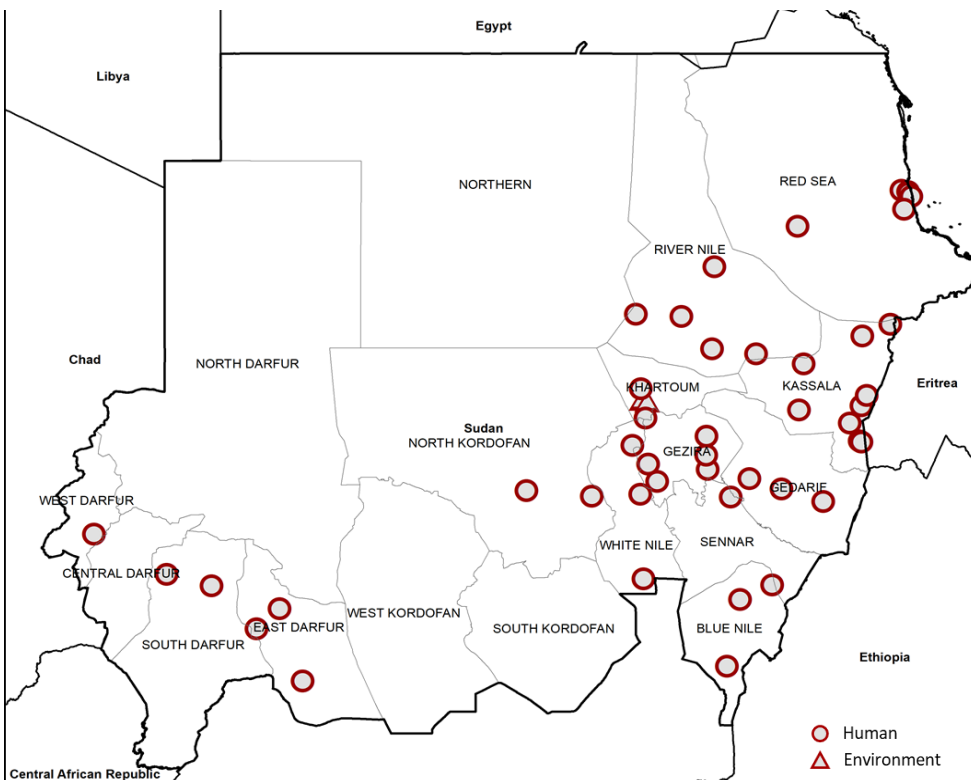


Situation overview

- No new cases of cVDPV2 were reported in week 47. The total number of children paralysed by the virus remains 46 from 13 states. The most recent case detected had onset of paralysis on 5 October 2020, in North Korfodan state.
- Eleven cVDPV2-positive environmental samples have been detected since the beginning of the outbreak, all from environmental sampling sites in Khartoum State.
- No new positive cVDPV2 contacts were reported in week 47. The total number of positive contacts is 14 and 4 positive healthy children.
- The national polio laboratory has reported two new L20B positives isolated from two AFP cases from Khartoum and Red Sea states.
- The first round of outbreak response SIAs went ahead from 28 November - 1 December. Vaccinators aimed to reach 8.6 million children under five in all 18 states of the country, using mOPV2 vaccine. A daily brief on successes and challenges was shared with concerned offices.

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



Summary

New cVDPV2 cases this week: 0
 New cVDPV2 contacts this week: 0
 New cVDPV2 in ES this week: 0
 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	5
South Darfur	2
West Darfur	1
White Nile	3
Sennar	1
North Kordofan	2
Total Sudan	46

Data source: Sudan MOH, as of week 47.

Immunization activities

- The campaign has concluded in all states of Sudan with a few exceptions mainly in South Kordofan.
- The coverage will be shared in the next brief. The reports in some states are incomplete because the teams are still in the field and in places where the communication facilities are limited.
- No major issues have been reported concerning the retrieval of mOPV2 vials.
- Several challenges meant that social mobilization activities were not as strong as planned. To overcome this, the teams tried to find alternative ways to alert the communities to the campaigns.
- There were excellent efforts to overcome vaccine hesitancy.
- Independent Monitoring started on the fifth day of the campaign and will continue for two days.



A child living in a camp for internally displaced persons has her finger marked after vaccination. ©Mohamad Dawod Mohamed/WHO Sudan

First reported case

Onset of paralysis: 7 March 2020

Location: Kas district, South Darfur

Age: 48 months

Sex: Female

Vaccination status: 1 OPV dose

Most recent case

Onset of paralysis: 5 October 2020

Location: Bara locality, North Kordofan state

Age: 31 months

Sex: Male

Vaccination status: 7 OPV doses

Immunization response

One national SIA rounds is complete. A second round is scheduled to go ahead in end December/early January.

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 (17.4%), 1-3 OPV doses: 8 (17.4%), 4-6 OPV doses: 23 (50.0%), 7+ OPV doses: 7 (15.2%).

IPV: 15% N/A because the age is above 5 years, 15% had one dose, 70% had no IPV dose.

Vaccine management

- No major issues have been reported in vaccine management.
- A few incidents of vaccination stock out have been reported, but these were resolved swiftly.
- Collection and destruction of used vaccine vials is ongoing in the states.

Communications and C4D (Communications for Development)

- All materials on the campaign and overall response can be accessed via the [UNICEF](#) and [WHO](#) websites and social media platforms.
- Advertisements to build vaccine trust and target rumours were broadcast successfully during the campaign. In addition, television and radio channels were used to promote the campaign.
- Megaphones and sound systems were used at a local level to announce the ongoing vaccination activity.
- BBC Arabic broadcast a segment on the campaign and efforts to close the outbreak.
- Ahead of the campaign, the C4D team worked closely with the MoH Health Promotion team to make sure that the DCT for megaphone rent was signed and money disbursed to states in time. The team also worked on supervision of pre-campaign activities, displaying of banners, supporting the campaign launch events and supporting arrangements for a joint press conference.

Disease surveillance

- The Sudan country programme reported 16 new AFP cases this week. The total number of all reported AFP cases in 2020 is 636. Of these, 501 cases (78.8%) were discarded as non-polio AFP cases, 89 cases (14%) are pending classification and 46 (7.2%) were cVDPV2 confirmed cases.
- The annualized NP AFP rate is 3.6 per 100 000 under 15 years children: It is 3+ in 14 states and between 2 and 3 in 4 states. The stool specimens adequacy rate is 93.2%.

Relevant Links

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



Vaccinators provide polio vaccines and knock on doors in Khartoum city on the first day of the campaign. ©Mohamad Dawod Mohamed/WHO Sudan

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