

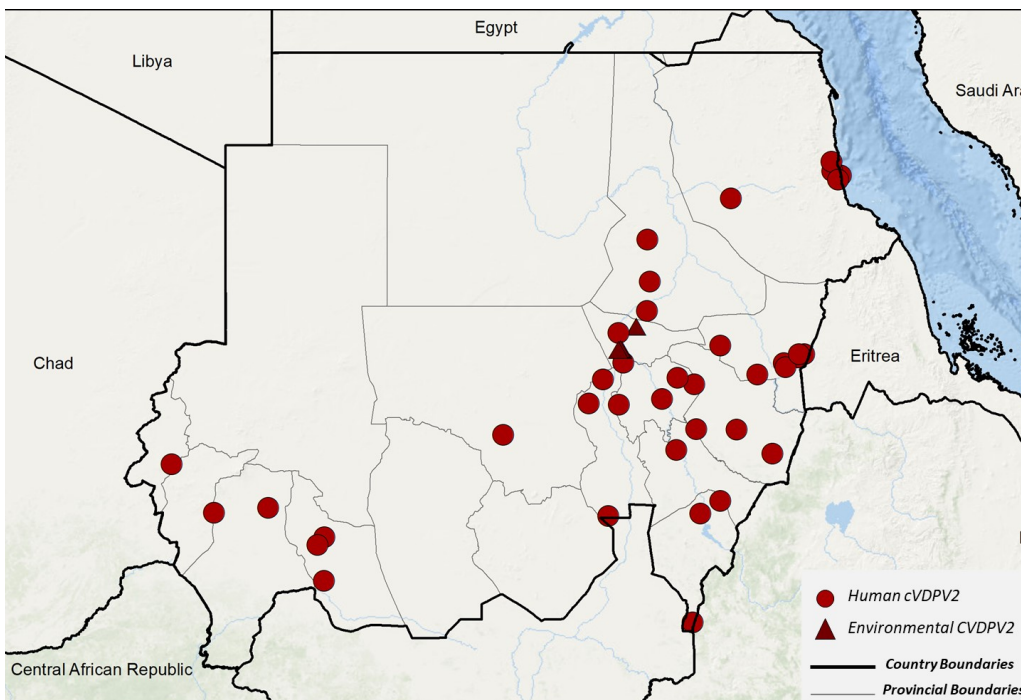
# Sudan cVDPV2 Outbreak Response Situation Report, No. 04 Last Updated: 20 October 2020

Data as of Week 41

## Situation overview

- In total, 39 cases across 13 states have been confirmed in Sudan since the beginning of the outbreak. Three L20B positive cases are currently pending confirmation from the regional reference laboratory.
- The cases have onset of paralysis between 7 March 2020 and 3 September 2020.
- A total of eight environmental samples positive for cVDPV2 have been confirmed so far, all from Khartoum state with most recent collection on 9 August 2020.
- In light of ongoing budget discussions to fill the funding gap for the outbreak response, the first vaccination round in Sudan has been delayed. The new date proposed for the start of the round is 9 November 2020.

## Distribution of circulating vaccine-derived poliovirus type 2 (cVDPV2), Sudan, 2020



### Summary

New cVDPV2 cases this week: 0  
 New cVDPV2 in ES this week: 0  
 Total number of cVDPV2 in ES: 8  
 Outbreak grade: 2

PROVINCE	cVDPV2 cases
BLUE NILE	3
EAST DARFUR	3
GEDARIF	3
GEZIRA	4
KASSALA	8
KHARTOUM	2
RED SEA	5
RIVER NILE	3
SOUTH DARFUR	2
WEST DARFUR	1
WHITE NILE	3
SENNAR	1
NORTH KORDOFAN	1
<b>TOTAL SUDAN</b>	<b>39</b>

Data source: EMR/POL, as of week 41. Map: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

## Campaign financing

- Urgent discussions are continuing between the Federal Ministry of Health, and all levels of UNICEF and WHO, to fill the funding gap for the outbreak response.

## Immunization activities

- The first round of vaccination as part of the outbreak response in Sudan has been delayed until November (date to be determined). . The current plan is to vaccinate 8.6 million children under five twice in all 18 states of the country, using mOPV2 vaccine.
- The polio programme is adapting preparedness activity timelines for the first vaccination round, in light of the delay.
- On 20 October, a delivery of PPE was received for use during the campaign. Protective face masks are already being stored in a UNICEF warehouse in Sudan for use by vaccinators.
- Cascade training to pass on knowledge about polio and the benefits of vaccination is scheduled to begin in the coming weeks.
- The Sudan focal point from the WHO Eastern Mediterranean Regional Office has arrived in country to support budget finalisation and campaign preparations.

### Index case

Onset of paralysis: 7 March 2020

Location: Kas district, South Darfur

Age: 48 months

Vaccination status: 1 OPV dose

### Most recent case

Onset of paralysis: 6 September 2020

Location: Elrussirs locality, Blue Nile

Age: 39 months

Vaccination status: 5 OPV doses

### Immunization response

Two national SIAs rounds are planned.

### Characteristics of the cVDPV2 cases

Median age: 33 months, Range: 9 - 141

Gender ratio male-female: 1:1.8

Vaccination status of the cases: 0 OPV dose: 6 (15.4%), 1-3 OPV doses: 7 (17.9%), 4-6 OPV doses: 20 (51.3%), 7+ OPV doses: 6 (15.4%).

IPV: 14% N/A because the age is above 5 years, 17% had one dose, 69% had no IPV dose.

### Vaccine management

- Supplies required for the collection of vaccine vials will be received this week.
- SOPs, guidelines and forms regarding vaccine management have been finalized and sent for printing.
- National vaccine management surge has been selected and the enrollment process started.

### Disease surveillance

- The Sudan polio programme reported 22 new acute flaccid paralysis (AFP) cases in week 41. The total number of reported AFP cases in week 41 was 513, of which 405 cases (79%) were discarded as non-polio AFP cases, 69 cases (13.5%) were pending classification and 39 cases are confirmed cVDPV2 (7.6%).
- 3 L20B positive isolates are currently pending confirmation from the regional reference laboratory.
- Sudan's annual Non Polio AFP rate is 3.4 per 100,000 under 15 years. It is 3+ in 13 states, between 2-3 in 5 states and the adequacy rate is 94%.

### Communications and C4D (Communications for Development)

- Teams plan to promote World Polio Day on 24 October.
- The WHO Country Office and Regional Office communications teams are working together to onboard a photographer and videographer for the first and second rounds of the vaccination campaign.
- Training cascades at states will soon be initiated with the support of Federal supervisors.
- UNICEF continues its technical support to the Federal Health Promotion Directorate (FHPD) with planning polio communication and social mobilization activities. Key campaign messages, training and communication materials have been prepared and approved by the Technical Committee. The production of the materials is underway.
- Training of Health Promotion Specialists from the eighteen states took place on 12 – 13 October. The training focused on developing knowledge and skills required for cascading training at subnational levels as well as social mobilization microplanning, campaign information and messages, responsibilities, and monitoring and reporting for community engagement activities.
- The FHPD is now planning the implementation of the subsequent training sessions for social mobilisers and social mobilization supervisors at subnational level.
- UNICEF continues strengthening FHPD capacities in monitoring social media and media for misinformation and rumors. International and national surge C4D consultants are being recruited to support coordination and implementation of communication activities of the government and non-government partners.

Fig.2 cVDPV2 cases by month of onset Sudan, 2020

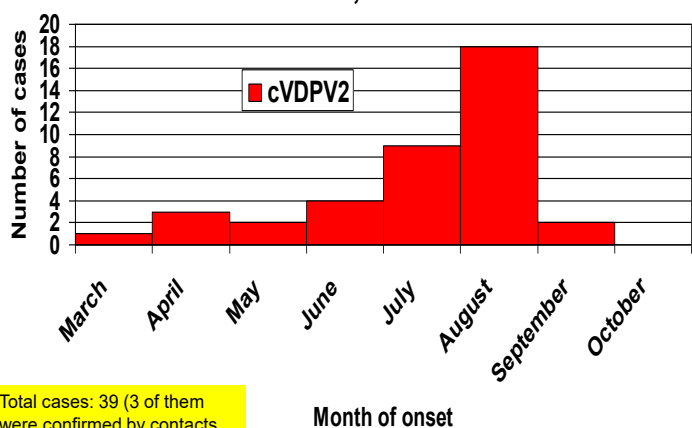
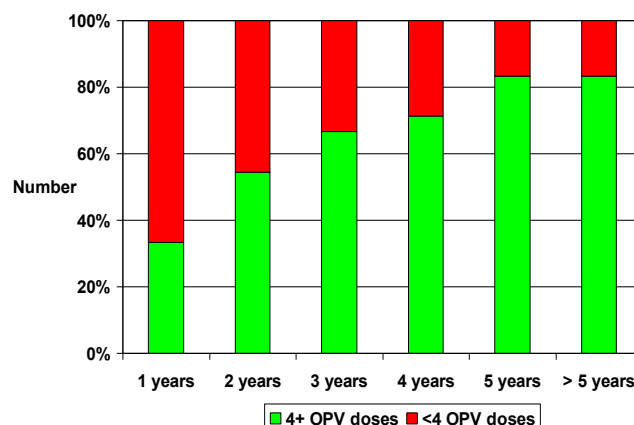
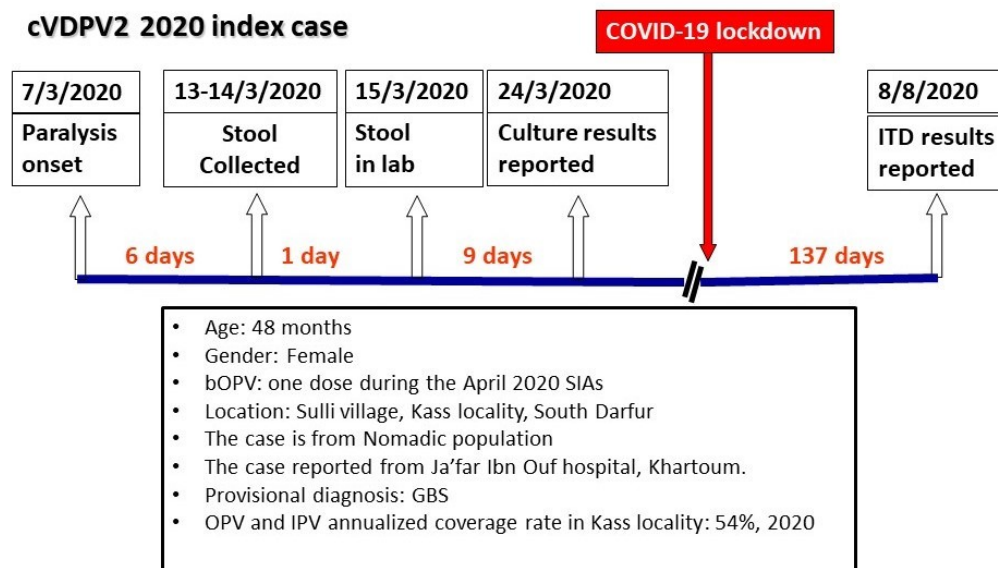


Fig. 8 % Distribution of cVDPV2 cases by age and OPV, Sudan, 2020



## cVDPV2 2020 index case



### Relevant Links

- [Global Polio Eradication Initiative \(GPEI\) website](#)
- [GPEI factsheet—VDPV](#)
- [Vaccine-derived polioviruses video](#)
- [What is vaccine-derived polio?](#)

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