

**REGION 2 NOTIFIABLE CONDITIONS SURVEILLANCE REPORT
ANNUAL 2019**

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 (2019)	Last year YTD # of cases (2018)	5-year annual (whole year) average # (2014-18)	Current YTD # of cases (2019)	Last year YTD # of cases (2018)	5-year annual (whole year) average # (2014-18)	Current YTD # of cases (2019)	Last year YTD # of cases (2018)	5-year annual (whole year) average # (2014-18)
Campylobacteriosis	17	15	5.4	14	12	14.2	80	83	63.8
Chlamydia	174	193	187.2	57	47	57.6	1209	1188	1027.2
Coccidioidomycosis	2	0	0.6	1	0	0.2	2	4	1.4
Cryptococcus gatii	0	2	0.4	0	0	0.0	0	0	0.2
Cryptosporidiosis	3	4	2.4	0	3	2.4	2	2	2.0
Cyclosporiasis	0	0	0.0	0	1	0.2	0	0	0.0
Giardiasis	6	8	6.4	7	8	6.6	14	24	23.0
Gonorrhea	29	21	13.6	5	8	12.0	242	306	227.6
Hepatitis A	0	1	0.2	0	2	0.4	4	2	1.0
Hepatitis B, acute**	0	0	0.0	0	0	0.0	0	0	0.7
Hepatitis B, chronic**	7	13	8.7	0	2	1.3	46	51	37.0
Hepatitis C, acute**	1	0	0.3	0	2	1.7	0	0	1.0
Hepatitis C, chronic**	122	110	101.7	34	33	32.3	151	203	259.7
Herpes, neonatal and genital	10	21	19.2	2	2	4.0	87	81	85.2
Highly antibiotic resistant organism	0	0	0.4	0	0	0.0	2	1	0.8
HIV/AIDS #	4	2	n/a	2	2	n/a	12	10	n/a
Influenza-associated death	6	5	2.4	3	0	0.4	13	15	7.6
Lead (child blood)	0	0	1.0	0	1	0.6	2	6	8.0
Legionellosis	0	0	0.0	0	0	0.2	1	1	2.0
Lyme disease	1	0	0.4	0	0	1.0	2	3	2.8
Malaria	0	1	0.2	0	0	0.0	1	0	1.2
Mumps	0	0	0.0	0	0	0.0	13	1	1.0
Pertussis	5	0	7.6	0	1	11.6	8	8	43.8
Prion disease	0	0	0.0	0	0	0.0	0	2	0.6
Rabies exposure	1	1	2.6	0	0	2.2	7	15	19.8
Rare disease of PH significance †	0	0	n/a	0	0	n/a	2	0	n/a
Salmonellosis	8	9	5.6	3	2	2.2	18	21	23.4
Shiga toxin-producing E. coli (STEC)	2	2	1.4	1	6	2.2	5	13	7.2
Shigellosis	6	2	1.0	1	2	0.6	6	8	4.6
Syphilis	3	6	5.2	0	3	1.6	42	37	25.8
Tickborne (excluding Lyme, Relapsing)	1	0	0.4	0	0	0.0	0	0	0.4
Trichinosis	0	0	0.0	0	0	0.0	1	0	0.0
Tuberculosis	0	0	0.4	0	0	0.0	3	1	3.4
Vibriosis	0	1	0.4	1	5	2.8	6	8	5
Yersiniosis	0	0	0.0	1	0	0.6	2	4	2.8

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 (2019) [^]	Last year YTD rate (2018)	5-year annual (whole year) average rate (2014-18)	Current YTD rate (2019) [^]	Last year YTD rate (2018)	5-year annual (whole year) average rate (2014-18)	Current YTD rate (2019) [^]	Last year YTD rate (2018)	5-year annual (whole year) average rate (2014-18)
Campylobacteriosis	22.4	20.0	7.3	43.9	38.0	45.7	29.6	31.1	24.2
Chlamydia	228.9	256.9	254.3	178.7	148.8	185.4	447.6	444.7	392.2
Gonorrhea	38.2	28.0	18.5	15.7	25.3	38.7	89.6	114.6	86.8
Hepatitis B, chronic**	9.2	17.3	11.6	0.0	6.3	4.2	17.0	19.1	13.9
Hepatitis C, chronic**	160.5	146.4	136.8	106.6	104.5	103.2	55.9	76.0	98.2
Herpes, neonatal and genital	13.2	28.0	26.1	6.3	6.3	12.9	32.2	30.3	32.6

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.

** Hepatitis B and C annual average numbers and rates are based on 3 years of data rather than 5 years (2016-18).

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 (5 years of data not available).

† Rare disease of Public Health significance: Kitsap (E-cigarette/Vaping-Associated Lung Injury)

[^] 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	2019	2018	2017	2016	2015	2014	2013	2012
Clallam	76,010	75,130	74,240	73,410	72,650	72,500	72,350	72,000
Jefferson	31,900	31,590	31,360	31,090	30,880	30,700	30,275	30,175
Kitsap	270,100	267,120	264,300	262,590	258,200	255,900	254,000	254,500

Data Sources: Washington State Department of Health, Public Health Information Management System (PHIMS) and Washington Disease Reporting System (WDRS). Extracted January 28, 2020.

Definitions: STD Date= diagnosis; TB Date= LHJ 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.