

Situation Overview:

- The National Immunization Technical Advisory Group (NITAG) meeting held on 4th April 2021 to decide on the introduction of the novel Oral Polio Vaccine type 2 (nOPV2), the discussion covered the updated scientific papers on clinical trials, nOPV2 supply availability for mass immunization and the regional experience, the decision will be shared by the chair of the NITAG after completing the necessary formalities.
- The joint campaign for IPV and Yellow Fever vaccines implemented in Red Sea and Kassala states and preparation is ongoing in Gedarif. Target children were 9 months to less than 6 years for Yellow Fever and defaulters of 2016-2017 for IPV.
- 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 preparation of campaign in Gedarif state is going-on well, the team completed training at state and locality levels, distributed supply and social mobilization materials.
- Acute Flaccid Paralysis (AFP) surveillance internal review had been completed for 3 silent states of Central Darfur, West Kordofan and Northern states in addition to the North Darfur state during the period of 28 March and 01 April by WHO supported Public Health Officers, data analysis and final report is under progress.
- The total AFP cases up to week 15 are 176, out of them 152 were discarded as Non-Polio AFP cases, and 24 cases 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 did not report new L20B positive during week 12.
- Fourteen samples from ES in Khartoum State were collected during March, July, August, September, October and November tested positive for cVDPV2

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.

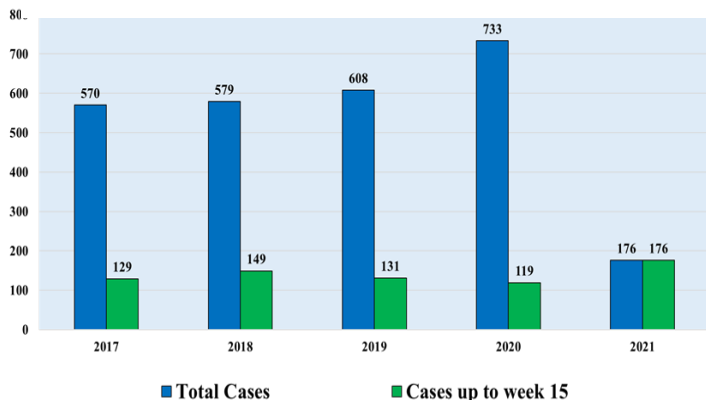
Vaccine Management:

- Remaining stock of mOPV2 at National and State levels is kept under close monitoring from cold chain mOPV2 focal point, waiting for further guidance from outbreak preparedness and response task team (OPRTT).

Communications and C4D (Communications for Development)

- IM data analyzed and shared with States HP and C4D for evidence based planning and corrective actions.
- Outbreak response plan revised based on the findings of R-1 & R-2.
- Analysis for reasons for missed children showed that main reason for missed children is absence followed by houses not visited by the team and then refusals.
- Main source of information as identified by the IM data is megaphone followed by Radio, TV and health worker.
- Communication strategy is being revised based on the above findings.

Total AFP cases – Sudan, 2017 to 2021, up to week 15



Relevant Links

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

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Epidemic curve of cVDPV2 cases and positive contact/ healthy children by week of reporting – Sudan, 2020 and 2021 up to week 15

