

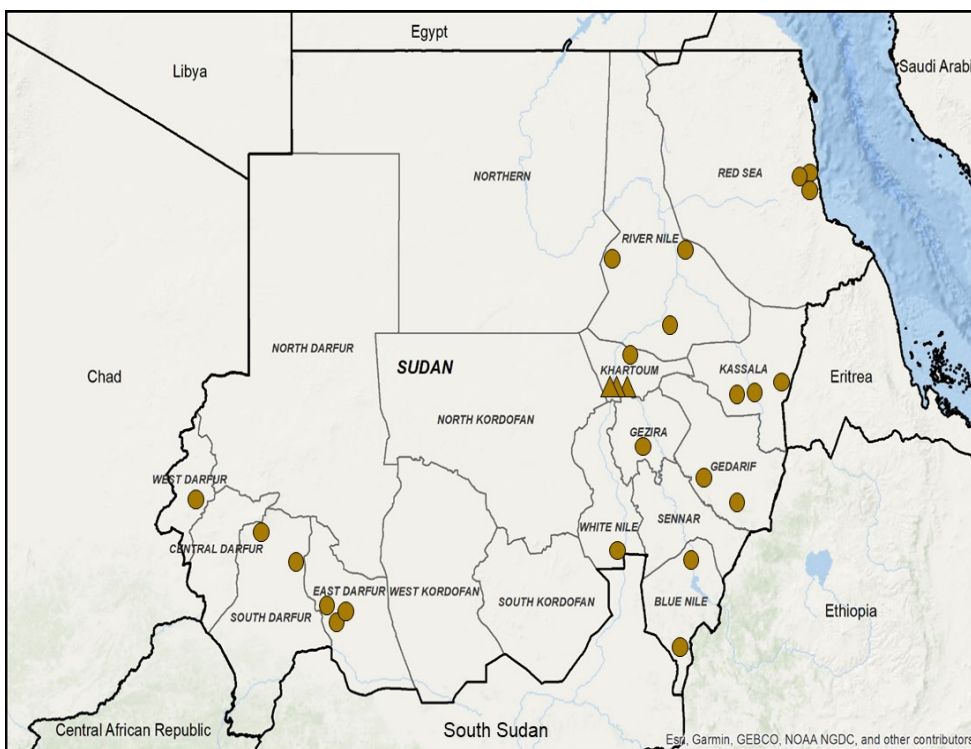
Sudan cVDPV2 Outbreak Response Situation Report, Week 39

Last Updated: 28 September 2020

Situation overview

- 23 cases of vaccine-derived poliovirus type 2 (cVDPV2) have been detected in Sudan. A total of 11 states are affected, indicating widespread circulation of virus.
- The cases have onset of paralysis between 07 March 2020 and 18 August 2020.
- A total of nine environmental samples positive for cVDPV2 have been detected so far, all from Khartoum state with most recent collection on 9 August 2020.
- The outbreak in Sudan is related to an outbreak of cVDPV2 in the eastern part of Chad.
- Planning is ongoing for the first round of outbreak response campaign October. The current plan is to vaccinate 8.6 million children under five twice in all 18 states of the country, using mOPV2 vaccine during October-November.
- More than 826,300 people are affected by flooding across Sudan's 18 states, with at least 74,654 homes destroyed. This is likely to have implications on the campaign quality. Hygiene and sanitary levels have dropped due to flooded drainage systems and contaminated water supplies, raising the likelihood of disease spread. (source: OCHA, 22 September 2020)

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



Summary

New cVDPV2 cases this week: 0

PROVINCE	cVDPV2 cases
BLUE NILE	2
EAST DARFUR	3
GEDARIF	2
GEZIRA	1
KASSALA	3
KHARTOUM	1
RED SEA	4
RIVER NILE	3
SOUTH DARFUR	2
WEST DARFUR	1
WHITE NILE	1
TOTAL SUDAN	23

Data source: EMR/POL, as of week 39. Map: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Immunization activities

- Coordination continues between the Government, and country office, regional office and HQ levels of WHO and UNICEF in order to plan and facilitate a large scale outbreak response.
- Phase 1 of an Inactivated Polio Vaccine (IPV) campaign was held in the four states of Khartoum, River Nile, Northern and White Nile between 16-23 September. The targeted children were born between June 2016 to Dec 2017. Five states were not able to conduct IPV during phase 1 due to the rainy season and flood emergency in Sudan.
- Raising routine immunization levels through vaccination with IPV is a critical part of closing the population immunity gap and providing lasting protection to children against polio. The second round of routine acceleration in 109 low performing localities (13 states) started this week.

Disease surveillance

- Sudan annualized Non-polio AFP rate is 3 per 100 000 under 15 years children: It was 3+ in 11 states, between 2 and 3 in 7 states and no states had a rate of less than 2. The stool specimens adequacy rate was 94%.
- The Sudan polio programme reported 59 new acute flaccid paralysis (AFP) cases in week 37. Samples from 8 contacts and 25 healthy children were collected. The total number of reported AFP cases in week 37 was 393, of which 288 cases (73%) had been discarded as non-polio AFP cases, 82 cases (21%) were pending classification and 23 cases are cVDPV2 (6%).
- A weekly supplementary report from 11 priority states has been launched. From 20 June to date, a total of 476 active surveillance visits and 146 supervisory surveillance visits have been conducted in these states. In addition, 1236 surveillance workers have been trained.

Vaccine management

- Two international technical surge support personnel have been deployed to Sudan to support campaign readiness and implementation.
- 10 million doses of mOPV2 vaccine are scheduled to arrive on the 1st October for the first round of the polio outbreak response campaign.

Communications and C4D (Communications for Development)

- Coordinated Communication and Social Mobilization activities have been organized jointly between the Health Promotion Department of the Federal Ministry of Health, WHO and UNICEF.
- To mark the arrival of 10 million doses of polio vaccine in the country ready for the campaign, WHO and UNICEF will release a joint press release.
- International C4D surge staff have arrived in Sudan to provide technical support to the Polio Outbreak Technical Committee in finalizing the response budget, finalizing guidelines and operational procedures and reviewing communication materials and a health promoters training manual.
- Recruitment of social mobilizers in all 18 states is ongoing. The social mobilizers' training, which mainly aims to enhance personal communication skills and convey key messages on polio to give to caregivers and other stakeholders is planned for early October.
- C4D and health promotion officers across Sudan are meeting on weekly basis to enhance coordination of the social mobilization activities associated with the polio outbreak response.
- Sudanese Red Crescent Society agreed to provide human resource to support social mobilization activities through its large volunteer network across Sudan. UNICEF, SRCS and HP will sign a memorandum of understanding to serve that purpose.
- Rapid Assessment data has been collected in nine states. The data was analyzed and the outcome of the assessment will inform the communication and social development interventions associated with the polio outbreak response.

Relevant Links

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

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