

# EPI Country Report

## Belize, 2020



### Demographics and socioeconomic

Total Population (in 1000) (2020)	397.62
Population <1 year of age (in 1000) (2020)	7.88
Population 1 year of age (in 1000) (2020)	7.90
Population <5 years of age (in 1000) (2020)	39.45
Women of childbearing age (in 1000) (2020)	335.45
Infant Mortality Rate (per 1000 live births) (2018)	12.6
Gross national income (US\$ per capita) current value (2020)	3,970.0
National Health Expenditure Public (2018)	3.9
National Health Expenditure Private (2018)	1.6

### Immunization system highlights

- There is a comprehensive multi-year plan for immunization covering 2020-2022.
- A standing national technical advisory group on immunization (NITAG) with formal written terms of reference exists. The group met 8 times in 2020.
- 100% 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.

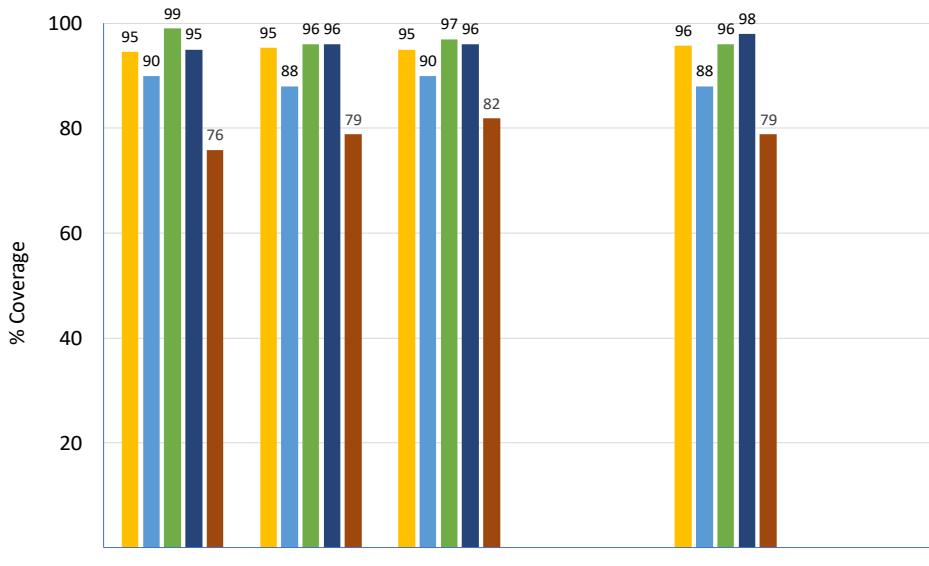
### Vaccine Introduction

	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	
Tetraivalent DPT-Hib or DPT-HepB	2001
Yellow Fever	

### Immunization Schedule

BLZ	Doses					
	1	2	3	4	5	6
BCG	B					
HepB pediatric	B					
DTP-Hib						
DTP-Hib-HepB	M2	M4	M6			
DTP-Hib-IPV						
DTP-Hib-HepB-IPV						
DTP				M18	Y4	
Influenza pediatric	M6-M35	M35-M59				
IPV	M2	M4	M6	M18	Y4	Y12
OPV		M4	M6	M18	Y4	
MMR	M12	M18				
Pneumoco conjugate						
Rotavirus						
Td						Y12
TdaP						
HPV						

### Vaccination Coverage



■ 2016 ■ 2017 ■ 2018 ■ 2019 ■ 2020

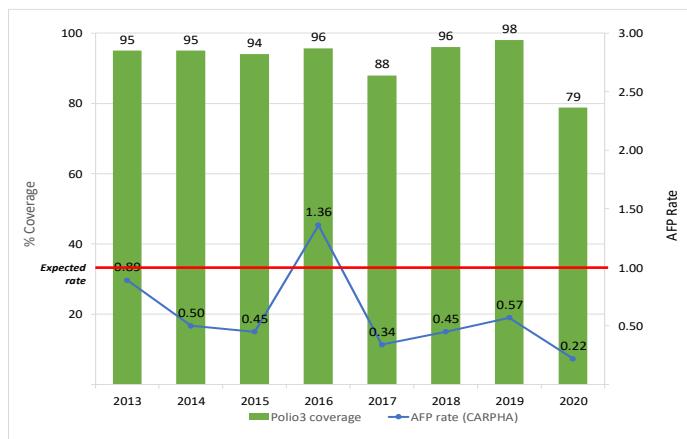
### Surveillance indicators

Acute flaccid paralysis (AFP) - (CARPHA) 2020	
Number of AFP suspected cases	4
AFP rate per 100,000 population <15 years old	0.22
% of cases with 1 adequate samples	25
% of cases investigated within <48 hours	50
% sites reporting	72

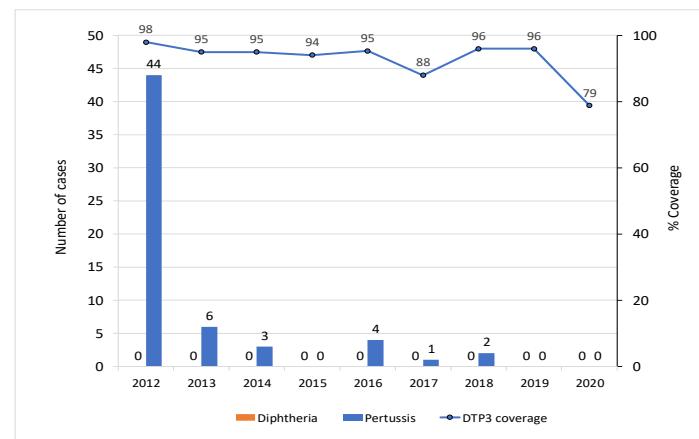
Measles-rubella (MR) - (CARPHA) 2020	
Number of MR suspected cases	55
% of cases with adequate investigation	60
% of cases with adequate blood samples	96
% of samples received in laboratory <=5 days	22
% of laboratory samples results <=4 days	76



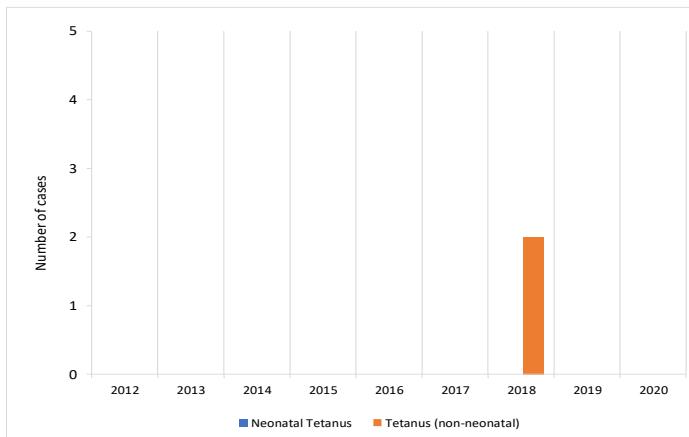
### Polio3 coverage and AFP rate per 100,000 children <15 years of age



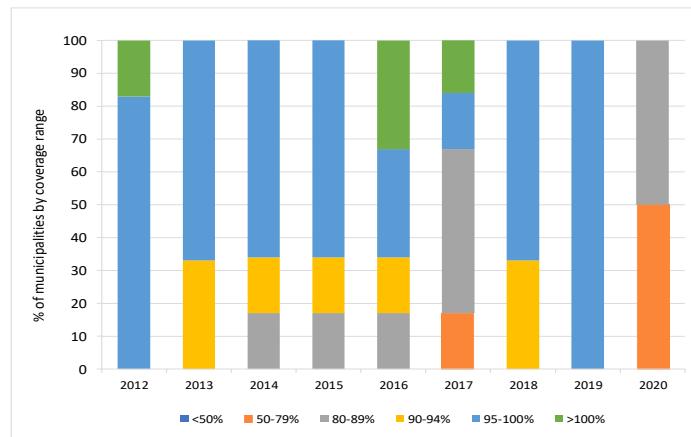
### DTP3 coverage and number of reported diphtheria and pertussis cases



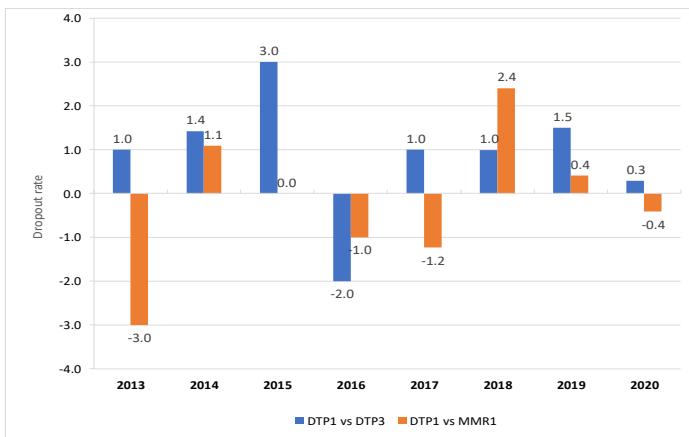
### Number of tetanus (no neonatal) and neonatal tetanus cases



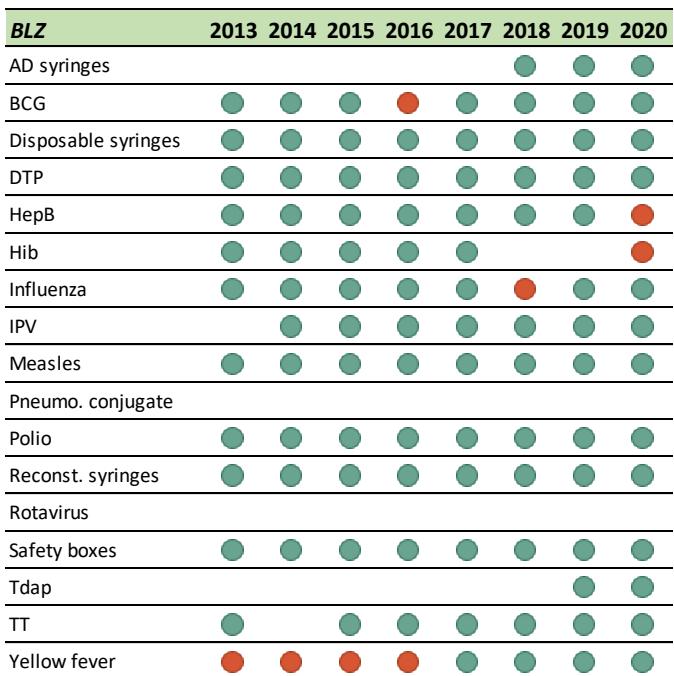
### Proportion of municipalities by coverage range with DTP3 in children <1 years of age



### DTP1-DTP3 and DTP1-MMR1 Dropout Rate



### Vaccine Stockout



#### Legend

- NB/nb-newborn
- M/m -month
- Y/y-year
- WCBA-women of childbearing age
- with stockout
- no stockout
- no data available