


## Situation weekly polio update: week 5 2020


**Horn of Africa Response Outbreak**  
**SITUATION REPORT #2**  
**03 October 2018**



**Situation update**

- Two outbreaks of circulating vaccine-derived poliovirus type 2 (cVDPV2) and type 3 (cVDPV3) are ongoing in the Horn of Africa. The situation has been declared a Public Health Emergency Grade 2 by the World Health Organization.
- Two new cases of cVDPV2 were reported in the last week in Somalia. No new cases of cVDPV3 were reported.
- The total number of human cases of paralytic polio caused by cVDPV2 and 3 is now 10.
- In Somalia, the total number of human cases of cVDPV2 is now 4 and one co-infected, and 34 environmental samples have been isolated. Five human cases of cVDPV3 have been identified, with 10 environmental isolates. One case has been identified with a co-infection of cVDPV2 and cVDPV3.
- In Kenya (Nairobi), one cVDPV2 was isolated in April 2018 in the environmental site; the isolate was genetically linked to cVDPV2s in Somalia, indicating a regional outbreak.

**Distribution of cVDPV2 & cVDPV3 acute flaccid paralysis cases and environmental samples, Horn of Africa, 2017-2018**



**Summary**

Number of new cVDPV2 cases this week: 2  
 Number of new cVDPV3 cases this week: 0  
 Total number of cVDPV2 cases: 4  
 Total number of cVDPV3 cases: 5  
 Total number cVDPV2 contacts: 1  
 Total number cVDPV3 contacts: 3  
 Total number cVDPV3 Healthy Children: 2  
 Total number of co-infection (cVDPV2 & cVDPV3): 1

**Infected country (by region and district):**

Country	District, Region/Country	cVDPV2	cVDPV3	cVDPV2 & cVDPV3
<b>AFP Cases</b>				
Somalia	Bulo Burt, Hirran	0	0	1
Somalia	Wajidhah, Middle Jubala	0	1	0
Somalia	Mahaday, Middle Jubala	0	1	0
Somalia	Dolo, Gedo	1	0	0
Somalia	Dayrta, Banadir	1	0	0
Somalia	Korayo, Lower Juba	2	1	0
<b>Environmental Positives</b>				
Somalia	Mogadishu	13	10	0
Kenya	Nairobi	1	0	0

**Most recent cVDPV2 case (by date of onset)**  
 Location: Kenya, Lower Juba Region  
 Onset of paralysis: 30/08/2018  
 Vaccination status: 2 doses including mOPV2 from the last mOPV2

**Most recent case cVDPV3 (by date of onset)**  
 Location: Kenya, Lower Juba  
 Onset of paralysis: 27 July, 2018, age: 158 months, gender: male  
 Vaccination status: 6 OPV doses /zero IPV

- One new circulating vaccine-derived poliovirus type 2 (cVDPV2) - positive sewage sample has been identified this week from an environmental surveillance (ES) site in Mogadishu, collected on 5 January. This brings the total number of cVDPV2 isolated from ES in 2019 and 2020 to six.
- No new cases of children with cVDPV2 were reported this week. The date of onset of the most recent case of cVDPV2 in a child with acute flaccid paralysis (AFP) was 8 May 2019. A total of three cVDPV2 cases were reported in Somalia in 2019.
- No new circulating vaccine-derived poliovirus type 3 (cVDPV3) - positive cases or environmental samples were identified in 2019 or 2020 to date. The date of onset of the most recent case of cVDPV3 in a child with AFP was 7 September 2.

