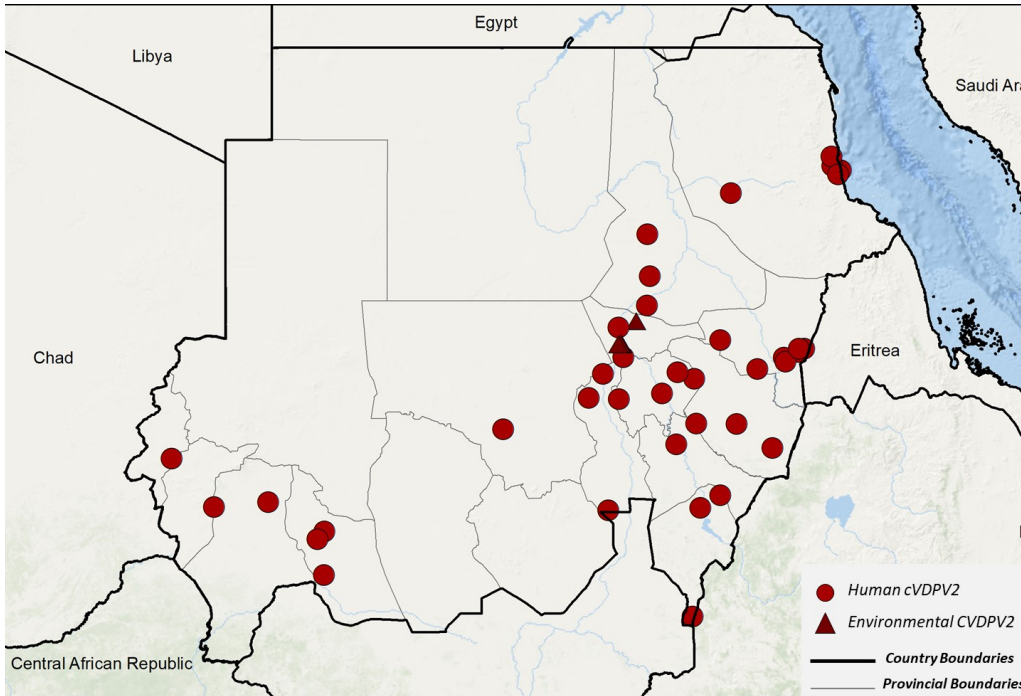


Data as of Week 42

Situation overview

- In total, 39 cases across 13 states have been confirmed in Sudan since the beginning of the outbreak.
- The cases have onset of paralysis between 7 March 2020 and 3 September 2020.
- 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.
- Preparations continue for the first vaccination round in response to the outbreak.

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



Summary

New cVDPV2 cases this week: 0
 New cVDPV2 in ES this week: 0
 Total number of cVDPV2 in ES: 8
 Outbreak grade: 2

| PROVINCE | cVDPV2 cases |
|--------------------|--------------|
| BLUE NILE | 3 |
| EAST DARFUR | 3 |
| GEDARIF | 3 |
| GEZIRA | 4 |
| KASSALA | 8 |
| KHARTOUM | 2 |
| RED SEA | 5 |
| RIVER NILE | 3 |
| SOUTH DARFUR | 2 |
| WEST DARFUR | 1 |
| WHITE NILE | 3 |
| SENNAR | 1 |
| NORTH KORDOFAN | 1 |
| TOTAL SUDAN | 39 |

Data source: EMR/POL, as of week 42. 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.
- The team is considering how best to source and finance transportation for the campaign. Part of this consideration is informed by the current high cost of fuel in Sudan.

Vaccine management

- Based on the cold chain gap analysis, the Technical team Identified 12 out of 18 states as having freezing capacity gap to accommodate campaign vaccine. The Federal Ministry of Health released 25 freezers to fill all identified gaps. A stock of eight freezers will be kept at the national level for emergency need.
- As the first round of campaign implementation has been delayed, UNICEF have requested that the second delivery of vaccine is moved from the planned date of 8 November. The new date for vaccine arrival will be communicated with UNICEF Supply Division on 1 November 2020 based on the date decided for the second round implementation.
- All vaccine management supplies have been released to the EPI warehouse except plastic bags. These will be released on 28 October 2020.

Disease surveillance

- The Sudan polio programme reported 24 new acute flaccid paralysis (AFP) cases in week 42. The total number of reported AFP cases in week 42 was 537, of which 405 cases (75%) were discarded as non-polio AFP cases, 93 cases (17.3%) were pending classification and 39 cases are confirmed cVDPV2 (7.4%).
- 6 L20B positive cases and 3 contacts were reported by NPL they are pending RRL.
- Sudan’s annual Non Polio AFP rate is 3.4 per 100,000 under 15 years. It is 3+ in 14 states, between 2-3 in 4 states and the adequacy rate is 93.5%.

Index 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.

Communications and C4D (Communications for Development)

- The WHO Country Office and Regional Office communications teams continue work to onboard a photographer and videographer for the first and second rounds of the vaccination campaign.
- The communications teams are working together to identify appropriate spokespeople from the Minister of Health, UNICEF and WHO ahead of the campaign.
- A regular call has been re-established between regional and country office levels of WHO and UNICEF to coordinate support in the run up to the campaign.
- UNICEF continued its technical support to the Federal Health Promotion Directorate with planning polio communication and social mobilization activities. As a result, key campaign messages, training and communication materials were prepared and approved by the Technical Committee. The majority of the communication materials and training materials were produced and shipping to the various states is ongoing.
- UNICEF is supporting Health Promotion Directorate to conduct Training of Trainers at state and locality level, which will start early next week. The training will be cascaded at the administrative unit few days before the vaccination kick off. Health Promotion directors from 18 states have participated in the ToT organized at the federal level two weeks ago and now they are cascading the training at their state level targeting over 3500 social mobilizers.
- UNICEF has provided technical support to Federal Health Promotion Directorate to conclude the partnership with the Sudanese Red Crescent Society to help provide human resources capacities to help the social mobilization activities associated with the Polio Outbreak Response.

Fig.2 cVDPV2 cases by month of onset Sudan, 2020

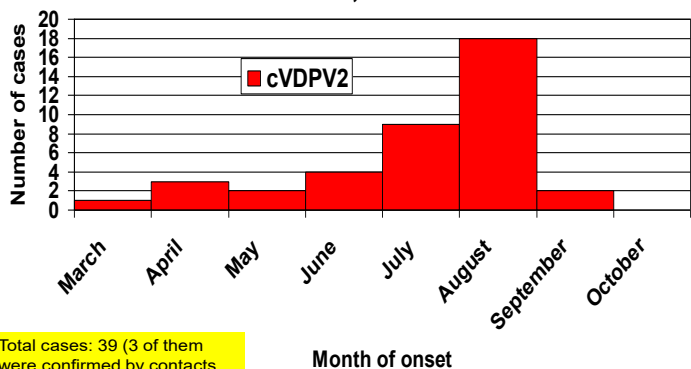
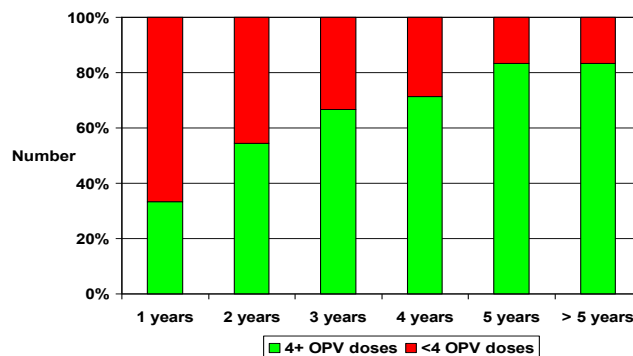


Fig. 8 % Distribution of cVDPV2 cases by age and OPV, Sudan, 2020



Relevant Links

- [Global Polio Eradication Initiative \(GPEI\) website](#)
- [GPEI factsheet—VDPV](#)

- [Vaccine-derived polioviruses video](#)
- [What is vaccine-derived polio?](#)

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