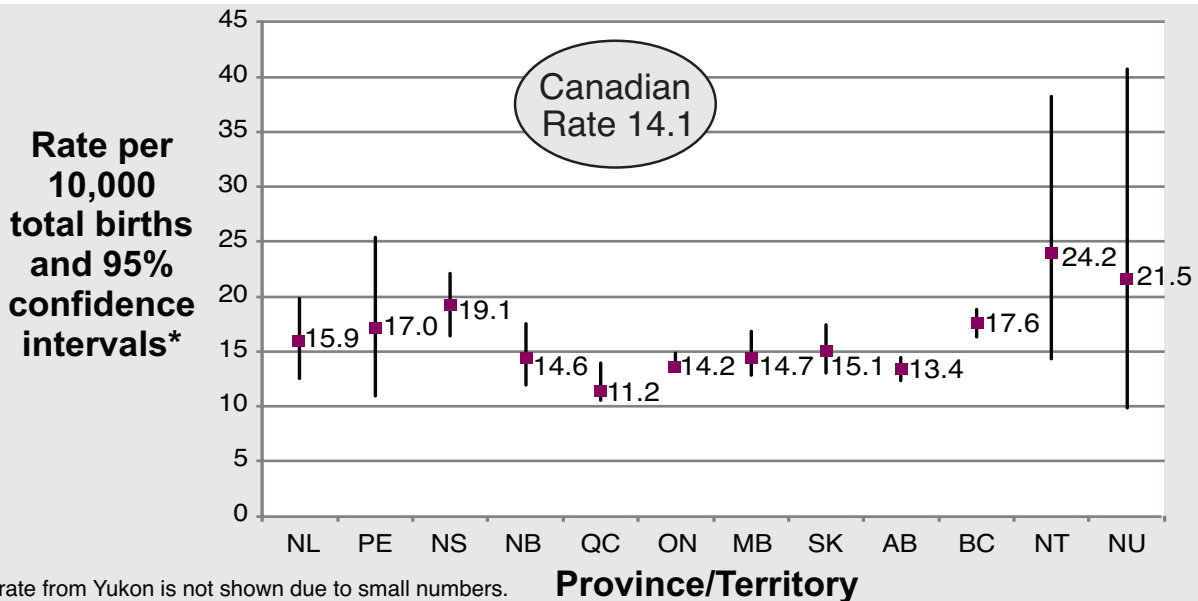




5.3.4 Common Congenital Anomalies - Rate of Down Syndrome per 10,000 Births, Canada, (Excluding Yukon[†]), 1998 to 2007



[†] The rate from Yukon is not shown due to small numbers.

* A confidence interval is "an interval of values bounded by confidence limits within which the true value of a population parameter is stated to lie with a specified probability". (<http://dictionary.reference.com/browse/confidence%20interval>) In this case, we can be 95% confident that the provincial rates of Down syndrome per 10,000 total births is within the interval shown with the black lines.

Graphic created by CICH using data from 'Perinatal Health Indicators for Canada 2011'. Ottawa: Public Health Agency of Canada; 2012.

When looking at the combined rate of Down syndrome for the years 1998–2007, it is clear that the rate varied greatly between provinces and territories. The rates of Down syndrome ranged from 11.2 per 10,000 total births in Quebec to 24.2 in the Northwest Territories.

These differences may be due to a number of factors, such as differences in maternal age, the availability and use of prenatal screening and diagnosis, and the rate of pregnancy termination.

