

EPI Country Report

CANADA, 2019



Demographics and socioeconomic

Total Population (in 1000) (2019)	37,411.04
Population <1 year of age (in 1000) (2019)	396.18
Population 1 year of age (in 1000)(2019)	397.38
Population <5 years of age (in 1000) (2019)	1,979.86
Women of childbearing age (2019)	17,119.05
Infant Mortality Rate (per 1000 live births) (2017)	4.50
Gross national income (US\$ per capita) current value (2018)	44,860.00
National Health Expenditure Public (2016)	7.74
National Health Expenditure Private (2016)	2.80

Immunization system highlights

- There is no comprehensive multi-year plan (MYP) for immunization.
- A standing national technical advisory group on immunization (NITAG) with formal written terms of reference exists. The group met 3 times in 2019.
- A national nominal electronic immunization registry implementation is in progress.

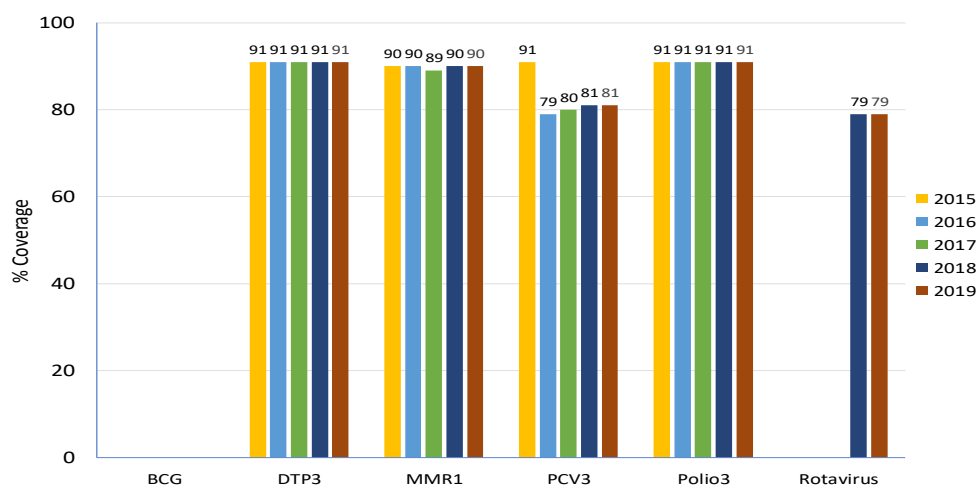
Immunization Schedule

	Doses					
CAN	1	2	3	4	5	6
BCG	B					
HepB_Pediatric	B	1M	6M or 9M			
DTP-Hib						
DTP-Hib-HepB						
DTP-Hib-IPV	2M	4M	6M	18M		
DTP-Hib-HepB-IPV	2M	4M	6M			
DTP						
IPV						
OPV						
MMR	12M					
Pneumoco_conj	2M	4M	12M			
Rotavirus	2M	4M	6M			
Td	17Y					
Tdap	14-16Y					
HPV	12Y	13Y				

Vaccine Introduction

	Year
Bacterial Meningitis	
<i>Haemophilus influenzae</i> type b	1986
Hepatitis B	1998
HPV	
Influenza	
MMR1	1983
MMR2	1997
Pentavalent	
Pneumococcal Conjugate	2002
Rotavirus	2017
Tdap	2006
Tetavalent DPT-Hib or DPT-HepB	
Yellow Fever	

Vaccination Coverage



Surveillance Indicators

2019

Number of AFP suspected cases	26
AFP rate per 100,000 population <15 years old	0.44
% of cases with 1 adequate samples	38
% of cases investigated within <48 hours	
% sites reporting	

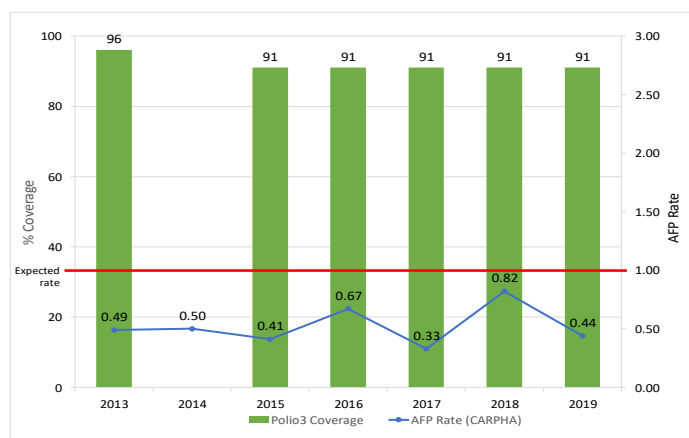
Surveillance Indicators

2019

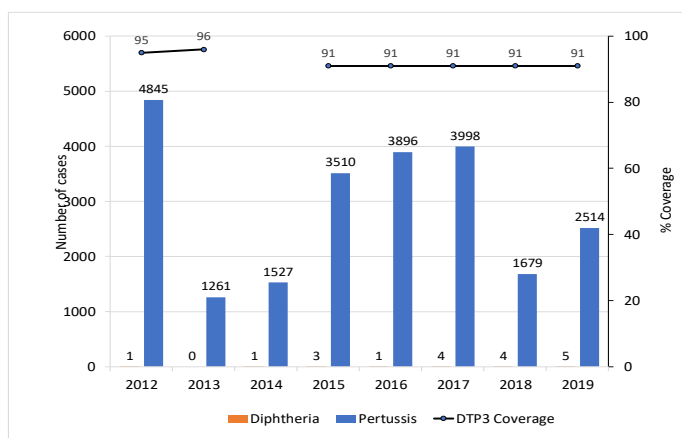
Number of suspected cases	64
% of cases with adequate investigation	
% of cases with adequate blood samples	
% of samples received in laboratory <=5 days	
% of laboratory samples results <=4 days	



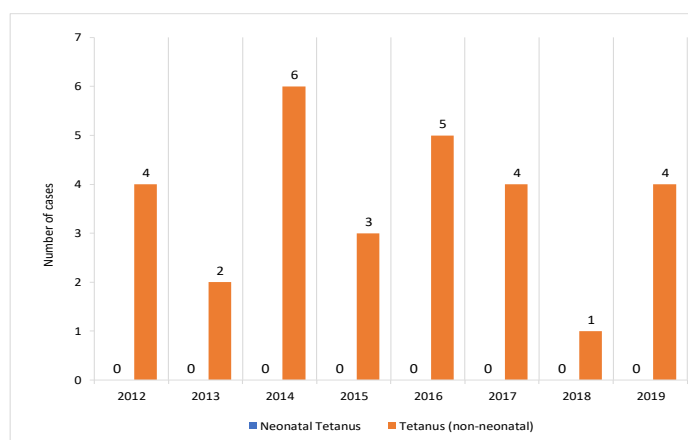
Polio3 coverage and AFP rate per 100,000 children <15 years of age



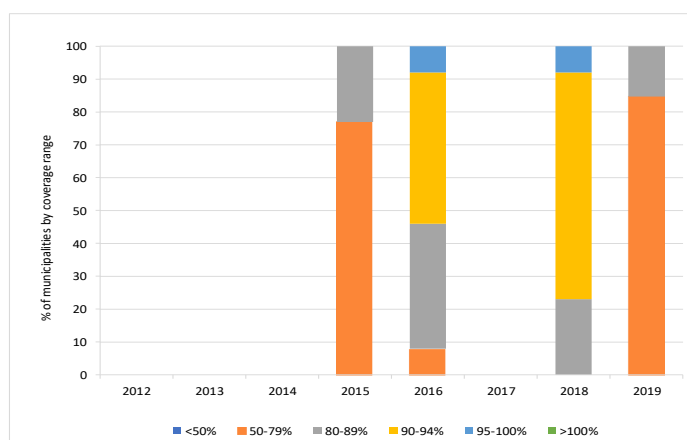
DTP3 coverage and number of reported diphtheria and pertussis cases



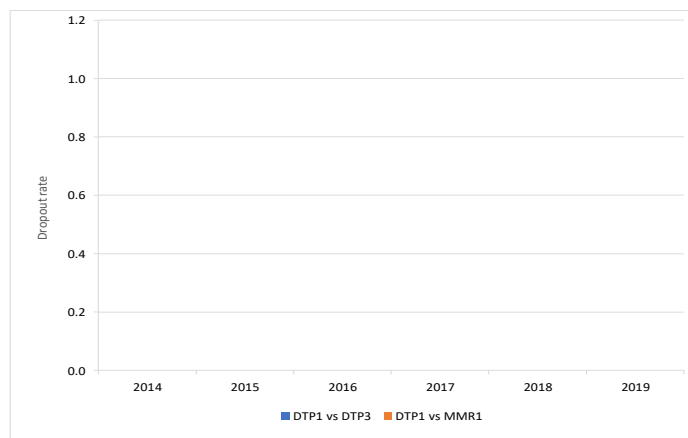
Number of tetanus (no neonatal) and neonatal tetanus cases



Proportion of municipalities by coverage range with DTP3 in children <1 years of age



DTP1-DTP3 and DTP1-MMR1 Dropout Rate



Legend

NB/nb-newborn
M/m-month
Y/y-year
WCBA-women of childbearing age

● with stockout
● no stockout
● no data available

Vaccine Stockout

CAN	2013	2014	2015	2016	2017	2018	2019
AD Syringes							●
BCG							●
Disposable Syringes							●
DTP							●
HepB							●
Hib							●
Influenza							●
IPV							●
Measles							●
Pneumo. Conjugate							●
Polio							●
Reconst. Syringes							●
Rotavirus							●
Safety boxes							●
Tdap							●
TT							●
Yellow Fever							●