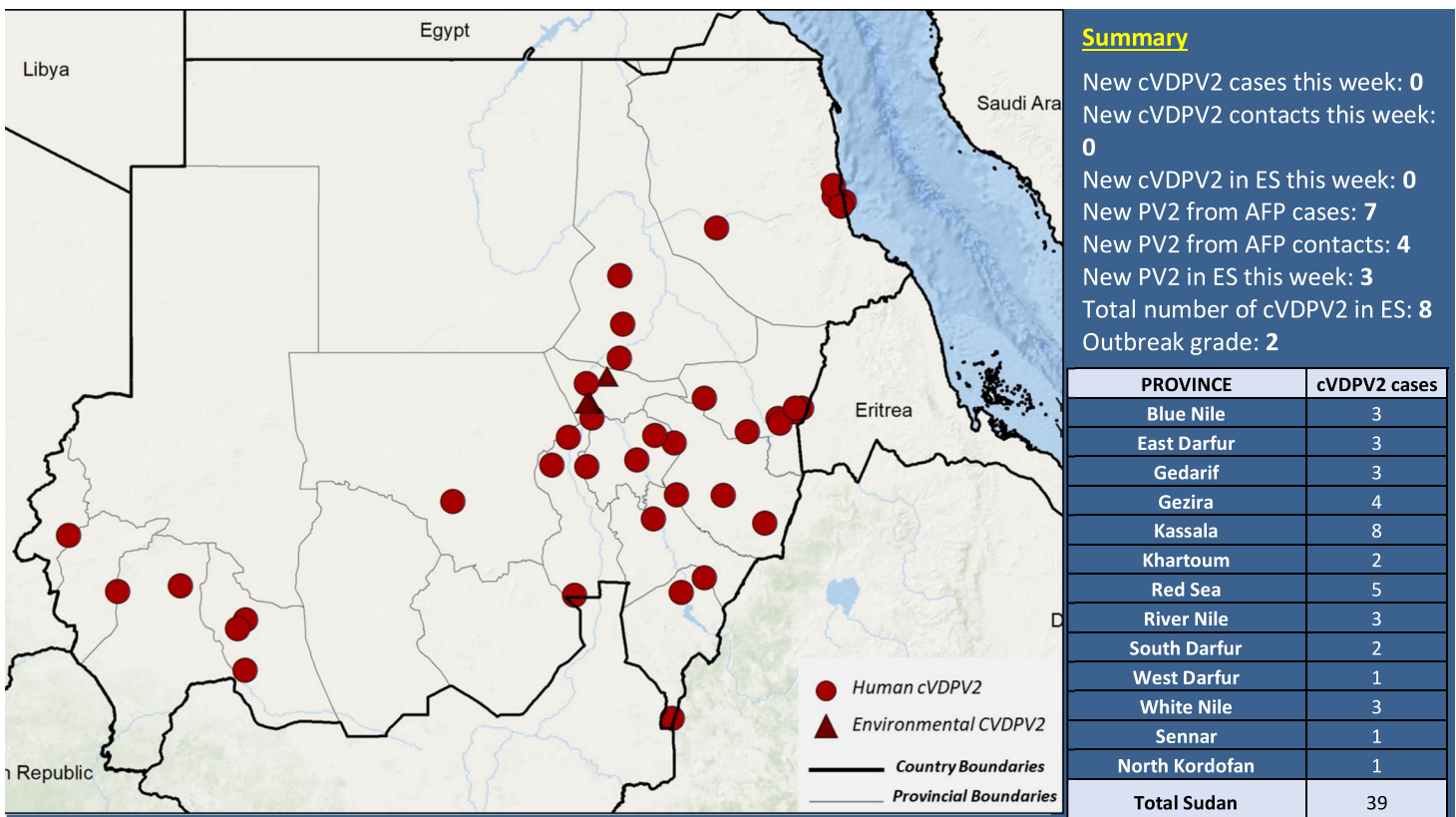


Situation overview

- In total, 39 cases (3 cases confirmed by positive contacts) across 13 states have been confirmed in Sudan since the beginning of the outbreak. A total number of infected localities (districts) is 33.
- The cases have onset of paralysis between 7 March 2020 and 3 September 2020.
- cVDPV2 has been isolated from 11 contacts and three healthy children.
- During this week the Regional Reference Laboratory reported PV2 positive isolates from 7 cases, 4 contacts and 3 environmental isolates.
- A total of eight environmental samples positive for cVDPV2 have been confirmed so far, all from Khartoum state with most recent collection on 9 August 2020.
- The first round of outbreak response is planned to begin next week, from 21 November - 24 November 2020.

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



Data source: EMR/POL, as of week 44. Map: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Immunization activities

- The current plan is to vaccinate 8.6 million children under five twice in all 18 states of the country, using mOPV2 vaccine during November and December.
- Campaign supervisory plans from WHO and UNICEF have been shared with the National EPI in order to merge them with the National overall supervisory list.
- The UNICEF CO field monitoring plan has been developed and shared with FMoH to be part of the joint FMoH/WHO/ UNICEF campaign monitoring plan.
- Fund release to FMoH for the first round of polio National Immunization Days has been completed.

Vaccine management

- mOPV and other campaign supplies have been released to all states ahead of the campaign. Supply distribution from states to localities began on 9 November and will reach all service points before the campaign begins.
- National vaccine management consultants will be on board this week and an orientation session will be provided to them on 11 November before they move to their duty stations.

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

Onset of paralysis: 3 September 2020

Location: Elrussirs locality, Blue Nile

Age: 39 months

Vaccination status: 5 OPV doses

Immunization response

Two national SIAs rounds are planned.

Characteristics of the cVDPV2 cases

Median age: 33 months, Range: 9 - 141

Gender ratio male-female: 1:1.8

Vaccination status of the cases: 0 OPV dose: 6 (15.4%), 1-3 OPV doses: 7 (17.9%), 4-6 OPV doses: 20 (51.3%), 7+ OPV doses: 6 (15.4%).

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

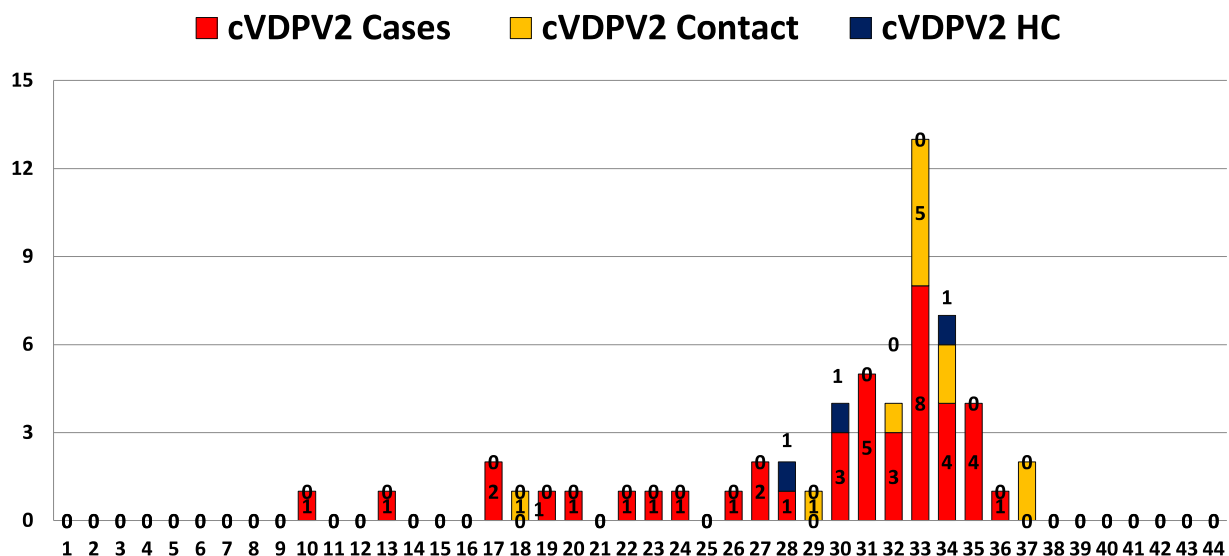
Disease surveillance

- The Sudan country programme reported 32 new AFP cases in this week. The total number of all reported AFP cases is 589 of which 407 cases (69.1%) were discarded as non-polio AFP cases, 143 cases (24.3%) are pending classification and 39 are cVDPV2 confirmed cases (6.6%).
- PV2 viruses were confirmed from 7 cases, 4 contacts and 3 ES. Sequencing results are still pending.
- Sudan annualized non-polio AFP rate is 3.6 per 100 000 under 15 years children: It was 3+ in 14 states, and between 2 and < 3 in 4 states. Stool specimen adequacy rate is 94%.

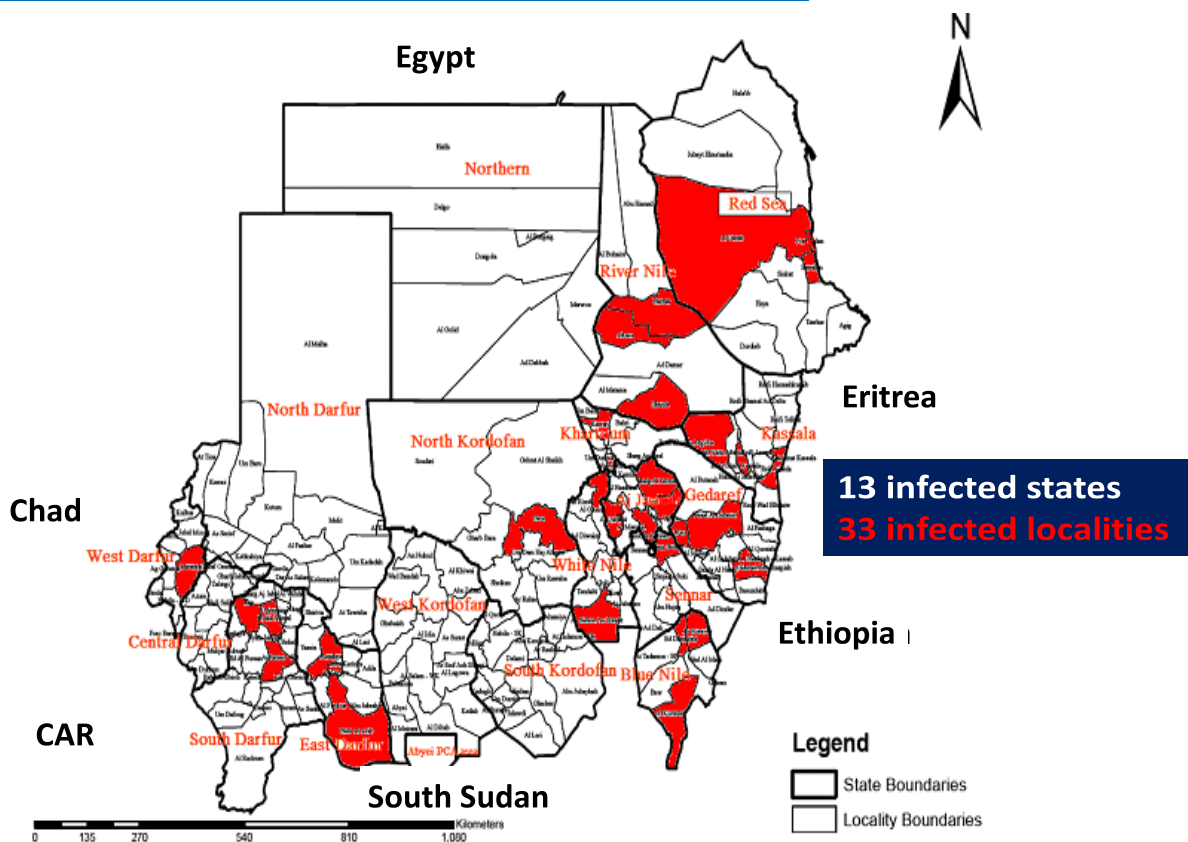
Communications and C4D (Communications for Development)

- UNICEF and WHO are supporting the Ministry of Health with last minute communication preparations for the campaign.
- TV and radio adverts will be used to encourage parents to take up vaccination opportunities.
- A crisis communication plan has been drafted and will be finalized before the campaign begins.
- Supporters of the polio outbreak response are encouraged to follow the campaign via UNICEF Sudan and WHO Sudan social media.
- UNICEF has provided technical support to the Federal Health Promotion Directorate to cascade the ToT training at the state level. The Health Promotion and Expanded Immunization Program jointly organized the training, and it is expected to be finalized in all the states in the coming days.
- In the reporting week, the UNICEF C4D section, MoH Health Promotion, and Sudanese Red Crescent Society (SRCS) had a discussion on trilateral coordination on social mobilization activities to support the polio outbreak response campaign. SRCS has agreed to support health promotion by filling the gap of the health promoters needed for the campaign. Accordingly, 3000 SRCS volunteer community mobilizers will be used to fill the gaps.

Epidemic curve of cVDPV2 cases and positive contact / healthy children by week of reporting, Sudan up to week 44, 2020



cVDPV2 infected states/localities in Sudan up to week 44, 2020



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

Lina MUSTAPHA — Communications Officer,
 World Health Organization, SUDAN
 E: lmustapha@who.int | T: +249903079781

UNICEF

Shaza M. AHMED— Polio Team Lead
 UNICEF, Sudan
 E: smahmed@unicef.org | T:+24912692023

Salma ISMAIL —Communication Officer
 UNICEF, Sudan
 E: saismail@unicef.org | T: +249965101246