

Sudan cVDPV2 Outbreak Response Situation Report, No. 20 Last Updated: 30th April 2021
Data as of Week 17

Situation Overview:

- The National Immunization Technical Advisory Group (NITAG) meeting held on 4th April 2021 to adopt the introduction of the novel Oral Polio Vaccine type 2 (nOPV2) decided to defer the decision of recommending its use for outbreak response till the end of the initial use period. It is expected that by that time, more data will be available from nOPV2 rollout countries in Africa will be available on safety, adverse effects, and logistical challenges.
- The joint campaign for IPV and Yellow Fever vaccines implemented in Red Sea, Kassala and Gedarif states. Target children were 9 months to less than 6 years for Yellow Fever and the missed cohort during the global shortage of IPV 2016-2017.
- Red Sea implemented the campaign in all localities 28-03-2021 to 01-04-2021. The Yellow Fever vaccine targeted 157,967 and IPV 35,553 children. Coverage for IPV and Yellow fever was reported 101.4% and 98% respectively. Kassala state implemented the campaign at all 11 localities 23 to 28 March 2021. The Yellow Fever targeted 427,756 and IPV 106,543 children. Coverage for IPV and Yellow fever was reported 91.8% and 87.7% respectively.
- The IPV and YF campaign implemented in Gedarif state from 25 to 30 April 2021, YF vaccination targeted 510,312 children in the age from 9 month up to 6 years and achieved 493,381 representative 97 % from the target. IPV vaccination targeted 143,091 children and 136,570 from them were vaccinated representative 95.4% from total target.
- The total AFP cases up to week 17 are 189, out of Them 170 were discarded as Non-Polio AFP cases, and 19 cases pending classification Sudan annualized Non-polio AFP rate is 3 per 100 000 under 15 years children. Stool adequacy rate is 95%.
- The NPL did not report new L20B positive during week 17.

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	2
North Kordofan	3
Red Sea	8
River Nile	5
Sennar	1
South Darfur	3
South Kordofan	2
West Darfur	1
White Nile	3
Total Sudan	58

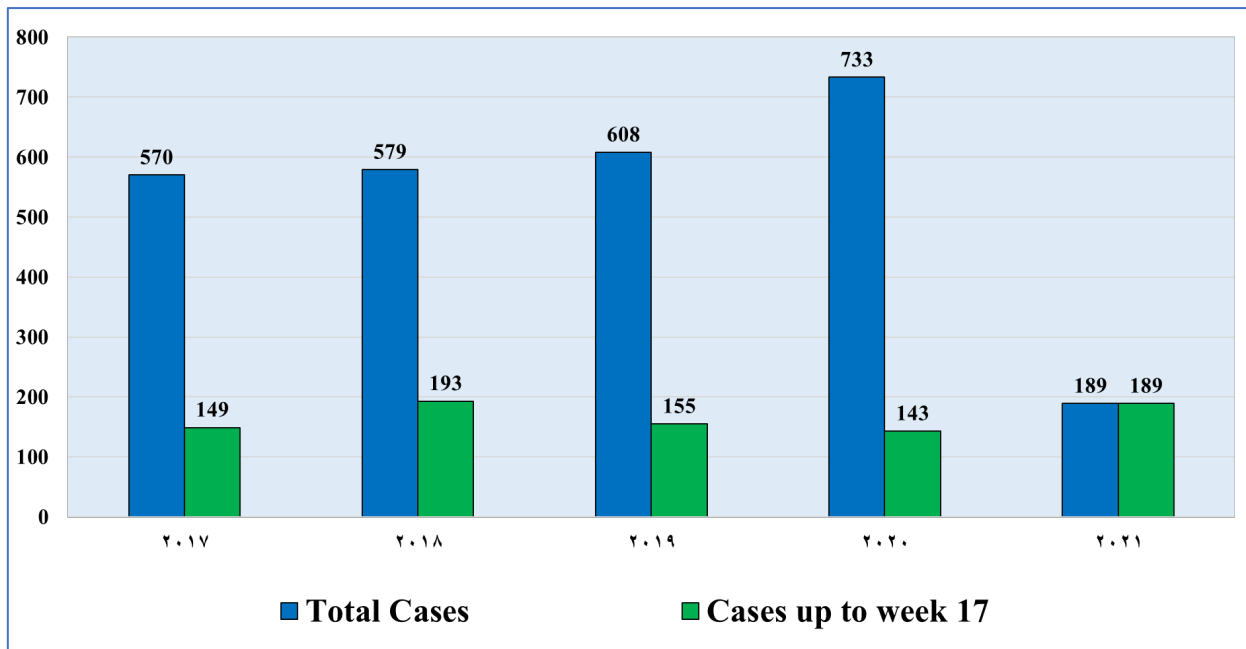
mOPV2 containment campaign:

- Sudan country program implemented two rounds of National Immunization Days (NIDs) used monovalent Oral Polio Vaccine type 2 (mOPV2) November 2020 and January 2021 respectively.
- Each round targeted 8.45 million children under five in 18 states of the country. The national coverage for independent monitoring data is 96% from November 2020 and 95% for January 2021 rounds.

Vaccine Management:

- There is continual monitoring of vaccines to ensure it's kept in good condition. Process of disposal also done in a proper way. UNICEF continues to work on the area of weaknesses in vaccine management and to build the capacity of health workers across the states.

Total AFP Cases Sudan, 2017 to 2021, up to week 17.



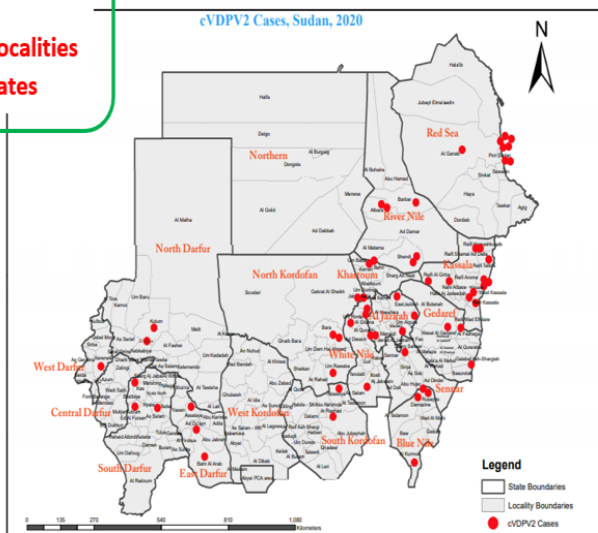
Summary of cVDPV2 cases:

58 cases

44/189 infected localities

15/18 infected states

Distribution of cVDPV2 cases by infected localities and states



Relevant Links

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

For more information, please contact:

WHO

Dr. Mohammad Taufiq MASHAL — Polio Team Lead

World Health Organization, SUDAN

E: mashalm@who.int | T: +249 91 214 9441

UNICEF

Shaza M. AHMED — Polio Team Lead

UNICEF, Sudan

E: smahmed@unicef.org | T:+24912692023