

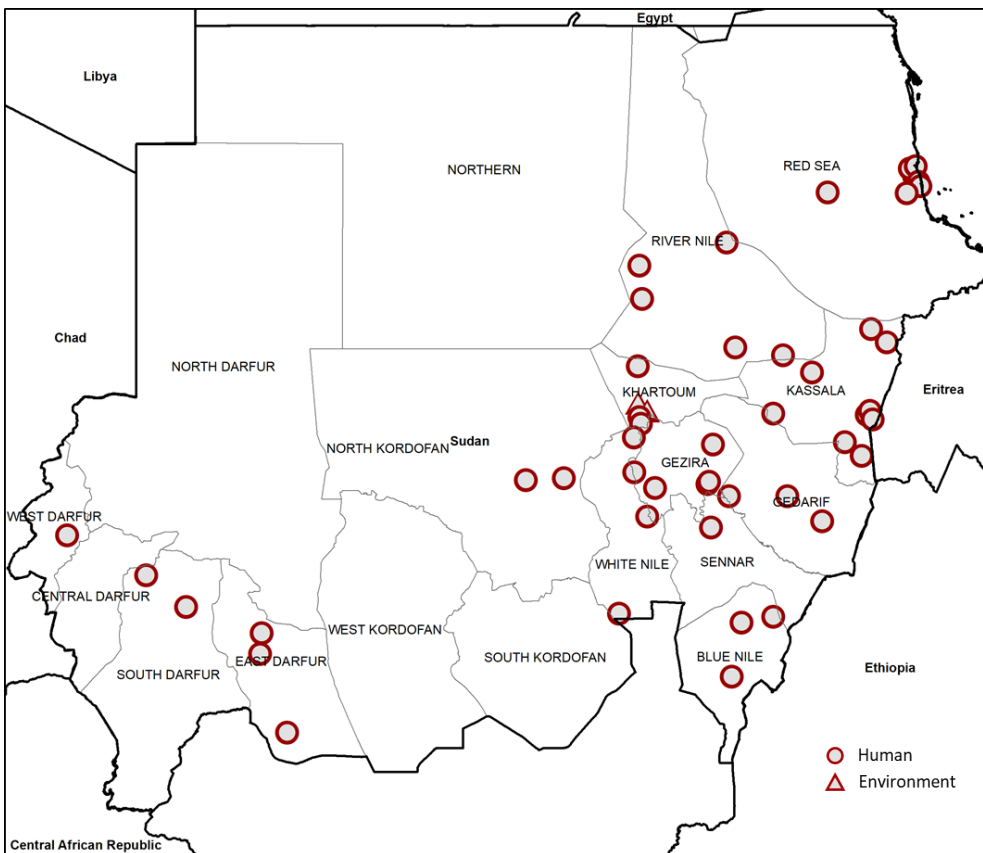
Sudan cVDPV2 Outbreak Response Situation Report, No. 11 *Last Updated: 13 December 2020*

Data as of Week 48

Situation overview

- Two new cases of cVDPV2 were reported in week 48, bringing the total number of children paralysed by the virus to 48 from 13 states. One case, a female child aged 45 months from Red Sea state, had onset of paralysis on 21 October 2020. The second case, a male child aged 15 months from Khartoum state, had onset of paralysis on 24 October 2020.
- 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 48. The total number of positive contacts is 14.
- A second round of vaccination as part of outbreak response is planned to go ahead in January.

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



Summary

New cVDPV2 cases this week: 2
 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	3
Red Sea	7
River Nile	5
South Darfur	2
West Darfur	1
White Nile	3
Sennar	1
North Kordofan	2
Total Sudan	48

Data source: Sudan MOH, as of week 48.

Immunization activities

- Most of the states have finished compiling the administrative data of vaccinated children. The available data suggests an overall 98% coverage rate of children under five. Coverage rate differs by state, ranging from 91.2% in Khartoum to 107.2% in Blue Nile. Further details can be seen in a graph on page three.
- Independent coverage data is still being processed.
- The polio programme conducted a post-campaign evaluation meeting for all states between 12 - 14 December 2020. During the meeting the states and federal teams reviewed the achievements, challenges and innovative solutions applied to implement the campaign. A summary of this meeting and lessons learnt will be shared in a subsequent situation report.



A vaccinator delivers polio drops to a child during the first round of vaccination from 28 November — 1 December 2020. ©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: 24 October 2020

Location: Gabal Awlya locality, Khartoum state

Age: 15 months

Sex: Male

Vaccination status: 1 OPV dose

Immunization response

One national SIA rounds is complete. A second round is scheduled to go ahead in 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 (16.7%), 1-3 OPV doses: 8 (16.7%), 4-6 OPV doses: 24 (50.0%), 7+ OPV doses: 8 (16.6%).

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

Immunization activities cont.

- The campaign was implemented in all localities of all 18 states, except in some parts of two gap areas in Kordofan and Blue Nile states.
- Ethiopian refugees in Kassala and Gedarfif were also vaccinated with mOPV2, with UNICEF supporting the operational cost.
- Ulu area in Blue Nile state was reached after 11 years of inaccessibility. 2,799 children less than 5 years of age were vaccinated with mOPV2.
- Many children who had missed out on or whose parents had refused the vaccine were reached during mop-up activities.
- Use of PPE was good, and mOPV2 management practices very good.
- Key challenges included the availability of fuel and the low quality training of some team leaders and vaccinators. In the second round, training will be closely supervised and monitored by FMOH, WHO and UNICEF to ensure that vaccinators and team leaders have the practical skills required for the campaign.
- In all states the vaccine retrieval process is complete, and in many states the final disposal of open vials of mOPV2 has also been completed under the supervision of the vaccine disposal committee.

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.
- A campaign kickoff event was conducted in every state on 28 November.
- There was media coverage throughout the campaign with frequent message announcements. In Khartoum, there were no announcements for the first two days due to a period of national mourning.
- Intra-campaign social mobilization monitoring continued through the campaign. Although social mobilization was generally good, there were few activities in some localities, and in some villages activities started late.
- Rumours reported in some states were mainly related to fear of COVID-19 and fear of the vaccine itself. Most rumours were resolved by the teams, with trust-building committees used in each state to resolve more challenging issues.
- There were significant megaphone gaps in some critical areas, such as East Dafur. The teams are looking at options to ensure this gap is filled for the next campaign.

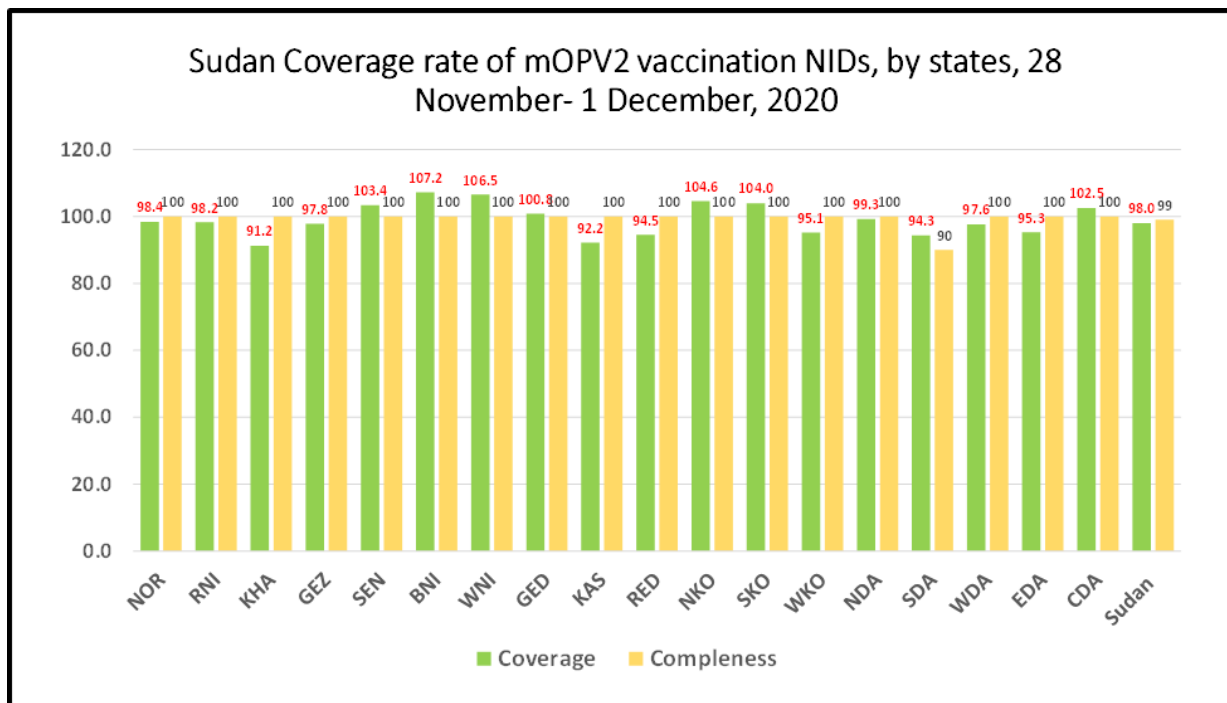
Read: [Sudan Polio Campaign reaches children in inaccessible areas for the first time in 10 years](#)



Vaccinators examine a microplan showing houses to visit during the first campaign. ©Mohamad Dawod Mohamed/WHO Sudan



Field supervision in Khartoum state Umbeda locality. ©UNICEF Sudan



Disease surveillance

- Sudan country programme reported 23 new AFP cases this week. The total number of all reported AFP cases in 2020 is 659, of which 575 cases (87.3%) have been discarded as non-polio AFP cases, 36 cases (5.5%) are pending classification and 48 (7.2%) are cVDPV2 confirmed cases.
- Annualized NP AFP rate is 3.7 per 100 000 children under 15 years of age. It is 3+ in 15 states and between 2 and < 3 in 3 states. The stool specimen adequacy rate is 94%.

Relevant Links

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

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