

Measles

In 2016, 2 confirmed measles cases were reported among BC residents (0.04 per 100,000 population). Both were reported by Vancouver Coastal Health and had history of travel compatible with exposure abroad.

One case was under 6 months of age, too young to be vaccinated against measles. One case was aged 40-49 years, and had unknown vaccination status. Both cases were male.

One case was hospitalized. Both cases recovered fully, and no complications were reported.

Both cases were PCR confirmed. The case with travel history to Hong Kong and Singapore had a genotype D8 virus identical to the Mvi/Hulu Langat.MYS/26.11

sequence variant. The case with travel history to Pakistan had genotype B3 virus, not identical to a named strain.

Global distribution of measles genotypes is available here. http://www.who.int/immunization/monitoring_surveillance/burden/vpd/surveillance_type/active/measles_monthlydata/en/index1.html

Measles elimination status was achieved in Canada in 1998, however, importations and subsequent transmission arise periodically, largely driven by measles activity globally and travel patterns of British Columbians.



26.1 Measles Rates by Year, 2007-2016

