

# EPI Country Report

## British Virgin Islands, 2020



### Demographics and socioeconomic

|  |       |
|--|-------|
| Total Population (in 1000) (2020)                            | 37.38 |
| Population <1 year of age (in 1000) (2020)                   | 0.42  |
| Population 1 year of age (in 1000) (2020)                    | 0.42  |
| Population <5 years of age (in 1000) (2020)                  | 2.13  |
| Women of childbearing age (in 1000) (2020)                   | 26.18 |
| Infant Mortality Rate (per 1000 live births) (2017)          | 16.5  |
| Gross national income (US\$ per capita) current value (2020) | 0.0   |
| National Health Expenditure Public (2018)                    | 0.0   |
| National Health Expenditure Private (2018)                   | 0.0   |

### Immunization system highlights

- There is a comprehensive multi-year plan for immunization covering 2019-2023.
- A standing national technical advisory group on immunization (NITAG) with formal written terms of reference exists. The group did not meet 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 implementation is in progress.

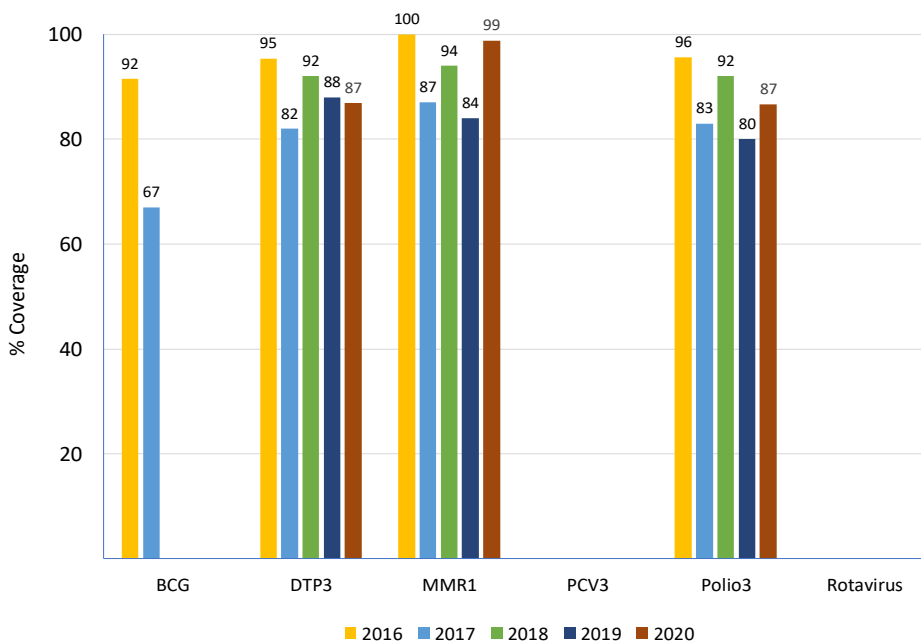
### Vaccine Introduction

|                                      | Year |
|--------------------------------------|------|
| Bacterial Meningitis                 |      |
| <i>Haemophilus influenzae</i> type b | 1999 |
| Hepatitis B                          | 1999 |
| HPV                                  | 2019 |
| Influenza                            | 2007 |
| MMR1                                 | 1986 |
| MMR2                                 |      |
| Pentavalent                          | 2000 |
| Pneumococcal Conjugate               |      |
| Rotavirus                            |      |
| Tdap                                 |      |
| Tetavalent DPT-Hib or DPT-HepB       |      |
| Yellow Fever                         |      |

### Immunization Schedule

| VGB                 | Doses          |     |    |     |    |     |
|---------------------|----------------|-----|----|-----|----|-----|
|                     | 1              | 2   | 3  | 4   | 5  | 6   |
| BCG                 | NA             |     |    |     |    |     |
| HepB pediatric      | B              |     |    |     |    |     |
| DTP-Hib             |                |     |    |     |    |     |
| DTP-Hib-HepB        | M2             | M4  | M6 |     |    |     |
| DTP-Hib-IPV         |                |     |    |     |    |     |
| DTP-Hib-HepB-IPV    |                |     |    |     |    |     |
| DTP                 |                |     |    | M18 | Y4 |     |
| Influenza pediatric |                |     |    |     |    |     |
| IPV                 | M2             | M4  |    |     |    |     |
| OPV                 |                |     | M6 | M18 | Y4 |     |
| MMR                 | M12            | M15 |    |     |    |     |
| Pneumoco conjugate  | M2             | M4  | M6 |     |    |     |
| Rotavirus           |                |     |    |     |    |     |
| Td                  |                |     |    |     |    | Y14 |
| Tdap                | pregnant women |     |    |     |    |     |
| HPV                 | Y11-Y12        | +M6 |    |     |    |     |

### Vaccination Coverage



### Surveillance indicators

#### Acute flaccid paralysis (AFP) - (CARPHA) 2020

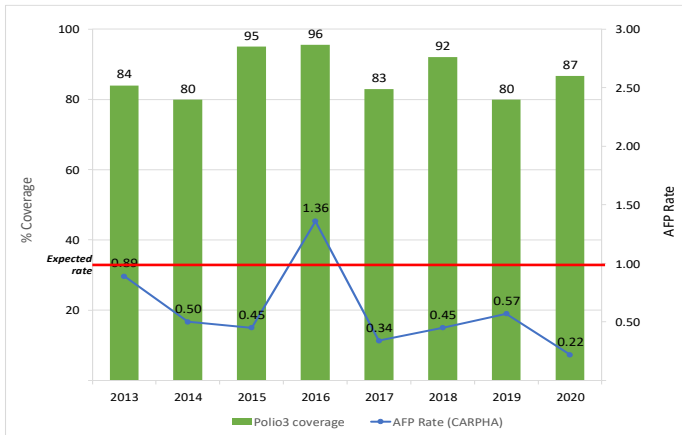
|   |      |
|---|------|
| Number of AFP suspected cases                 | 4    |
| AFP rate per 100,000 population <15 years old | 0.22 |
| % of cases with 1 adequate samples            | 25   |
| % of cases investigated within <48 hours      | 50   |
| % sites reporting                           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

#### Measles-rubella (MR) - (CARPHA) 2020

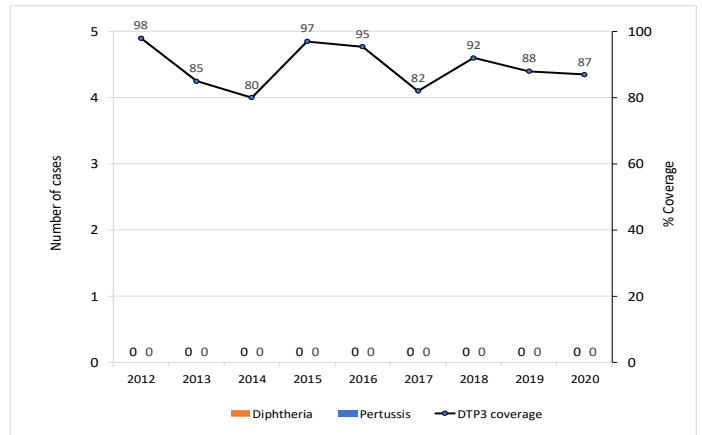
|  |    |
|--|----|
| Number of MR suspected cases                 | 55 |
| % of cases with adequate investigation       | 60 |
| % of cases with adequate blood samples       | 96 |
| % of samples received in laboratory <=5 days | 22 |
| % of laboratory samples results <=4 days     | 76 |



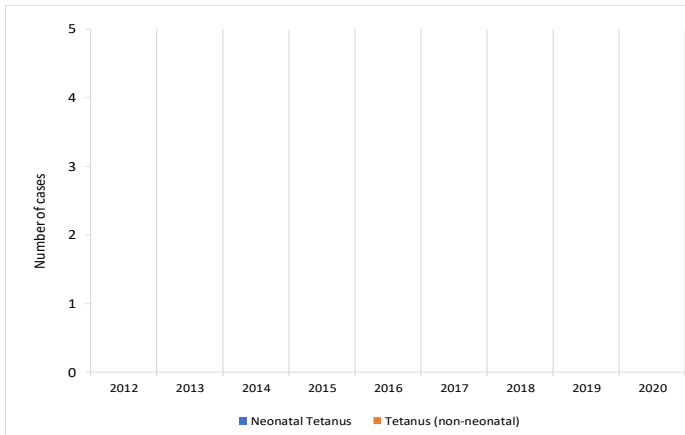
### Polio3 coverage and AFP rate per 100,000 children <15 years of age



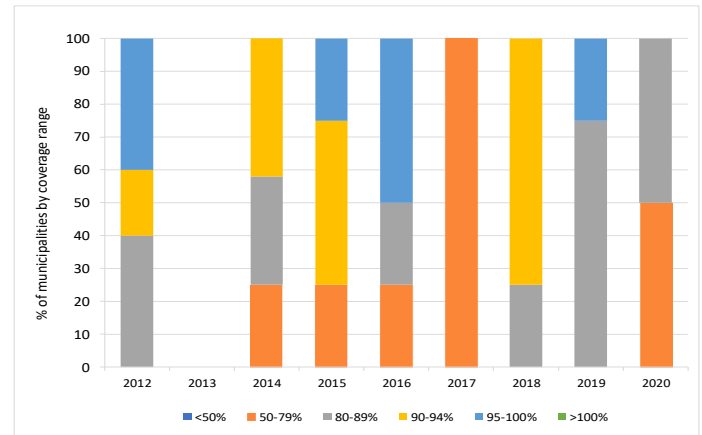
### DTP3 coverage and number of reported diphtheria and pertussis cases



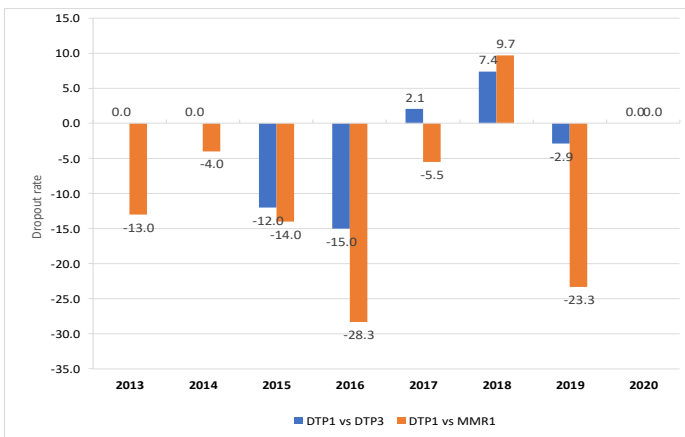
### Number of tetanus (no neonatal) and neonatal tetanus cases



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



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



### Vaccine Stockout

| VGB                 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---------------------|------|------|------|------|------|------|------|------|
| AD syringes         |      |      |      |      |      | ●    | ●    | ●    |
| BCG                 | ●    | ●    | ●    | ●    | ●    |      |      |      |
| Disposable syringes |      |      | ●    | ●    | ●    | ●    |      |      |
| DTP                 | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    |
| HepB                | ●    | ●    | ●    | ●    | ●    | ●    |      |      |
| Hib                 |      | ●    | ●    | ●    | ●    |      |      |      |
| Influenza           |      |      | ●    | ●    | ●    | ●    | ●    | ●    |
| IPV                 |      |      | ●    | ●    | ●    | ●    | ●    | ●    |
| Measles             | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    |
| Pneumo. conjugate   |      |      | ●    | ●    | ●    | ●    |      | ●    |
| Polio               | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●    |
| Reconst. syringes   |      |      | ●    | ●    | ●    |      |      | ●    |
| Rotavirus           |      |      |      |      | ●    |      |      |      |
| Safety boxes        |      |      | ●    | ●    | ●    | ●    |      | ●    |
| Tdap                |      |      |      |      | ●    |      |      | ●    |
| TT                  |      | ●    | ●    | ●    | ●    | ●    | ●    | ●    |
| Yellow fever        |      | ●    | ●    | ●    | ●    | ●    | ●    | ●    |

#### Legend

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