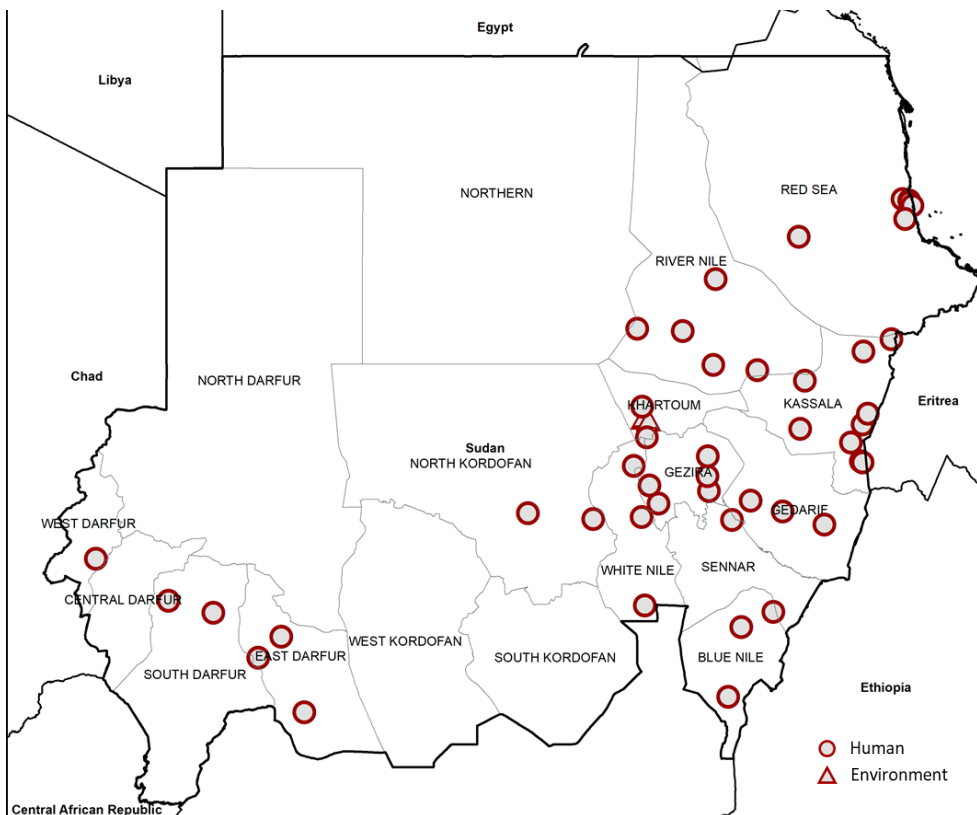


**Situation overview**

- Five new cases of cVDPV2 have been confirmed in Sudan, taking the total number of children paralysed to 44 from 13 states. Of the five new cVDPV2 cases, two were reported from Kassala state and one case each was reported from Gezira state, River Nile state and Red Sea state. Dates of onset vary between 17 - 30 September 2020.
- Three new positive environmental samples have been reported, taking the total number of positive samples to 11, all from environmental sampling sites in Khartoum State. The three new samples were collected during September.
- One new cVDPV2 contact of a positive case has been reported from Gezira state, taking the total number of positive contacts to 12. One PV2 case and three contacts are still pending at the Regional Reference Laboratory.
- A first round of outbreak response is planned to begin on 28 November. Vaccinators aim to reach 8.6 million children under five in all 18 states of the country, using mOPV2 vaccine. A second vaccination round is planned for December.

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



**Summary**

New cVDPV2 cases this week: 5  
 New cVDPV2 contacts this week: 1  
 New cVDPV2 in ES this week: 3  
 Outbreak grade: 2

PROVINCE	cVDPV2 cases
Blue Nile	3
East Darfur	3
Gedarif	3
Gezira	5
Kassala	10
Khartoum	2
Red Sea	6
River Nile	4
South Darfur	2
West Darfur	1
White Nile	3
Sennar	1
North Kordofan	1
<b>Total Sudan</b>	<b>44</b>

Data source: EMR/POL, as of week 45.

**Immunization activities**

- Clashes in Ethiopia’s Tigray region have forced an estimated 20,000 people to flee to Sudan in the past two weeks. More refugees are expected to cross over into the country. Sudan’s EPI has mobilized to provide polio vaccinations alongside other routine vaccinations, and UNICEF, WHO and UNHCR are working with the FMOH to ensure all new arrivals to Kassala and Gedarif states under the age of five years are included in the operational plan for the upcoming campaign.
- A plan to vaccinate hard-to-reach populations in Blue Nile, South Kordofan and North Kordofan is in the process of being finalized.
- The availability of fuel and the increased cost of transportation remains a key operational challenge. At national and state levels, efforts continue to procure additional support from humanitarian partners and agencies for transportation during the campaign. During the most recent meeting of the health cluster, an additional 100 vehicles were pledged thanks to the generosity of partners.

### First reported 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: 30 September

Location: Port Sudan locality, Red Sea state

Age: 156 months

Vaccination status: 5 OPV doses

### Immunization response

Two national SIAs rounds are planned.

### Characteristics of the cVDPV2 cases

Median age: 36 months, Range: 9 - 156  
Gender ratio male-female: 1:1.4

Vaccination status of the cases: 0 OPV dose: 8 (18.2%), 1-3 OPV doses: 7

(15.9%), 4-6 OPV doses: 23 (52.3%), 7+

OPV doses: 6 (13.6%).

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

### Vaccine management

- mOPV and other campaign supplies have been released to all states ahead of the campaign.
- State level Training of Trainers (TOTs) sessions have been completed in all states and cascaded trainings started despite delayed funds.
- UNICEF CO monitoring teams have been identified and will start moving to the states ahead of the campaign alongside Health and C4D teams in Field Offices.

### Communications and C4D (Communications for Development)

- UNICEF and WHO are supporting the Ministry of Health with last minute communication preparations for the campaign.
- A crisis communication plan has been circulated for finalization.
- A Facebook live event with an expert from the UNICEF Health Team is planned to answer questions about the campaign.
- UNICEF continues to build partnerships for community engagement with the Sudan Ministry of Health and Sudanese Red Crescent Society (SRCS). 3000 SRCS volunteer community mobilizers will support health promotion activities for the first round.
- All materials on the campaign and overall response can be accessed via the [UNICEF](#) and [WHO](#) websites.
- UNICEF has continued technical support to cascade training of community mobilizers on polio outbreak response. TOT training finalized in all states and community level mobilizers/town criers training will continue once the campaign date officially confirmed from MoH; the training will be given 2 days before the campaign start.
- During the reporting period, the Health Promotion Department briefed National TV and Radio on the preparations for the coming polio vaccination campaign and the expected support from media. National TV and Radio expressed support for the polio vaccination campaign and pledged to air campaign activities.

### Cross-border collaboration

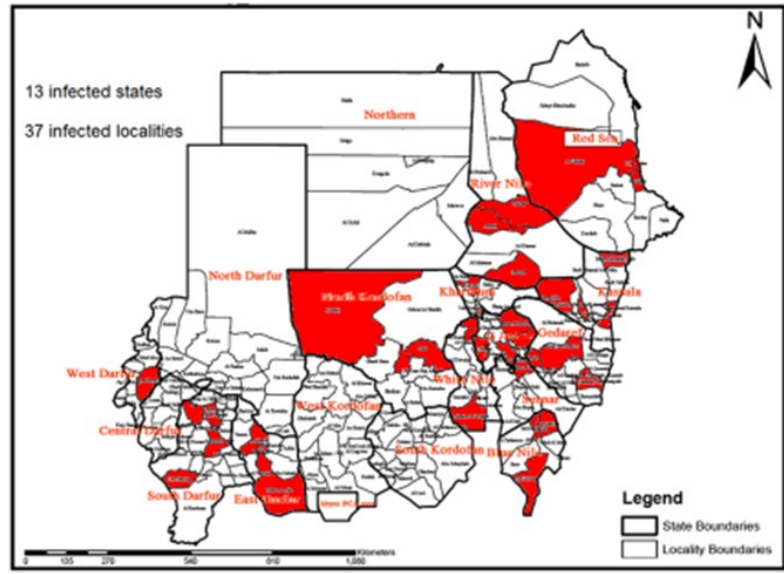
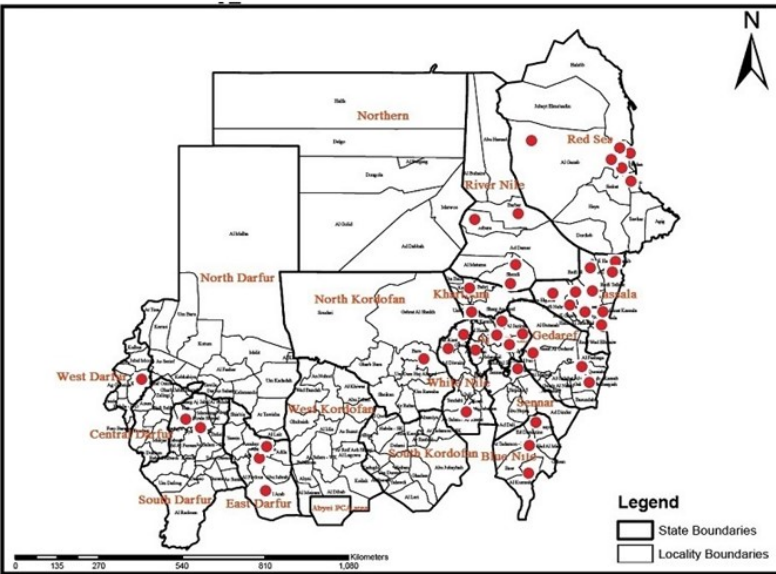
- The monthly cross-border coordination meeting among EPI Managers of Sudan, South Sudan and Chad went ahead on 10 November. Amongst other agenda items, the teams agreed to continue activities among government counterparts at national and field levels to strengthen AFP surveillance and polio immunization coverage, as well as enhancing routine immunization.
- The teams agreed on monthly calls on alternate schedule, the next call will be organized by South Sudan.

### Disease surveillance

- The Sudan country programme reported 10 new AFP cases in this week. The total number of all reported AFP cases is 599 of which 479 cases (80%) were discarded as non-polio AFP cases, 76 cases (12.7%) are pending classification and 44 are cVDPV2 confirmed cases (7.3%).
- PV2 viruses were from one case and 3 contacts are pending sequencing results.
- Sudan annualized non-polio AFP rate is 3.6 per 100 000 under 15 years children: It is 3+ in 15 states, and between 2 and <3 in 3 states. Stool specimen adequacy rate is 93.2%.

Total cVDPV2 cases by locality, Sudan 2020

cVDPV2 infected localities, Sudan 2020



**Relevant Links**

- [Global Polio Eradication Initiative \(GPEI\) website](#)
- [GPEI factsheet—VDPV](#)

- [Vaccine-derived polioviruses video](#)
- [What is vaccine-derived polio?](#)

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