

Sudan cVDPV2 Outbreak Response Situation Report, No. 15 Last Updated: 5 February 2021

Data as of Week 5

Situation overview

- Twenty Three new AFP cases had been reported during week 5. The total number of all reported AFP cases is 57 and are pending classification.
- Sudan annualized Non-polio AFP rate is 3.2 per 100 000 under 15 years children. Stool adequacy rate is 98%.
- The NPL didn't report new L20B isolates during week 5.
- Environmental surveillance reported the collection of 5 samples during January of which 3 are L20B positive and 2 are under process.

Distribution of circulating vaccine-derived poliovirus type 2 (cVDPV2), Sudan, 2020-2021



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 | 4 |
| East Darfur | 3 |
| Gedarif | 3 |
| Gezira | 5 |
| Kassala | 11 |
| Khartoum | 4 |
| North Darfur | 1 |
| North Kordofan | 3 |
| Red Sea | 8 |
| River Nile | 5 |
| Sennar | 1 |
| South Darfur | 2 |
| South Kordofan | 2 |
| West Darfur | 1 |
| White Nile | 3 |
| Total Sudan | 56 |

Data source: Sudan MOH, as of week 5

mOPV2 containment campaign:

- The second round of mOPV2-Vit-A outbreak response NIDs had been successfully implemented reporting mOPV2 100% and Vit A 99% national coverage.
- 8,242,286 child had been vaccinated during the second outbreak response NIDs include refugees and IDPs in Gadarif, White Nile, Darfur, Kordofan and Blue Nile states.
- West Darfur had not implemented the NIDs because of security issues . The technical committee of the state decided to implement the NIDs on 22nd February; the total under five target of the state is 312,000 children.
- Data on independent monitoring has been collected from all 17 states and will be endorse by National Technical Committee meeting.



A child is vaccinated in Khartoum during the second vaccination campaign. WHO/Sudan.

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

The onset of paralysis: 03 December 2020

Location: North Darfur state, **Kotum** Locality

Age: **30** months

Vaccination status: **5** OPV doses

Immunization response

Frist NIDs implemented 28 Nov 2020 and second implemented 25 January 2021.

Characteristics of the cVDPV2 cases

Median age: 37.35 months,

Range: 7 - 156

Gender ratio male-female: **1:1.6**

Vaccination status of the cases:

0 OPV dose: **9 (16%)**, 1-3 OPV doses:

12 (21.4%), 4-6 OPV doses: **25**

(44.6%), 7+ OPV doses: **10 (17.8%)**.

IPV: **12.5% N/A** because the age is

above 5 years, **20%** had one dose,

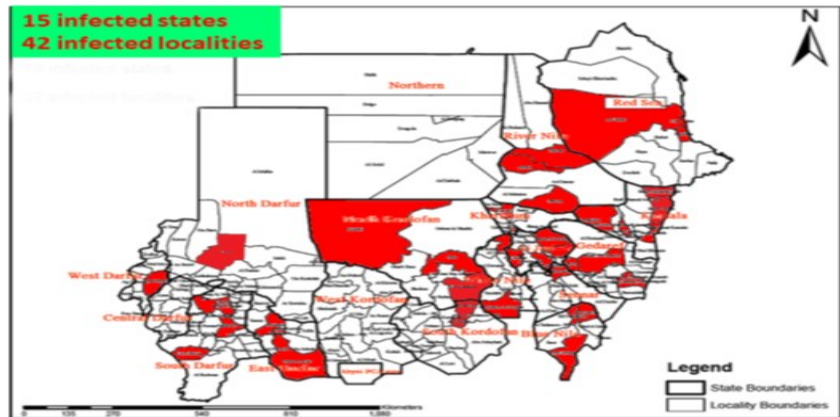
67.5% had no IPV dose.

Vaccine management:

- Vaccine recall from the field as well as disposal process started immediately after completion of the campaign and final disposal reports will be received next week
- Vaccine management consultants supported precampaign preparation, as well as implementation with focus on mOPV2 management during campaign and currently supporting vaccine recall and disposal process.

Communications and C4D (Communications for Development):

- Pre-campaign activities were very well organized and conducted in all 17 states, which resulted in a smooth kick off campaign.
- Generally population was aware about the polio vaccination campaign, commonly mentioned source of information (Radio, TV and megaphone and in Khartoum Social media played a vital role in creating awareness).
- No rigid refusals faced during campaign implementation, mainly refusals were due to lack of IPC skills of vaccinators and Social mobilizers.
- Proper refusal handling system was in place due the lesson learnt from Round-1.
- Supervisors from States, Federal EPI, Federal HP and WHO & UNICEF were in the field.
- All materials on the campaign and overall response can be accessed via the UNICEF polio campaign dedicated page and WHO websites.



Relevant Links

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

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