

Somalia cVDPV Outbreak Response Situation Report #8 8 October 2018

Distribution of circulating vaccine-derived poliovirus type 2 (cVDPV2) & type 3 (cVDPV3) cases, Somalia, 2018



Map No. 3699 Rev. 10 UNITED NATIONS December 2011 Department of Field Support Cartographic Section

The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations. Source: Somalia, DFS, United Nations 2011

Summary

Number of new cVDPV2 cases this week: 1
 Number of new cVDPV3 cases this week: 0
 Total number of cVDPV2 cases : 5
 Total number of cVDPV3 cases : 5
 Total number of co-infection (cVDPV2 & cVDPV3) : 1

Outbreak grade: 2

Infected regions and districts

| Region | District | cVDPV2 | cVDPV3 | cVDPV2 & cVDPV3 |
|-----------------------------------|--------------|--------|--------|-----------------|
| AFP Cases | | | | |
| Hiran | Bulo Burti | 0 | 0 | 1 |
| Middle Shabelle | Warsheikh | 0 | 2 | 0 |
| | Mahaday | 0 | 1 | 0 |
| Gedo | Dolo | 1 | 0 | 0 |
| Banadir | Daynile | 1 | 0 | 0 |
| Fanole IDP camp | Kismayo | 2 | 2 | 0 |
| Lower Juba | Jamamme West | 1 | 0 | 0 |
| Contacts | | | | |
| Hiran | Bulo Burti | 0 | 3 | 0 |
| Middle Shabelle | Warsheikh | 0 | 1 | 0 |
| | Mahaday | 0 | 1 | 0 |
| Gedo | Dolo | 1 | 0 | 0 |
| Fanole IDP camp | Kismayo | 1 | 2 | 0 |
| Lower Juba | Jamamme West | 1 | 0 | 0 |
| Healthy Children | | | | |
| Lower Juba | Jamamme West | 0 | 2 | 0 |
| Environmental Surveillance | | | | |
| Banadir | Waberi | 6 | 4 | 1 |
| Banadir | Hamerewoini | 8 | 5 | 0 |
| Banadir | Hodan | 1 | 0 | 0 |

Most recent cVDPV2 case (by date of onset)*

Location: Jamame, Lower Juba
 Onset of paralysis: 02 September 2018, age: 36 months, gender: female
 Vaccination status: Zero OPV doses and Zero IPV
 * case confirmed by positive contact

Most recent cVDPV3 case (by date of onset)

Location: Kismayo district, Lower Juba
 Onset of paralysis: 27 July 2018, age: 13 years, gender: male
 Vaccination status: 6 OPV doses / zero IPV

Situation update

- Somalia continues to respond to concurrent outbreaks of circulating vaccine-derived poliovirus type 2 and type 3.
- One new cVDPV type 2 case was confirmed this week. Virus was isolated from a contact of child that developed paralysis on the 02 September 2018. These children are both from an inaccessible area of Lower Juba. Detailed investigations are underway to determine the best response mechanism. No type 3 cases have been reported this week.
- The total number of cVDPV cases is eleven (11): five cVDPV2, five cVDPV3 and one case of a child with a coinfection of cVDPV2 and cVDPV3 virus.
- A nationwide polio vaccination campaign targeting around 2.6 million children under five with bivalent Oral Polio Vaccine is (bOPV) underway this week. The vaccination campaign is in response to the ongoing circulation of cVDPV3. Over 15 000 vaccinators, 3 700 community mobilizers, nomadic and community elders, religious groups are involved.

Immunization Response

cVDPV2

- A total of 47 215 children under five were vaccinated in September's monovalent oral polio vaccine type 2 (mOPV2) vaccination round in Daynile district, Banadir region. Teams verified that 95% coverage of the target population received vaccination during the campaign. Independent post-campaign monitoring data indicates that around 2 500 children missed vaccination. 'Child not available' was the most common reason for missed children, with the main reasons given as 'child in school or madrassa', 'Parent/Caretaker not available' and 'Child in market, street or playground'.
- Discussions continue around possible additional rounds of mOPV2 in known outbreak areas of Somalia in response to the continued detection of cVDPV2.

cVDPV3

- The first of two national bivalent Oral Polio Vaccine (bOPV) immunization rounds for Somalia (and synchronized with Ethiopia and Kenya) started this week.
- Around 2.6 million children under five were targeted, with a special focus on reaching children from nomadic populations and in areas sharing border with Ethiopia and Kenya. The campaign remains ongoing in some areas.



2.6 million children under five years were targeted during the national bOPV campaign in October. Photo: WHO Somalia



A vaccinator marks the door after paying a visit to a home during the nationwide bOPV campaign this week. Photo: WHO Somalia



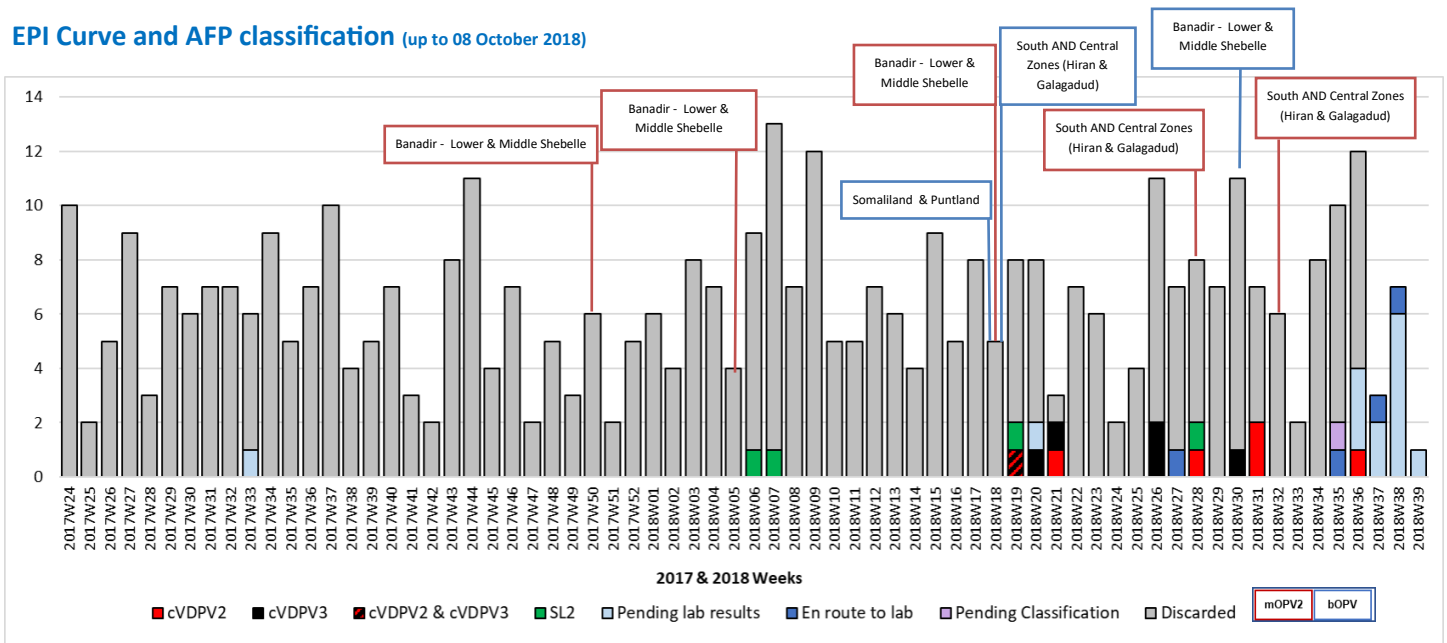
15 000 vaccinators, 3 700 community mobilizers, nomadic and community elders, religious groups all mobilized to ensure the success of the nationwide bOPV campaign. Photo: UNICEF Somalia

Surveillance

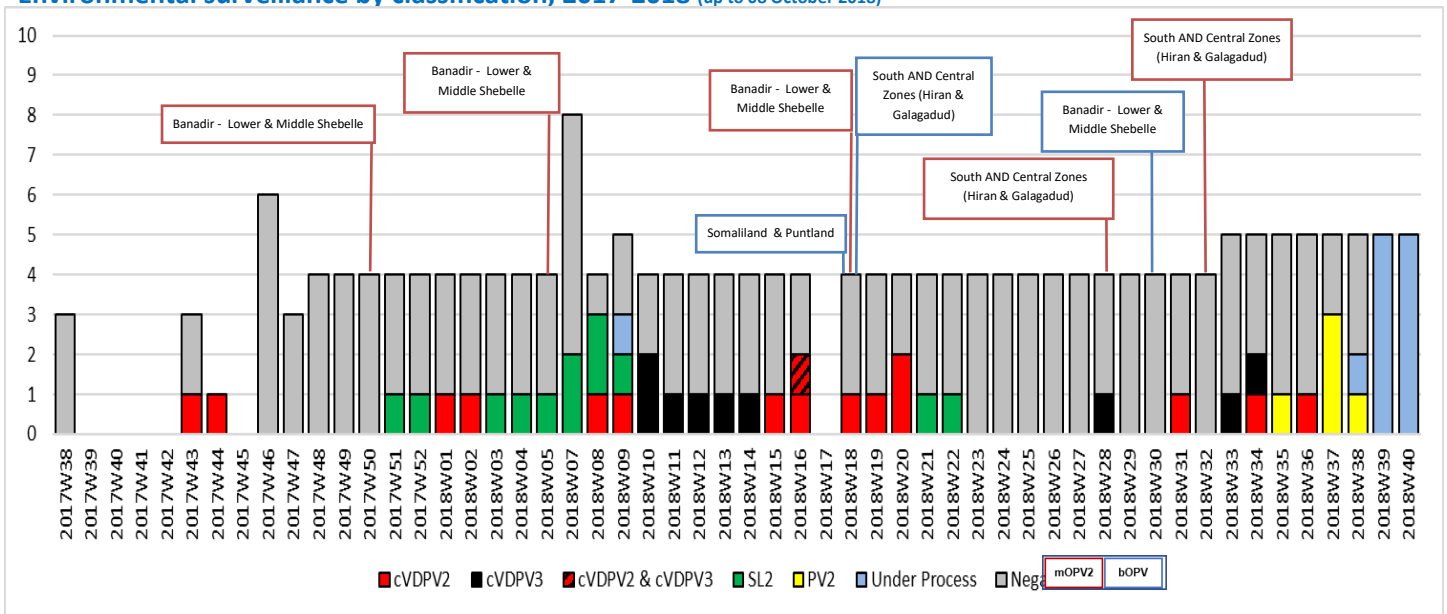
- Somalia continues to conduct weekly environmental sampling from five sites. This week, one new positive environmental sample collected in Kawma on 06 September 2018 which confirmed the continued circulation of cVDPV2.
- Since the beginning of 2018, the total number of acute flaccid paralysis (AFP) cases detected in Somalia is 262. Of these cases 12.2% (n=32) were reported to have received zero doses of OPV.
- All regions except for one are meeting both key indicators for AFP surveillance: 3* or more NPAFP cases per 100,000 children below 15 years of age, and 80 percent or above AFP cases with adequate specimens. Banadir region (2.6) is not meeting the non-polio AFP (NPAFP) rate, which helps to measure the incidence of AFP caused by diseases other than poliomyelitis and is an indicator for surveillance sensitivity.
- Additional measures to boost surveillance capacity continue, including sampling from AFP contacts and healthy children. Of the total 426 samples collected from healthy children in 2018, 55% were collected from accessible and the rest (45%) were from access-compromised areas.

*NPAFP target in an outbreak setting is 3 per 100,000 children below 15 years of age

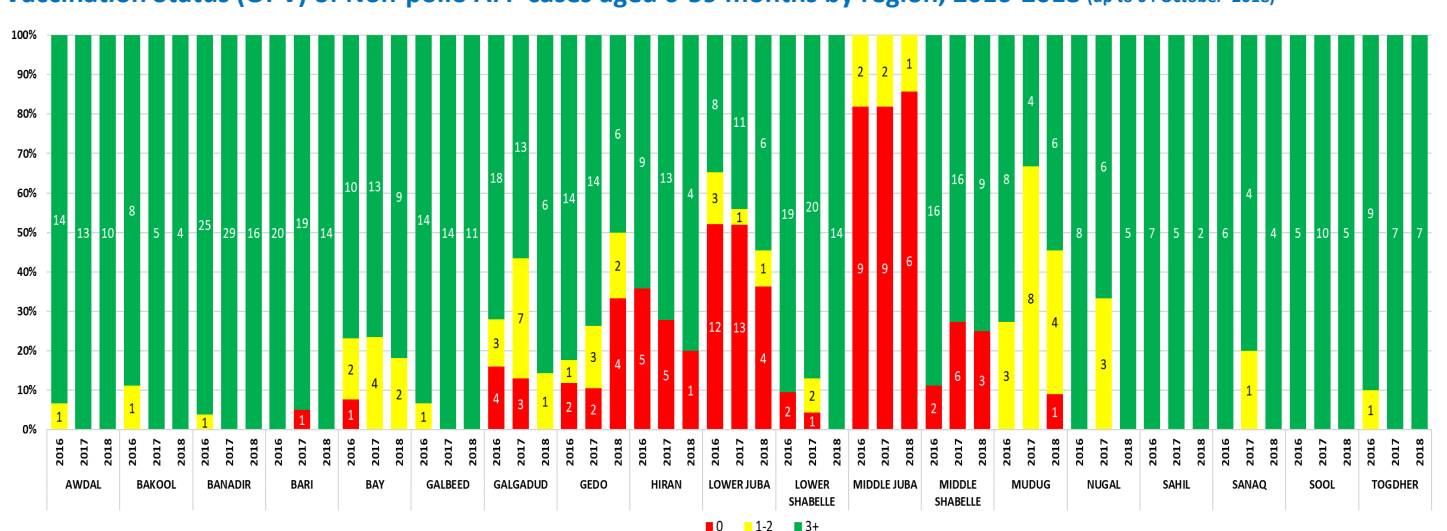
EPI Curve and AFP classification (up to 08 October 2018)



Environmental surveillance by classification, 2017-2018 (up to 08 October 2018)



Vaccination Status (OPV) of Non-polio AFP cases aged 6-59 months by region, 2016-2018 (up to 04 October 2018)



Relevant Links

- [Global Polio Eradication Initiative \(GPEI\) website](#), updated weekly.
 - [Vaccine-derived polioviruses video](#)
 - [Responding to an outbreak of VDPV video](#)
 - [What is vaccine-derived polio?](#)
 - [GPEI factsheet—VDPV](#)
-

For more information:

WHO

Dr Mohamed Ali Kamil—Acting Polio Team Lead
World Health Organization, Somalia
E: kamilmo@who.int | T: +962 7 9643 1246

Dr Joanna Nikulin—Country Support Team
World Health Organization, EMRO
E: nikulinj@who.int | T: +962 796 142239

Emma Sykes—Communications Officer, Polio
World Health Organization, EMRO
E: sykese@who.int | T: +962 7 9021 6115

UNICEF

Dr Yasmine Challoub—Polio Team Lead
UNICEF Somalia
E: yhalloub@unicef.org | T: +254 7 1919 2825

Angelo Ghelardi—C4D
UNICEF ESARO
E: aghelardi@unicef.org | T: +254 7 4860 0645