

**REGION 2 NOTIFIABLE CONDITIONS SURVEILLANCE REPORT
2016 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^A) 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 (2016)	Last year YTD # of cases (2015)	5-year annual (whole year) average # (2011-15)	Current YTD # of cases (2016)	Last year YTD # of cases (2015)	5-year annual (whole year) average # (2011-15)	Current YTD # of cases (2016)	Last year YTD # of cases (2015)	5-year annual (whole year) average # (2011-15)
Arboviral disease	2	1	0.2	0	0	0.0	5	0	0.6
Campylobacteriosis	4	3	3.4	12	18	13.6	58	48	42.0
Chlamydia	199	186	174.8	56	57	61.0	981	947	932.6
Cryptosporidiosis	2	3	3.8	2	3	5.2	4	2	0.8
Giardiasis	5	9	6.6	8	3	6.4	30	23	21.0
Gonorrhea	18	9	9.6	11	9	7.4	177	198	120.0
Hepatitis A	0	0	0.2	0	0	0.2	1	0	0.8
Hepatitis B, chronic	3	0	0.6	1	5	1.8	38	57	33.6
Hepatitis C, acute	1	3	2.4	1	0	1.0	0	0	0.4
Hepatitis C, chronic	107	94	62.6	47	46	31.4	394	444	320.2
Herpes, neonatal and genital	14	22	16.6	3	5	5.4	68	92	76.4
HIV/AIDS #	4	5	n/a	6	2	n/a	11	9	n/a
Influenza-associated death	0	6	1.6	0	1	0.4	3	4	1.4
Lead (child blood)	0	0	0.0	1	0	0.0	5	14	4.2
Legionellosis	0	0	0.6	1	0	0.4	2	4	2.0
Lyme disease	0	1	0.4	2	2	1.2	2	2	1.2
Malaria	0	0	0.2	0	0	0.0	2	1	1.0
Pertussis	12	5	14.8	13	42	15.2	17	155	59.2
Rabies exposure §	0	7	3.2	4	6	2.8	25	23	14.4
Rare disease of PH significance †	0	0	n/a	1	0	n/a	3	2	n/a
Salmonellosis	6	6	3.4	5	1	2.4	26	23	22.4
Shiga toxin-producing <i>E. coli</i>	0	2	1.2	0	2	1.4	5	3	3.8
Shigellosis	1	0	0.0	0	0	0.4	3	6	2.6
Syphilis	3	3	2.6	3	1	0.4	24	17	14.2
Tuberculosis	1	0	0.6	0	0	0.0	1	5	3.4
Tularemia	0	0	0.0	0	0	0.0	1	0	0.0
Vibriosis	0	0	0.4	1	2	0.8	5	4	3.4

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

	All rates are calculated per 100,000 population^A								
	Clallam County			Jefferson County			Kitsap County		
	Current YTD rate (2016)^	Last year YTD rate (2015)	5-year annual (whole year) average rate (2011-15)	Current YTD rate (2016)^	Last year YTD rate (2015)	5-year annual (whole year) average rate (2011-15)	Current YTD rate (2016)^	Last year YTD rate (2015)	5-year annual (whole year) average rate (2011-15)
Campylobacteriosis	5.4	4.1	4.7	38.6	58.3	44.6	22.1	18.6	16.4
Chlamydia	271.1	256.0	242.0	180.1	184.6	200.4	373.6	366.8	365.6
Gonorrhea	24.5	12.4	13.3	35.4	29.1	24.2	67.4	76.7	47.0
Hepatitis C, chronic	145.8	129.4	86.6	151.2	149.0	103.0	150.0	172.0	125.3
Pertussis	16.3	6.9	20.5	41.8	136.0	49.7	6.5	60.0	23.1

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.

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

† Rare disease of Public Health significance in 2016: Coccidioidomycosis (1 each for Kitsap and Jefferson), carbapenem-resistant Enterobacteriaceae (Kitsap), and *Cryptococcus gattii* (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	2016	2015	2014	2013	2012	2011	2010
Clallam	73,410	72,650	72,500	72,350	72,000	71,600	71,404
Jefferson	31,090	30,880	30,700	30,275	30,175	30,050	29,872
Kitsap	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 March 7, 2017.

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.

Prepared by: Kitsap Public Health District