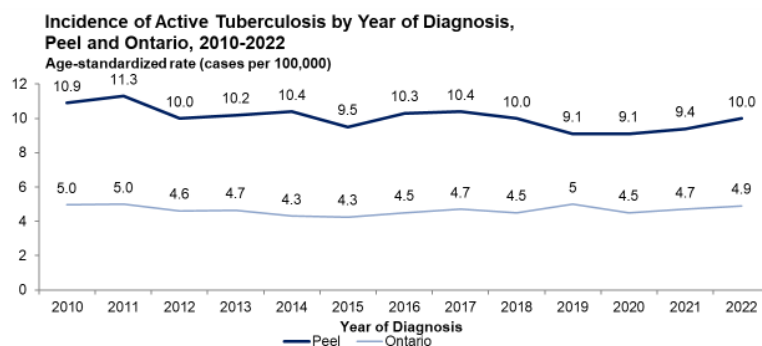


Epidemiology of Tuberculosis in Peel and Ontario

Incidence of Total Active TB by Year of Diagnosis, Peel vs Ontario, 2010 – 2022



Note Age-standardized rate is standardized to the 2011 Canadian population.
Case counts include confirmed cases only.
Sources: Integrated Public Health Information System (PHIS), 2010-2022, Region of Peel - Public Health, (extracted 09/01/2023).
Public Health Ontario, Query: Peel Public Health: Counts by age and gender - Toronto, ON: Ontario Agency for Health Protection and Promotion; September 1 2023. Available from: <http://www.publichealthontario.ca/en/DataAndAnalytics/Query/Pages/default.aspx>
Population Estimates, 2010-2021, Statistics Canada. IntelliHEALTH Ontario, Ministry of Health and Long-Term Care.
Population Projections, 2022, Ontario Ministry of Finance. IntelliHEALTH Ontario, Ministry of Health and Long-Term Care.

- Peel's incidence rates of active TB have consistently been two times higher than the province.
- While the rate has remained relatively stable since 2010, case numbers have increased with population growth.

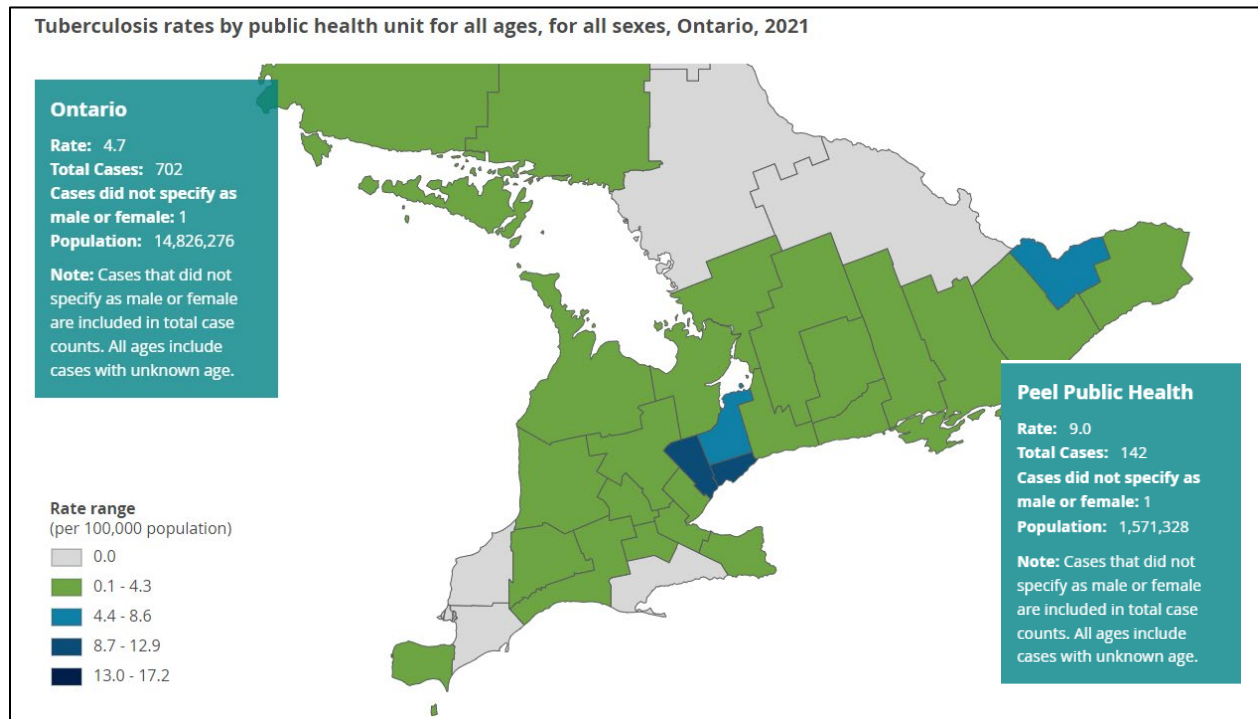
Characteristics of active TB cases, 2017 – 2022

Year of Diagnosis (Total cases)	Pediatric Cases *RHU = Peel N (% of total cases)	Number of deaths* N (Case fatality rate)
2017 (n=146)	4 (2.6%)	2 (1.4%)
2018 (n=141)	4 (2.8%)	3 (2.1%)
2019 (n=137)	6 (4.2%)	1 (0.7%)
2020 (n=143)	4 (2.8%)	6 (4.2%)
2021 (n=155)	8 (5.5%)	6 (3.9%)
2022 (n=164)	8 (4.9%)	2 (1.2%)

*Interpret with caution due to potential for missing outcome data.
Sources: Integrated Public Health Information System (PHIS), 2017 – 2022, Region of Peel - Public Health, (extracted 08/25/2023). Confirmed cases presented only. Total cases and fatalities were counted if their diagnosing health unit = Peel. Pediatric cases were counted if their responsible health unit = Peel

- The number of pediatric TB cases was highest in 2021.
- Case fatality increased during the first two years of the pandemic.

Appendix I - Strengthening the Tuberculosis Program in Peel



Source: Public Health Ontario. *Disease Trends in Ontario*. [Infectious Disease Trends in Ontario](#) | Public Health Ontario