

Sudan cVDPV2 Outbreak Response Situation Report, No. 17

Last Updated: 15 March 2021

Data as of Week 10

Situation overview

- Nine new AFP cases had been reported during week 10. The total number of all reported AFP cases is 115 of which 76 were discarded as Non-polio AFP Cases (66.1%) and 39 (33.9%) AFP cases are pending classification.
- Sudan annualized Non-polio AFP rate is 3.1 per 100 000 under 15 years children. Stool adequacy rate is 98%.
- The NPL did not report new L20B positive during week 10.
- Environmental surveillance reported collection of 5 samples during February and the result are under-process.

Distribution of circulating vaccine-derived poliovirus type 2 (cVDPV2), Sudan, 2020-2021



Summary

New cVDPV2 cases this week: 1

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
Gedarf	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

Data source: Sudan MOH, as of week 10

mOPV2 containment campaign:

- The national technical committee approved data of independent monitoring for January NIDs the national IM coverage is 95%. Knowledge of families on SIAs was 82% at national level and door marking was reported 80%. The committee have several concerns related to implementation of IM and the quality of IM data. Therefore,
- The national technical committee decided to update the national guideline for the independent monitoring as well as make the exercise more independent through assignment of consultancy firms, universities, or research institutes . And also to explore the feasibility of implementing other post campaign evaluations such as LAQS
- West Darfur reported admin and IM coverage. Admin coverage is 98% and IM coverage reported 95%.

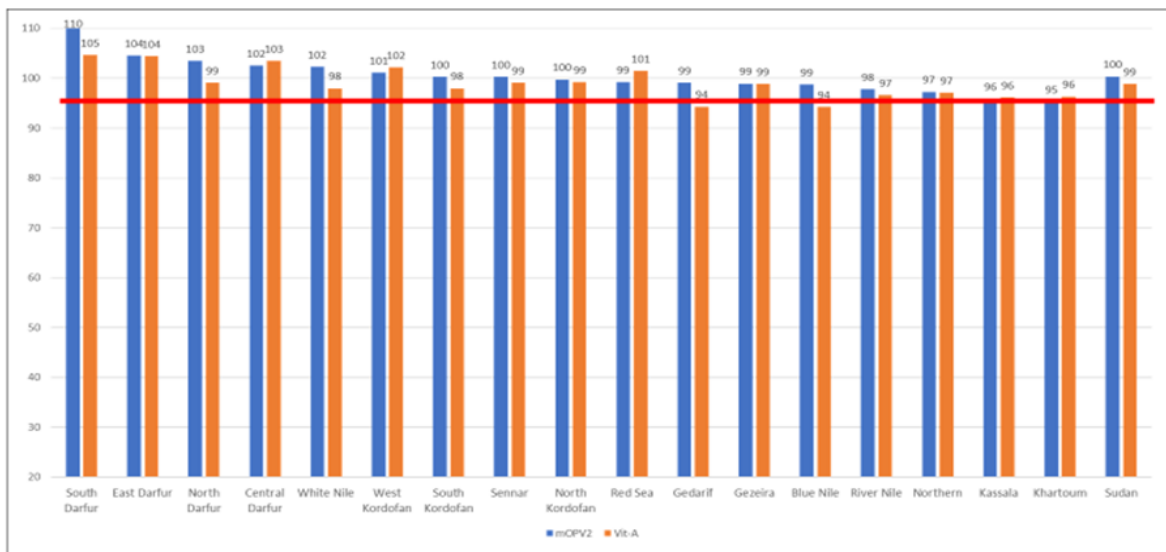
Vaccine management:

- Validation of mOPV2 after second round was completed and results are under final approval by Technical committee.
- Final form A is now completed from all states
- Final decision on disposal of remaining mOPV2 vaccine will be done after country decision to or not to use nOPV2 that under process. Currently remaining unused vial of mOPV2 are stored separately at state cold chain stores under the responsibility of state cold chain officer.

Communications and C4D (Communications for Development):

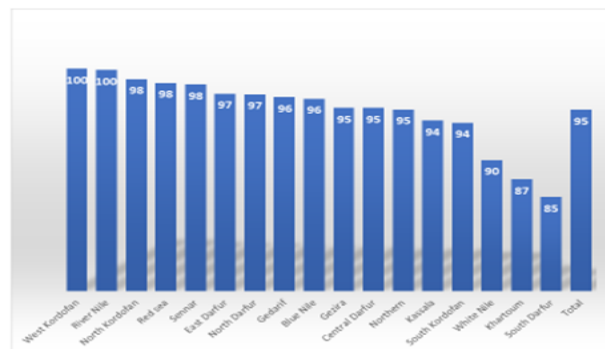
- Detailed analysis of IM data for C4D indicators was done and shared with the states, includes; Awareness, reasons for missed children, reasons for absence, reasons for refusals and sources of information.
- As per IM data awareness is 82% Nationwide while many states reported awareness below 80% which is less than GPEI guideline.
- 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.

mOPV2-Vit A coverage by states, R2 Sudan



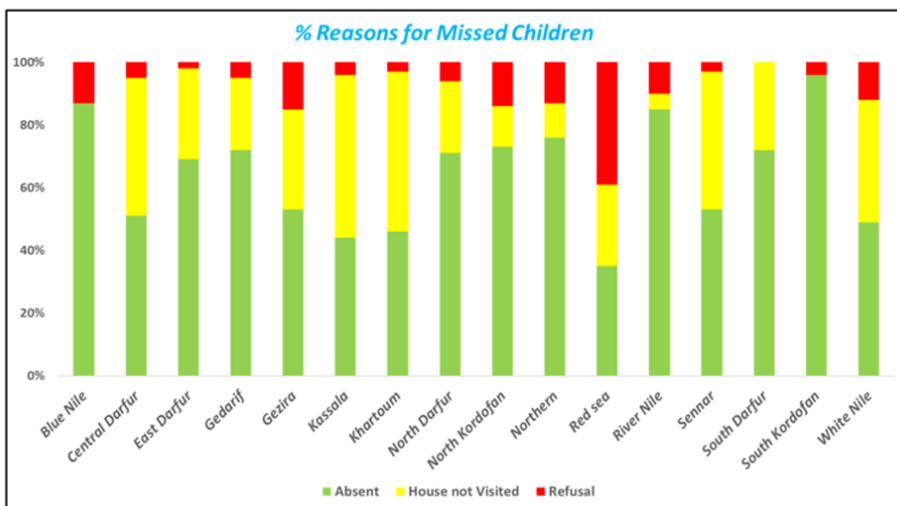
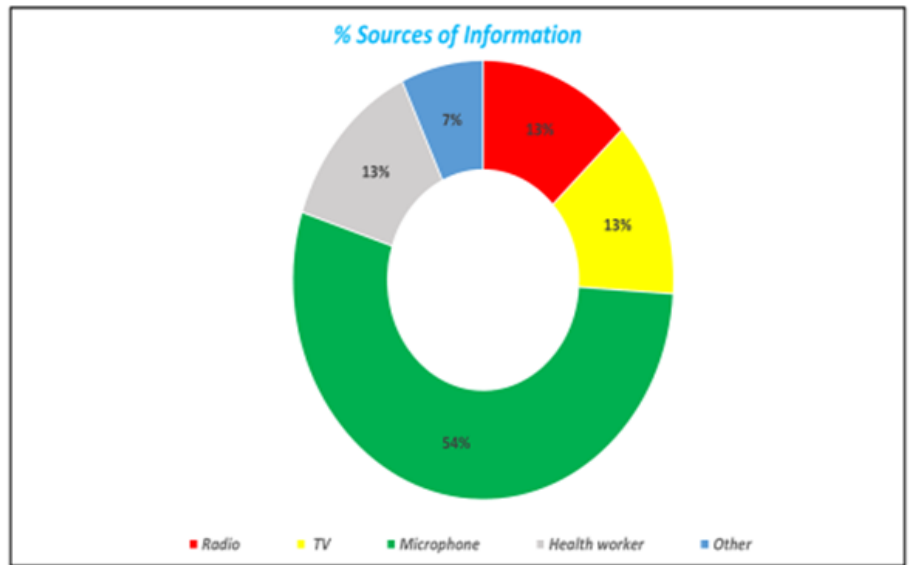
mOPV2 coverage by FM, IM data Jan NIDs

States	Total 0-59m seen	Total 0-59m FM	Coverage of FM (%)
Blue Nile	2947	2839	96
Central Darfur	10139	9664	95
East Darfur	2870	2781	97
Gedaref	8680	8375	96
Gezira	13161	12545	95
Kassala	7422	6971	94
Khartoum	3353	2930	87
North Darfur	6640	6429	97
North Kordofan	6587	6488	98
Northern	6324	6016	95
Red sea	5607	5499	98
River Nile	10879	10825	100
Sennar	10357	10139	98
South Darfur	10565	9024	85
South Kordofan	7726	7236	94
West Kordofan	5743	5724	100
White Nile	5691	5094	90
Sudan	124691	118579	95



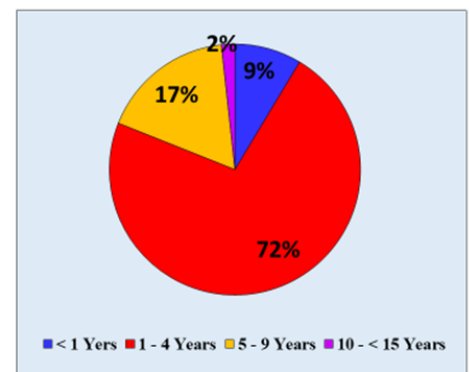
Communication by source of information

State	Radio	TV	Microphone	Health worker	Other
Blue Nile	281	156	736	186	46
Central Darfur	84	75	3410	1230	638
East Darfur	112	60	843	111	11
Gedarf	693	750	2885	505	380
Gezira	682	1126	3610	1083	1082
Kassala	646	302	1973	269	184
Khartoum	588	1522	487	542	277
North Darfur	589	373	2326	672	290
North Kordofan	1389	385	1417	293	87
Northern	81	658	2315	206	244
Red sea	151	229	1844	420	75
River Nile	1056	1699	3029	1564	507
Sennar	793	977	2745	635	254
South Darfur	729	94	2170	728	234
South Kordofan	323	0	3445	89	127
West Kordofan	372	270	1804	188	171
White Nile	601	261	2261	362	244
Sudan	9170	8937	37300	9083	4851

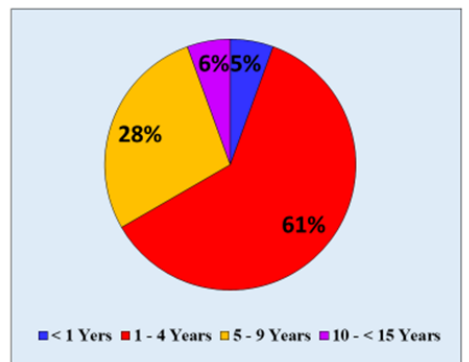


Age Group Distribution of cVDPV2 Cases and Positive Contacts/Healthy Children Sudan, 2020 and 2021 up to week 10

cVDPV2 = 58



Contacts/ Healthy Children = 18



[For more information, please contact:](#)

WHO

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Relevant Links

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