	0	1	0.6	0	0	0.0	1	6	3.6
Vibriosis	1	1	0.2	5	3	1.8	8	4	4.4
Yersiniosis	0	0	0.0	0	3	0.6	5	3	2.0

TABLE 2. RATE OF REPORTED CASES BY CONDITION AND COUNTY (SELECTED HIGH-VOLUME CONDITIONS ONLY)

	<i>All rates are calculated per 100,000 population[^]</i>								
	<u>Clallam County</u>			<u>Jefferson County</u>			<u>Kitsap County</u>		
	Current YTD rate (2018) [^]	Last year YTD rate (2017)	5-year annual (whole year) average rate (2013-17)	Current YTD rate (2018) [^]	Last year YTD rate (2017)	5-year annual (whole year) average rate (2013-17)	Current YTD rate (2018) [^]	Last year YTD rate (2017)	5-year annual (whole year) average rate (2013-17)
Campylobacteriosis	16.0	4.0	4.1	38.0	35.1	50.7	31.4	34.1	21.2
Chlamydia	251.6	268.0	256.0	145.6	165.8	209.8	441.7	417.3	374.5
Gonorrhea	28.0	8.1	15.1	25.3	35.1	35.6	113.8	104.0	72.6
Hepatitis C, chronic	138.4	128.0	130.5	91.8	98.9	117.6	72.6	113.1	142.9
Pertussis	0.0	0.0	14.3	3.2	6.4	36.8	3.0	5.3	16.9

Note: Data are preliminary and will change. Additional cases can be reported at any time.

* A complete list of Notifiable Conditions (per WAC 246-101) is available at: www.doh.wa.gov/ForPublicHealthandHealthcareProviders/NotifiableConditions/ListofNotifiableConditions.

HIV/AIDS: Includes new diagnoses, previously diagnosed cases who have newly moved to the state, and babies born to HIV+ mothers; n/a = not available.

[^] County population estimates are from the Washington Office of Financial Management. When the estimate for the current year is not available, the estimate from the previous year is used.

County	2018	2017	2016	2015	2014	2013	2012	2011
Clallam	75,130	74,240	73,410	72,650	72,500	72,350	72,000	71,600
Jefferson	31,590	31,360	31,090	30,880	30,700	30,275	30,175	30,050
Kitsap	267,120	264,300	262,590	258,200	255,900	254,000	254,500	253,900

Data Sources: Washington State Department of Health, Public Health Information Management System (PHIMS) and Washington Disease Reporting System (WDRS). Extracted January 23, 2019. Hepatitis data by personal correspondence, Tessa Fairfortune.

Definitions: STD Date= diagnosis; TB Date= LHI notification; all other conditions= notification date; Classifications include confirmed, probable, and suspect for all conditions; Case Status= complete or in progress or unable to complete.

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