

Tuberculosis

In 2016 there were 225 cases of reported tuberculosis in British Columbia, for a rate of 4.7 per 100,000, a 18% decrease in the number and 19% decrease in the rate of reported cases compared to 2015*.

Rates for Health Regions vary across the province. The Vancouver, Fraser South, Richmond and Fraser North health service delivery areas have rates exceeding the provincial rate (4.7/ 100,000 population). The highest incidence was reported from Vancouver and Fraser South (9.5 and 7.8/ 100,000 population respectively) while the lowest was in Kootenay Boundary and South Vancouver Island (none and 0.8/ 100,000 population respectively).

Compared to 2015, the rate of tuberculosis increased in Northeast, Thompson Cariboo Shuswap, Fraser South and North Shore/Coast Garibaldi with North-east showing the largest increase in rate of tuberculosis (from 1.4 to 2.8/ 100,000 population). In East Kootenay the rate remained the same. In Northwest, Richmond, Vancouver, North Vancouver Island, North-

ern Interior and Fraser East the rate of tuberculosis decreased with Northwest and Richmond showing the largest decrease in rate of tuberculosis (from 8.4 to 1.4 and from 11.4 to 5.6/ 100,000 population, respectively).

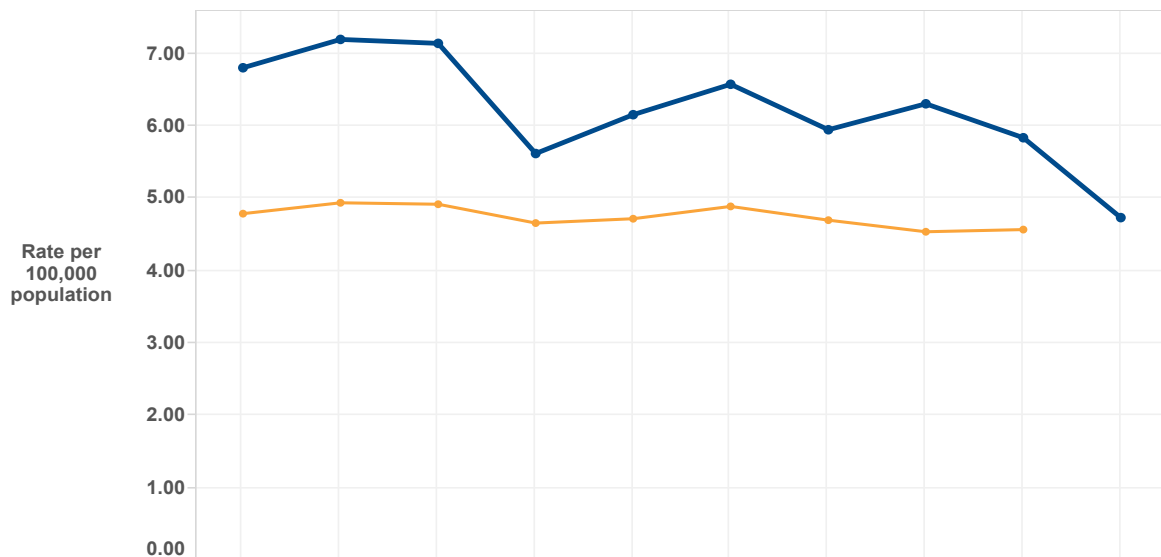
This trend of decreasing incidence mirrors that seen for Canada as a whole, however, active TB incidence in BC remains higher than the Canadian rate. The large number of foreign born individuals entering the province from high-incidence countries may be a contributing factor.

The age specific rates are shown in figure 17.3. Overall, the tuberculosis rate was higher in men than in women (5.2 vs 4.3 per 100,000). For the age group < 40 years the rate of tuberculosis in women was higher than in men (4.0 vs 2.4). In those >= 40 years old, the rate of tuberculosis in men was higher than that in women (7.7 vs 4.6 per 100,000).



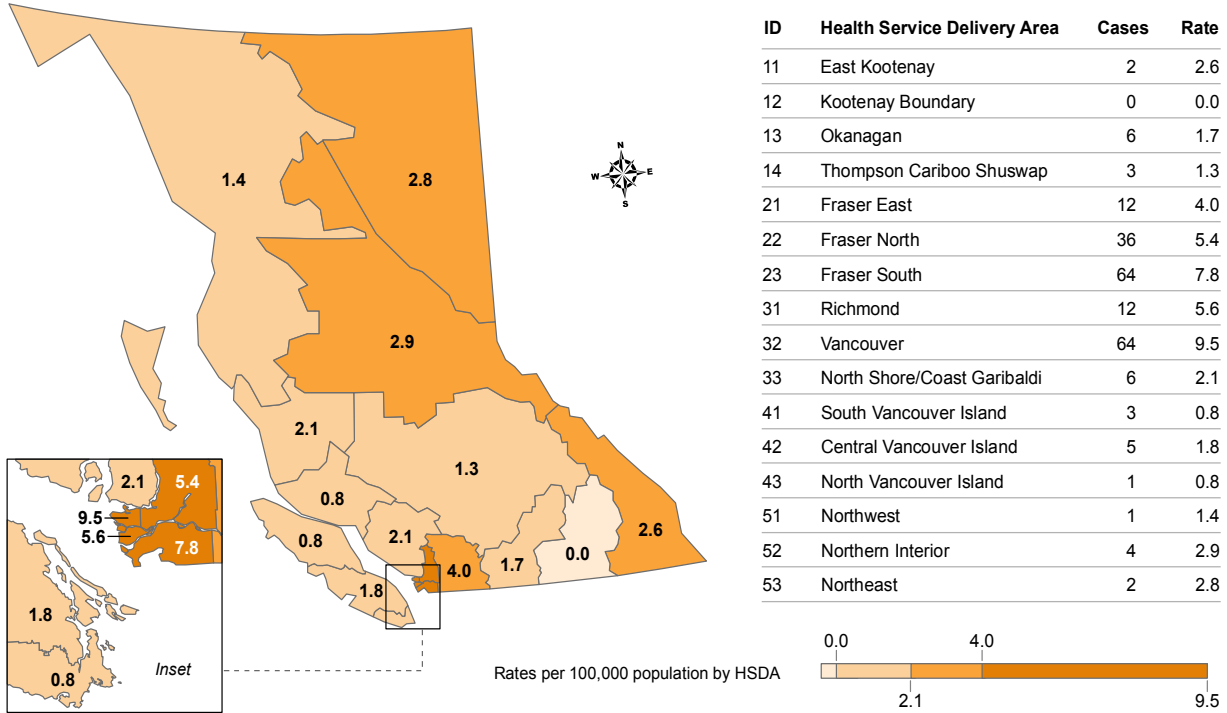
* Note that the data provided here represents a preliminary snapshot of TB data as of Mar-April 2017. Final case totals are refined over time and 2016 values may continue to shift with the accumulation of additional data. Please see the BCCDC TB Annual Reports for final numbers.

17.1 Tuberculosis Rates by Year, 2007-2016



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Reports	292	313	315	251	277	299	273	293	274	225
BC Rate	6.80	7.20	7.14	5.62	6.16	6.58	5.95	6.31	5.84	4.74
Canada Rate	4.79	4.94	4.92	4.66	4.72	4.89	4.70	4.54	4.57	

17.2 Tuberculosis Rates by HSDA, 2016**



** Note that 4 Tuberculosis case are missing HSDA information and are not reported in the map.

17.3 Tuberculosis Rates by Age Group and Sex, 2016

