

Somalia cVDPV Outbreak Response Situation Report #13

15 November 2018

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

Summary

Number of new cVDPV2 cases this week: 0

Number of new cVDPV3 cases this week: 0

Total number of cVDPV2 cases : 5

Total number of cVDPV3 cases : 6

Total number of co-infection (cVDPV2 & cVDPV3) : 1

Outbreak grade: 2

Infected regions and districts



Map No. 3690 Rev.10 UNITED NATIONS December 2011

Department of Field Support Cartographic Section

Region	District	cVDPV2	cVDPV3	cVDPV2 & cVDPV3	aVDPV2
AFP Cases					
Hiran	Bulo Burti	0	0	1	0
Middle Shabelle	Warsheikh	0	2	0	0
	Mahaday	0	1	0	0
	Runingod	0	1	0	0
Gedo	Dolo	1	0	0	0
Banadir	Daynile	1	0	0	0
Fanole IDP camp	Kismayo	2	2	0	0
Lower Juba	Jamamme West	1	0	0	0
Contacts					
Hiran	Bulo Burti	0	3	0	0
Middle Shabelle	Warsheikh	0	1	0	0
	Mahaday	0	1	0	0
Gedo	Dolo	1	0	0	0
Fanole IDP camp	Kismayo	1	2	0	0
Lower Juba	Jamamme West	1	0	0	0
Healthy Children					
Lower Juba	Jamamme West	0	2	0	0
Environmental Surveillance					
Banadir	Waberi	6	4	1	2
Banadir	Hamerewoini	10	5	0	0
Banadir	Hodan	1	0	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: Runingod district, Middle Shabelle

Onset of paralysis: 07 September 2018, age: 05 months, gender: male

Vaccination status: zero OPV doses / zero IPV

Situation update

- No new human cases have been reported from Somalia this week. Outbreak response activities continue around the concurrent outbreaks of circulating vaccine-derived poliovirus (cVDPV) type 2 and type 3.
- The total number of cases remains 12: five cVDPV2 cases, six cVDPV3 cases, and one case with cVDPV2 and cVDPV3 co-infection.
- No new positive samples have been reported from environmental surveillance this week.
- Intra-campaign data from the third national immunization days (NIDs) round indicates 98% of the target population under five in accessible areas received bOPV during the campaign. More than 3 million children across Somalia were targeted in the round, which was synchronized with Kenya and Ethiopia. Administrative data is still being finalized.

Immunization Response

- WHO and UNICEF continue to work with the Ministry of Health and local partners to improve outbreak responsiveness and timely sharing of data sharing at the District, Regional and National levels. Efforts are concentrated on strategies for strengthening immunization activities to reach populations in and around inaccessible areas and those high risk groups such as internally displaced and nomadic populations.
- Health and humanitarian access remains reduced across the central southern areas of the country. Lower and Middle Juba regions are particularly inaccessible due to ongoing insecurity and conflict.
- Routine immunization levels across Somalia remain relatively low, despite some improvements in the past 2 years. BCG, Measles and OPV3 coverage rates are 66%, 73% and 70% respectively in accessible areas, for 2018 annualized. Strengthening the routine immunization system in Somalia is critical to prevent future outbreaks.

cVDPV2

- Planning continues for an upcoming mOPV2 round in response to the ongoing detection of cVDPV2. The campaign is planned in nine regions of south and central zones from mid-November.
- UNICEF Somalia is awaiting campaign funds from the global partnership for vaccine management and communications for development (C4D) activities for the coming mOPV2 round.

cVDPV3

- Administrative data from the nationwide bOPV campaign that was completed in Week 44 is still being finalized. Data gathered during the campaign indicates high vaccine coverage among children reached with the vaccine in accessible areas.
- Overall, independent monitoring indicates a high proportion of households were aware of the campaign. Most regions in South and Central Zone showed 95% or more awareness whereas Togdher region showed the lowest awareness (81% of households surveyed).

Vaccine Management

- Vaccine procurement and supply of mOPV2 vaccines for the upcoming round in South Central Zone arrived in Nairobi late October and commenced transfer to Mogadishu on 13 November. Vaccines were received in good condition, however the late arrival will result in some districts starting the round one to two days later to allow sufficient time for the dispatch of vaccines to the regions.

Communication for Development

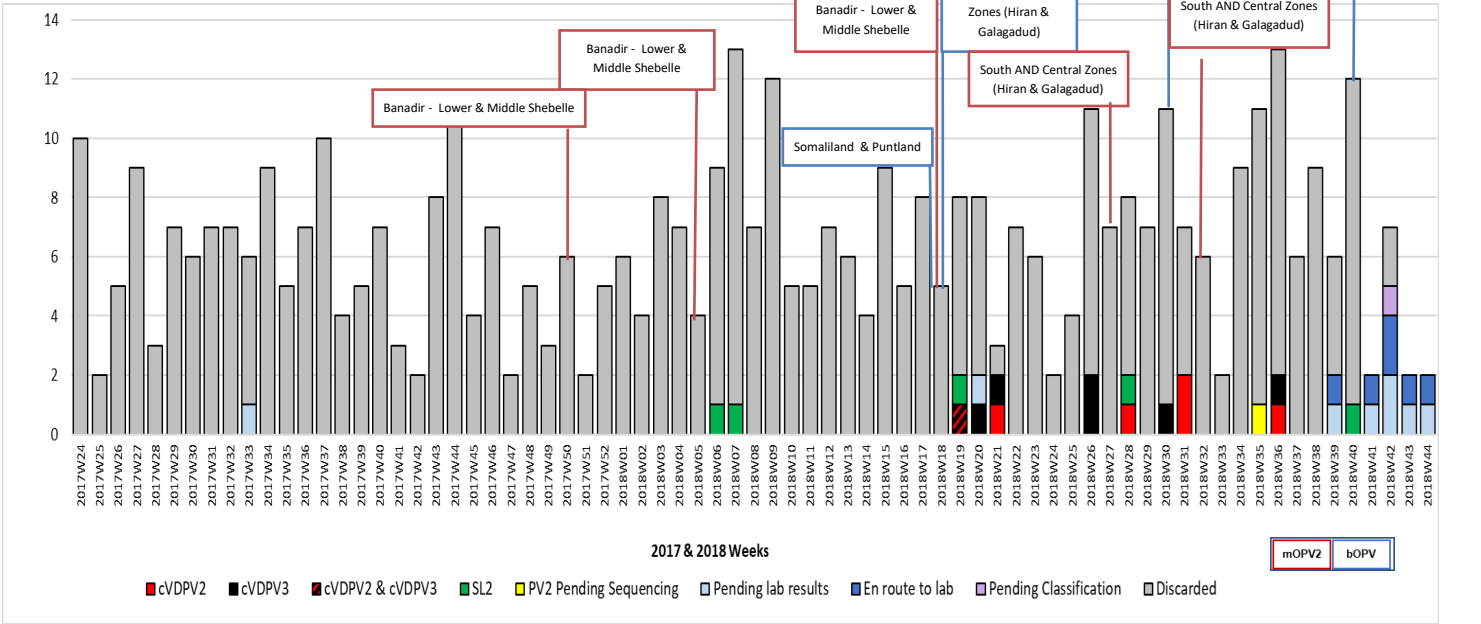
- All Information, Education and Communication (IEC) materials to be used to inform communities ahead of the upcoming mOPV2 campaign, in response to cVDPV2, are ready for distribution. In addition, radio and television dramas including one targeting nomadic populations, have been finalized for implementation.

Surveillance

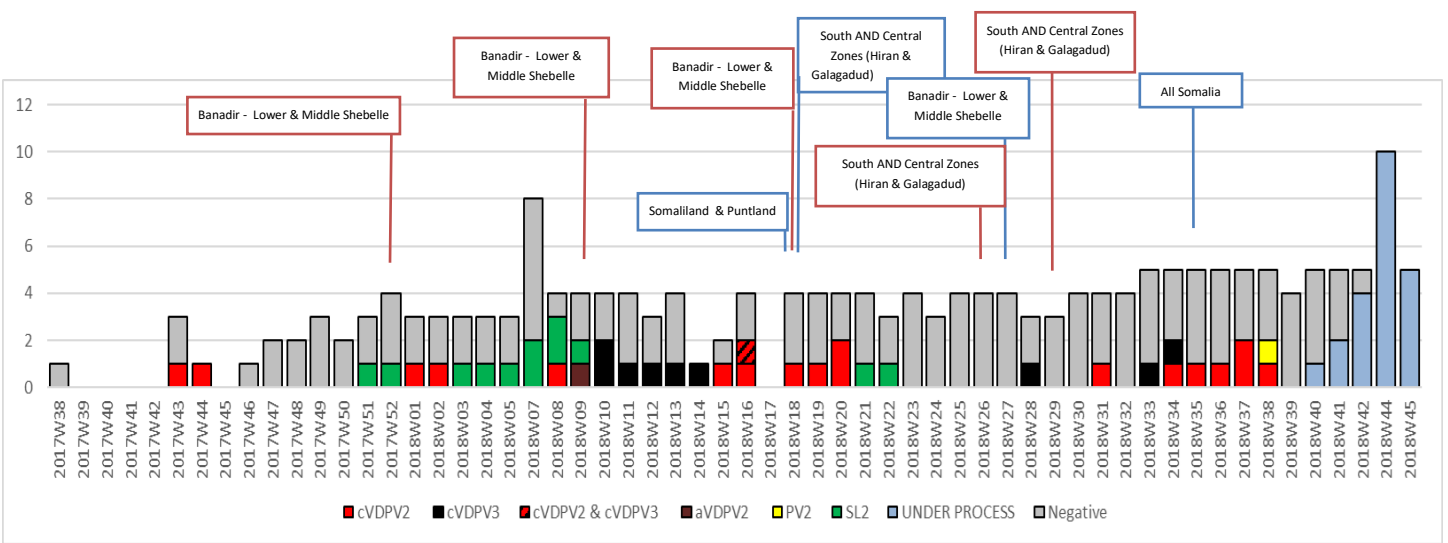
- A total of 300 AFP cases have been reported in Somalia in 2018 to date. 95% (n=285/300) of the cases reported in 2018 were notified within 7 days of onset of paralysis. 51% of AFP cases reported are female.
- Village Polio Volunteers (VPV) continue to play an important role in outbreak response activities. 38% of AFP cases detected in 2018 are reported by the VPV network across Somalia.
- Despite accessibility challenges, majority of indicators are reaching global standards. Banadir region (2.4) is not meeting the non-polio AFP (NPAPF) rate, however all other regions are reaching both key indicators for AFP surveillance (3* or more NPAPF cases per 100,000 children below 15 years of age, and 80 percent or above AFP cases with adequate specimens). Teams remained focused on exploring methods to improve security and access.
- Efforts to improve and strengthen supplementary surveillance activities continue to ensure virus is detected in a timely manner. Sampling of contacts of AFP cases and weekly environmental sampling from five sites continues. No new environmental samples have returned positive this week.

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

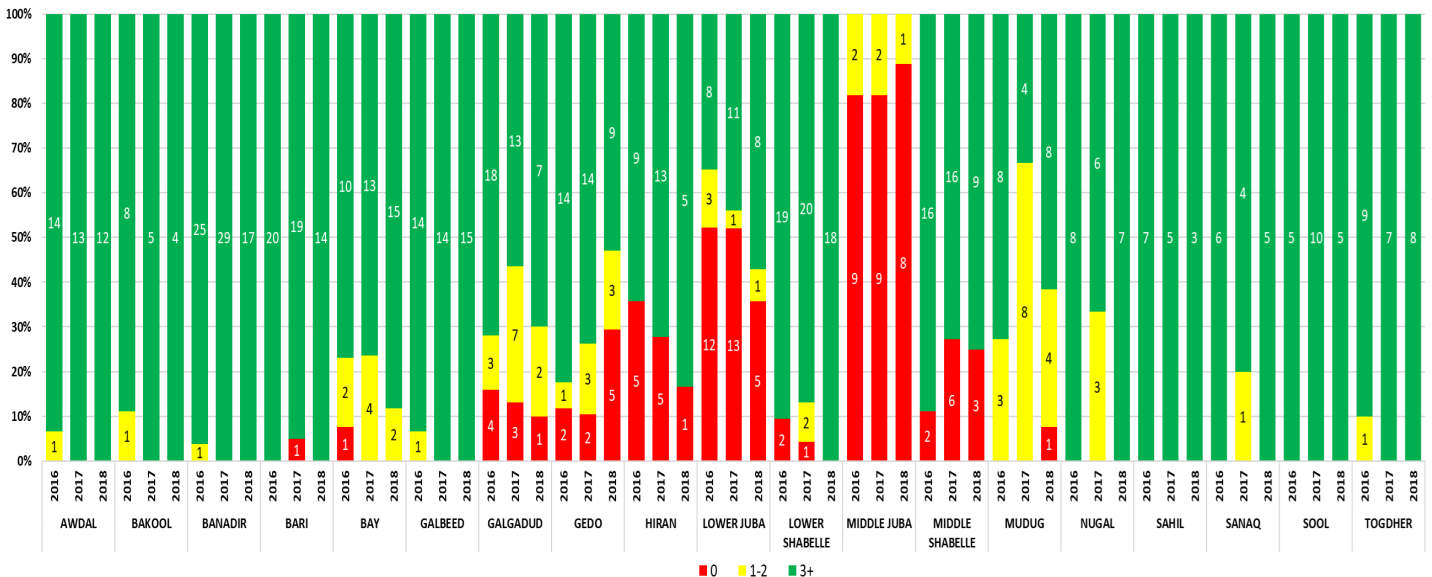
EPI Curve and AFP classification (up to 15 November 2018)



Environmental surveillance by classification, 2017-2018 (up to 15 November 2018)



Vaccination Status (OPV) of Non-polio AFP cases aged 6-59 months by region, 2016-2018 (up to 15 November 2018)



Relevant Links

- [Horn of Africa outbreak response situation report](#)
 - [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](#)
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