

**REGION 2 NOTIFIABLE CONDITIONS SURVEILLANCE REPORT
JANUARY - DECEMBER 2015**

In Washington State, there are 76 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 and 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 (2015)	Last year YTD # of cases (2014)	5-year annual (whole year) average # (2010-14)	Current YTD # of cases (2015)	Last year YTD # of cases (2014)	5-year annual (whole year) average # (2010-14)	Current YTD # of cases (2015)	Last year YTD # of cases (2014)	5-year annual (whole year) average # (2010-14)
Arboviral disease	1	0	0	0	0	0	0	0	0.6
Campylobacteriosis	3	2	5.2	18	19	11.4	48	39	38.8
Chlamydia	187	163	170.4	54	78	61.4	946	923	900.2
Cryptosporidiosis	3	2	3.8	3	2	5.2	2	1	0.8
Giardiasis	9	5	6	3	7	7.6	23	17	19.6
Gonorrhea	10	13	11.8	9	21	6	195	184	90
H. flu invasive disease	1	0	0	0	0	0	0	1	0.2
Hepatitis B, acute	0	1	0.2	0	0	0	2	0	0.6
Hepatitis B, chronic	0	1	1	5	1	1	56	26	35.4
Hepatitis C, acute	3	5	2.4	0	2	1	0	2	0.4
Hepatitis C, chronic	76	95	64.8	45	35	27.8	445	321	293.6
Herpes, neonatal and genital	22	19	15.4	5	6	6.4	91	78	73
HIV/AIDS #	5	n/a	n/a	2	n/a	n/a	9	n/a	n/a
Influenza-associated death	6	1	0.4	1	0	0.4	4	2	1
Lead (child blood)	0	0	0	0	0	0	14	5	1.8
Legionellosis	0	0	0.6	0	0	0.4	4	2	1.2
Listeriosis	0	0	0	0	0	0.4	1	0	0.8
Lyme disease	1	1	0.2	2	1	1	2	2	1.2
Malaria	0	0	0.2	0	0	0	1	2	1.2
Measles	6	0	0	0	0	0	0	1	0.4
Pertussis	5	21	14	42	0	7	155	24	34.4
Rabies exposure §	7	3	2.2	6	1	2.2	23	17	11
Rare disease of PH significance †	0	2	n/a	0	0	n/a	2	2	n/a
Salmonellosis	6	3	2.8	1	1	2.8	23	28	23.4
Shiga toxin-producing E. coli	2	0	1.4	2	0	1.2	3	9	3.8
Shigellosis	0	0	0	0	0	0.4	6	2	1.4
Syphilis	3	3	2	1	0	0.4	18	17	12
Tuberculosis	0	0	0.6	0	0	0	5	4	2.4
Vibriosis	0	0	0.4	2	3	0.8	4	4	3.4
Yersiniosis	0	0	0.2	0	0	0	2	5	2

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 (2015)	Last year YTD rate (2014)	5-year annual (whole year) average rate (2010-14)	Current YTD rate (2015)	Last year YTD rate (2014)	5-year annual (whole year) average rate (2010-14)	Current YTD rate (2015)	Last year YTD rate (2014)	5-year annual (whole year) average rate (2010-14)
Campylobacteriosis	4.1	2.8	7.3	58.3	61.9	37.6	18.6	15.2	15.3
Chlamydia	257.4	224.8	236.7	174.9	254.1	202.9	366.4	360.7	354.4
Gonorrhea	13.8	17.9	16.4	29.1	68.4	19.7	75.5	71.9	35.4
Hepatitis C, chronic	104.6	131.0	90.0	145.7	114.0	92.0	172.3	125.4	115.6

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.

HIV/AIDS: Includes new diagnoses, previously diagnosed cases who have newly moved to the county, 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.

A rabid cat was identified in Jefferson County in November 2015; 3 people had rabies exposures from this cat in October. The last rabid cat in Washington was 2002.

† Rare disease of Public Health significance in 2015: Babesiosis (Kitsap); Creutzfeldt-Jakob Disease (Kitsap)

[^] 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	2015	2014	2013	2012	2011	2010
Clallam	72,650	72,500	72,350	72,000	71,600	71,404
Jefferson	30,880	30,700	30,275	30,175	30,050	29,872
Kitsap	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 25, 2016.

Definitions: STD Date= diagnosis; TB Date= LHJ notification; all other conditions: notification date; Classification= confirmed or probable or suspect; Case Status= complete or in progress or unable to complete.