

**REGION 2 NOTIFIABLE CONDITIONS SURVEILLANCE REPORT
2017 ANNUAL SUMMARY**

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

	Clallam County			Jefferson County			Kitsap County		
	Current YTD # of cases (2017)	Last year YTD # of cases (2016)	5-year annual (whole year) average # (2012-16)	Current YTD # of cases (2017)	Last year YTD # of cases (2016)	5-year annual (whole year) average # (2012-16)	Current YTD # of cases (2017)	Last year YTD # of cases (2016)	5-year annual (whole year) average # (2012-16)
Campylobacteriosis	3	4	3.0	11	12	14.6	90	58	43.8
Chlamydia	198	200	181.6	52	56	64.2	1093	985	963.2
Cryptosporidiosis	1	2	2.4	2	2	3.2	1	4	2.0
Giardiasis	7	5	6.6	8	7	6.6	22	30	23.0
Gonorrhea	7	18	10.2	11	11	9.0	273	177	144.4
Hepatitis A	0	0	0.2	0	0	0.2	2	1	0.6
Hepatitis B, chronic	10	4	1.2	1	1	1.6	25	39	34.4
Hepatitis C, acute	0	1	2.4	2	1	1.2	1	0	0.4
Hepatitis C, chronic	144	107	75.0	41	47	34.4	406	420	340.6
Herpes, neonatal and genital	20	14	17.4	4	3	4.2	108	67	75.4
HIV/AIDS [#]	0	4	n/a	2	6	n/a	10	11	n/a
Influenza-associated death	0	0	1.4	1	0	0.4	14	3	2.0
Lead (child blood)	0	0	0.0	0	1	0.2	6	3	5.2
Legionellosis	0	0	0.4	0	1	0.4	1	2	2.2
Listeriosis	0	0	0.0	0	0	0.2	1	0	0.8
Lyme disease	0	0	0.4	0	2	1.4	5	2	1.4
Malaria	0	0	0.0	0	0	0.0	1	2	1.2
Meningococcal disease	0	0	0.2	0	0	0.0	1	0	0.6
Mumps	0	0	0.0	0	0	0.0	3	0	0.4
Pertussis	0	12	16.2	2	13	17.4	14	17	60.2
Rabies exposure [§]	5	0	2.8	1	4	3.6	23	23	16.0
Rare disease of PH significance [†]	0	0	0.8	0	1	1.0	3	2	2.4
Salmonellosis	4	6	4.6	2	5	3.4	20	25	22.4
Shiga toxin-producing <i>E. coli</i> (STEC)	4	0	1.2	3	0	1.2	6	5	4.8
Shigellosis	2	1	0.2	1	0	0.0	4	3	3.2
Syphilis	11	3	3.0	1	3	1.0	33	24	16.4
Tuberculosis	1	1	0.4	0	0	0.0	8	1	3.2
Vibriosis	1	0	0.4	3	1	1.4	4	5	3.8
Yersiniosis	0	0	0.0	3	0	0.0	3	0	1.8

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

	All rates are calculated per 100,000 population [^]								
	Clallam County			Jefferson County			Kitsap County		
	Current YTD rate (2017) [^]	Last year YTD rate (2016)	5-year annual (whole year) average rate (2012-16)	Current YTD rate (2017) [^]	Last year YTD rate (2016)	5-year annual (whole year) average rate (2012-16)	Current YTD rate (2017) [^]	Last year YTD rate (2016)	5-year annual (whole year) average rate (2012-16)
Campylobacteriosis	4.0	5.4	4.1	35.1	38.6	47.6	34.1	22.1	17.0
Chlamydia	266.7	272.4	250.1	165.8	180.1	209.8	413.5	375.1	374.8
Gonorrhea	9.4	24.5	14.0	35.1	35.4	29.2	103.3	67.4	56.0
Hepatitis C, chronic	194.0	145.8	99.8	130.7	151.2	111.3	153.6	159.9	132.4
Pertussis	0.0	16.3	22.4	6.4	41.8	56.8	5.3	6.5	23.4

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.

[§] Rabies exposures ("Suspected rabies exposure") were reported as Rabies Post-Exposure Prophylaxis until 2011; despite slight case definition change, data are combined for 5-year average.

[†] Rare disease of Public Health significance: Kitsap (2 coccidiomycosis and 1 carbapenem-resistant Enterobacteriaceae)

[^] 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	2017	2016	2015	2014	2013	2012	2011	2010
Clallam	74,240	73,410	72,650	72,500	72,350	72,000	71,600	71,404
Jefferson	31,360	31,090	30,880	30,700	30,275	30,175	30,050	29,872
Kitsap	264,300	262,590	258,200	255,900	254,000	254,500	253,900	251,133

Data Source: Washington State Department of Health, Public Health Information Management System (PHIMS). Extracted January 26, 2018.

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.

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