

EPI Country Report

Belize, 2018



Demographics and socioeconomic

Total Population (1000) (2018)	383.07
Population <1 (1000) (2018)	7.95
Population 1(1000) (2018)	7.87
Population <5 (1000) (2018)	39.32
Women of childbearing age (2018)	210.14
Infant Mortality Rate (per 1000 live births) (2018)	12.6
Gross national income (US\$ per capita) current value (2018)	4,720.0
National Health Expenditure Public (2016)	4.1
National Health Expenditure Private (2016)	1.8

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 2 times in 2018.
- 77% of spending on routine immunization is financed using government funds.
- 100% of spending on vaccine purchases is financed using government funds.
- A national nominal electronic immunization registry is in place.

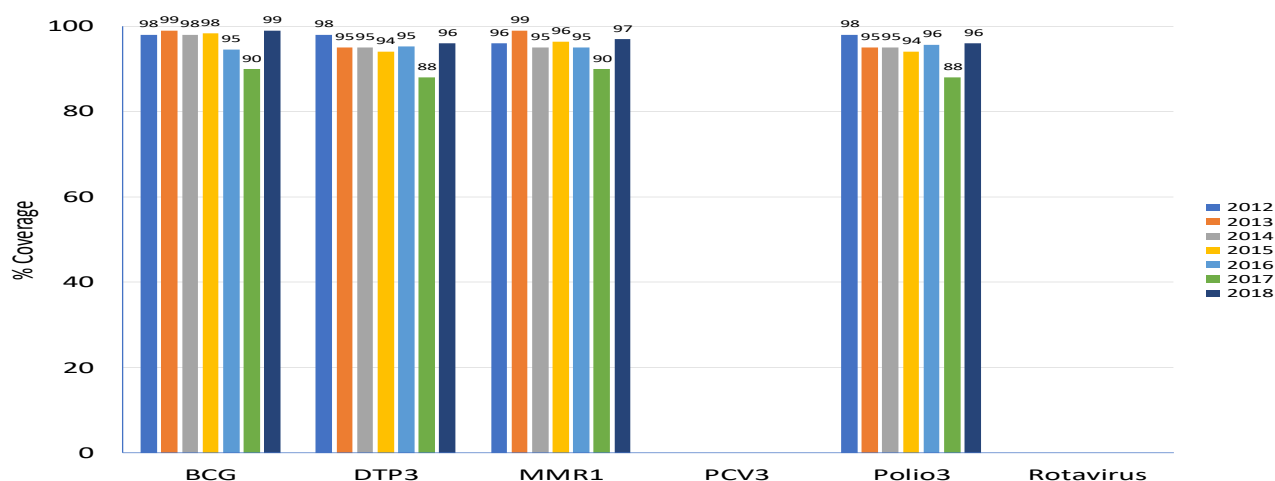
Immunization Schedule

BLZ	Doses					
	1	2	3	4	5	6
BCG	B					
HepBPed	B					
DTPHib						
DTPHibHepB	M2	M4	M6			
DTPHibHepBIPV						
DTPHibIPV						
DTP				M18	Y4	
IPV	M2	M4	M6	M18	Y4	Y12
OPV		M4	M6	M18	Y4	
Pneumo conj.						
Rotavirus						
MMR	M12	M18				
Td	Pregnancy first contact					Y12
Tdap						
HPV	Y10					

Vaccine Introduction

	Year
Bacterial Meningitis	
<i>Haemophilus influenzae</i> type b	2001
Hepatitis B	2000
HPV	2016
Influenza	2008
MMR1	1996
MMR2	2005
Pentavalent	2002
Pneumococcal Conjugate	
Rotavirus	
Tdap	
Tetavalent DPT-Hib or DPT-HepB	2001
Yellow Fever	

Vaccination Coverage



Surveillance Indicators - AFP (CARPHA)

2018

Number of AFP suspected cases	8
AFP rate per 100,000 population <15 years old	0.45
% of cases with 1 adequate samples	38
% of cases investigated within <48 hours	75
% sites reporting	89

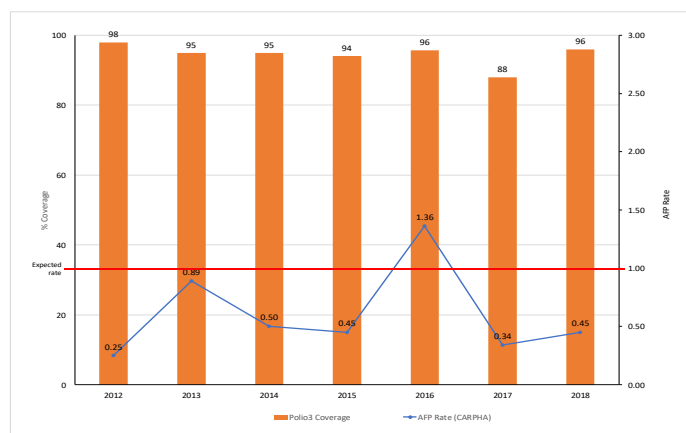
Surveillance Indicators - MR (CARPHA)

2018

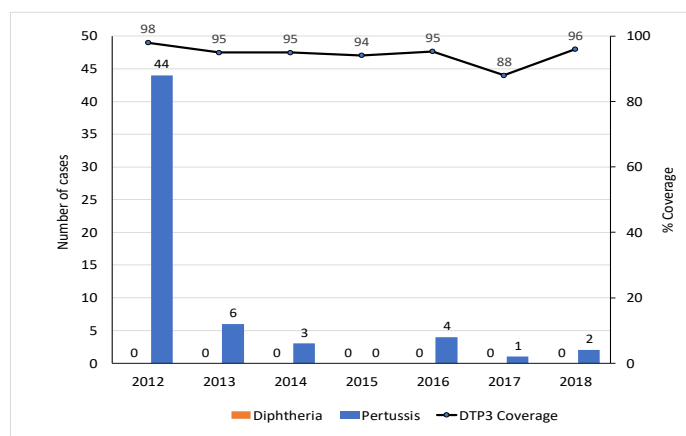
Number of suspected cases	353
% of cases with adequate investigation	87
% of cases with adequate blood samples	98
% of samples received in laboratory <=5 days	15
% of laboratory samples results <=4 days	76



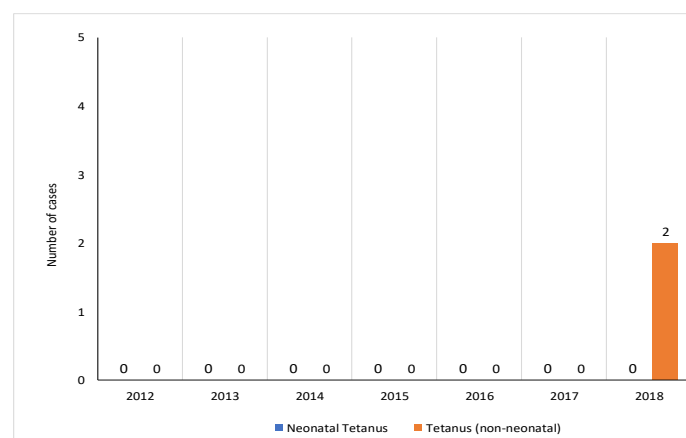
Polio3 coverage and AFP rate per 100,000 children <15 years of age



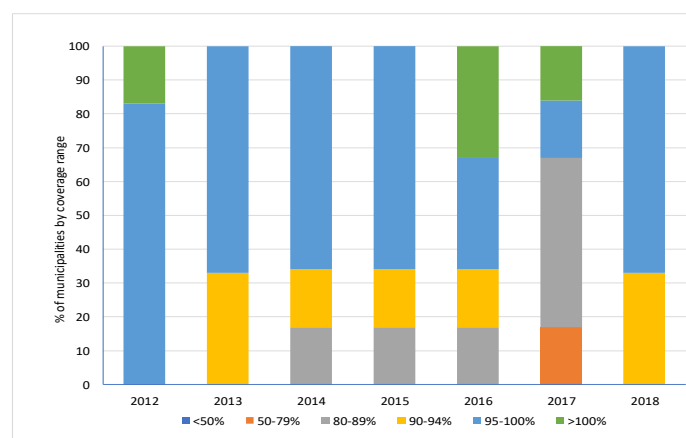
DTP3 coverage and number of reported diphtheria and pertussis cases



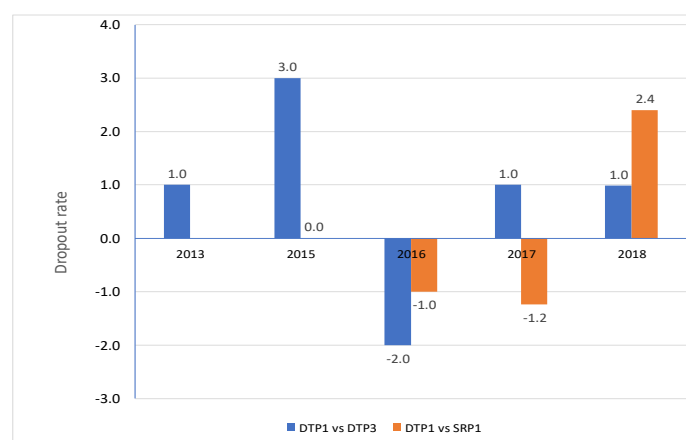
Number of tetanus (no neonatal) and neonatal tetanus cases



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

BLZ	2012	2013	2014	2015	2016	2017	2018
AD Syringes	●	●	●	●	●	●	●
BCG	●	●	●	●	●	●	●
Disposable Syringes	●	●	●	●	●	●	●
DTP	●	●	●	●	●	●	●
HepB	●	●	●	●	●	●	●
Hib	●	●	●	●	●	●	●
Influenza	●	●	●	●	●	●	●
IPV	●	●	●	●	●	●	●
Measles	●	●	●	●	●	●	●
Pneumo. Conjugate	●	●	●	●	●	●	●
Polio	●	●	●	●	●	●	●
Reconst. Syringes	●	●	●	●	●	●	●
Rotavirus	●	●	●	●	●	●	●
Safety boxes	●	●	●	●	●	●	●
Tdap	●	●	●	●	●	●	●
TT	●	●	●	●	●	●	●
Yellow Fever	●	●	●	●	●	●	●