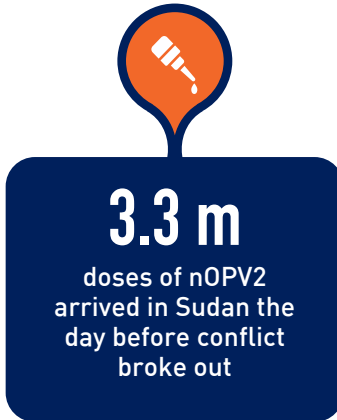
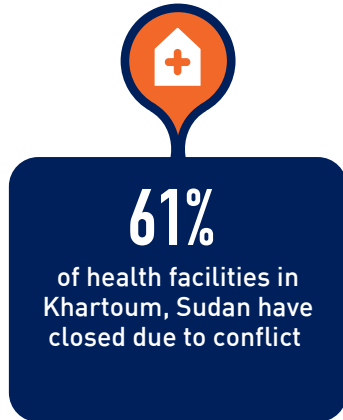


EMR-MENA CVDPV OUTBREAKS

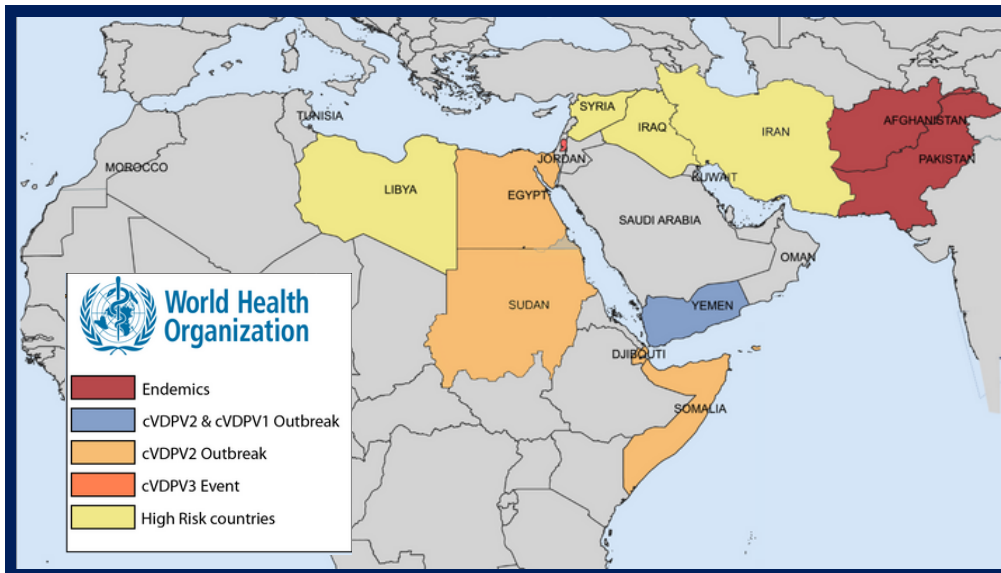
Issue #31 | Week 17 (ending 27 April 2023)

BY THE NUMBERS:



SITUATION UPDATE

- The conflict in Sudan has severely impacted the delivery of healthcare and the function of health infrastructure throughout the country, particularly in Khartoum, North Kordofan and Darfur states. R2 of the cVDPV2 outbreak response campaign has been paused until further notice.
- The Ministry of Health in Aden, Yemen, has requested to move towards readiness for use of novel oral polio vaccine type 2 (nOPV2).



Circulating vaccine-derived poliovirus type 2 (VDPV2) isolates:

	2022		2023	
	AFP	ES	AFP	ES
DJIBOUTI	0	12	0	0
EGYPT	0	6	0	0
SOMALIA	5	6	1	0
SUDAN	1	1	0	0
YEMEN	162	25	0	0



EPI AND SURVEILLANCE UPDATE

DJIBOUTI



- To date, 17 cVDPV2 isolates have been confirmed since October 2021, all through ES. Five of these were confirmed in 2021 and 12 in 2022, the last of which was collected on 22 May 2022.
- Three AFP cases were reported in 2023. The NPAFP rate has dropped to 2.26/100.000 children below 15 years compared to 4.6 in 2022 but the stool adequacy is 100% reflecting timely notification and investigation

EGYPT



- To date, 18 cVDPV2 isolates have been confirmed since 10 January 2021, all through ES. The isolates come from four sources: two separate emergences (CHA-NDJ-1 and EGY-QEN-1) and two importation events (YEM-TAI-1 and NIE-ZAS-1). The most recent detection was on 29 August 2022 (NIE-ZAS-1).

SOMALIA



- In 2023 to date, there has been one cVDPV2 from an AFP case: a child from Kurtunwaarey district, Lower Shabelle, Southwest state, with date of onset 12 January 2023.
- Collection date of most recent cVDPV2-positive ES sample: 22 December 2022.
- Pending PV2 isolates:
 - Two AFP cases collected in March 2023
 - Two ES samples collected in March 2023

SUDAN



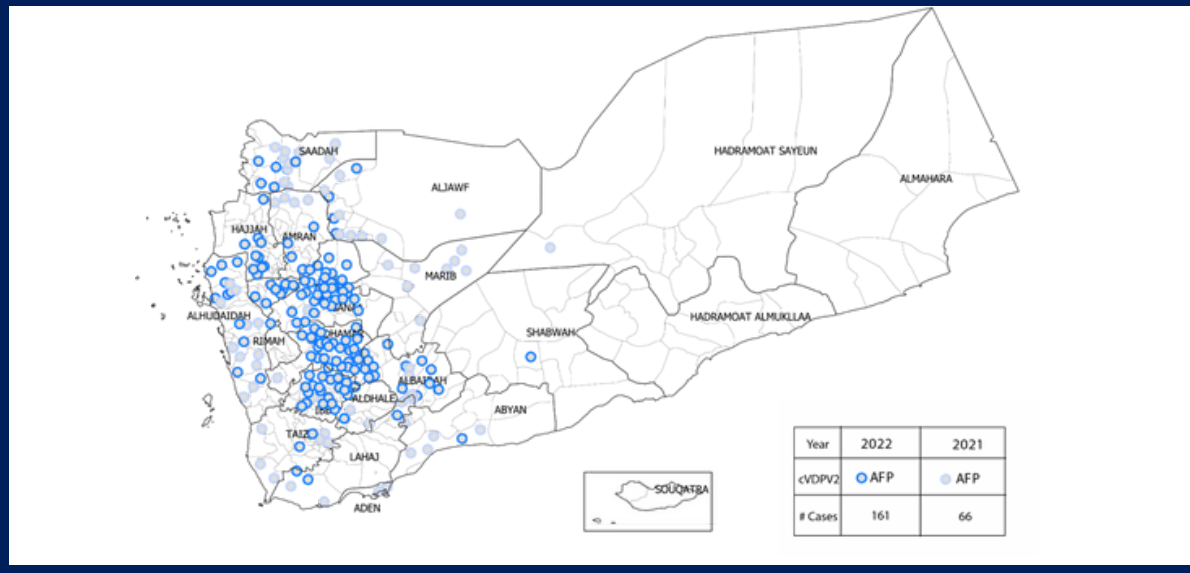
- Despite the ongoing conflict, AFP surveillance remains active and mitigation measures around sample collection and storage are being taken.
- Refugee sites in Chad and Egypt have been marked as high priority for AFP surveillance and are being visited by AFP surveillance focal points with increased frequency; no AFP cases have been found to date.

YEMEN

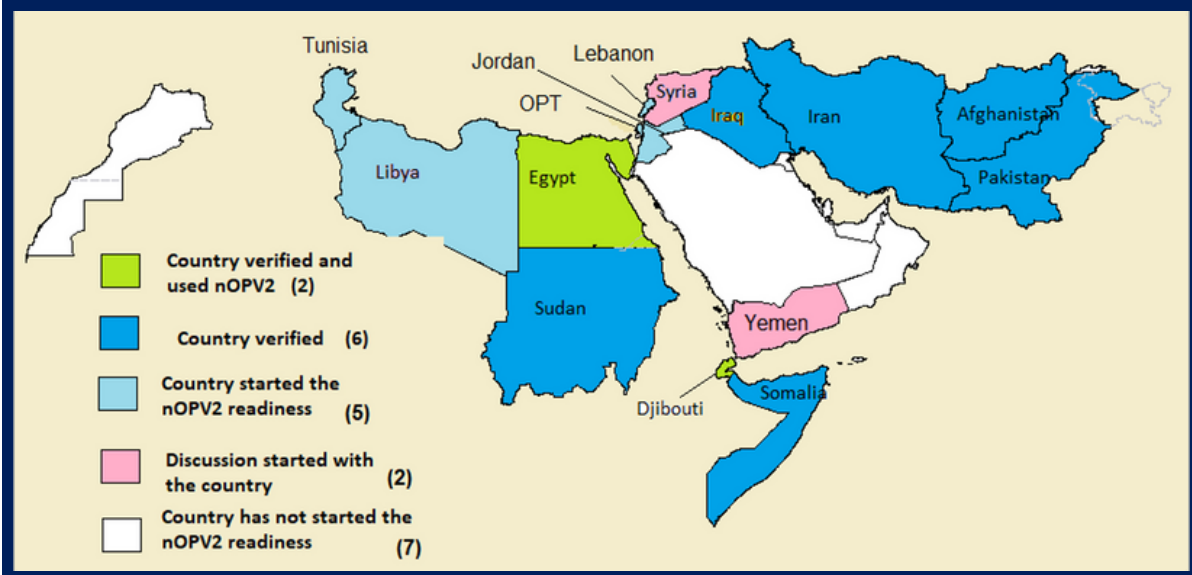


- A total of 228 cVDPV2 cases have been reported; samples from 172 AFP cases from March 2023 onwards are pending testing.
- In order to facilitate more timely testing, environmental samples will soon be sent to Pakistan Polio Lab via Djibouti, rather than KEMRI.

CVDPV2 CASES IN YEMEN



STATUS OF nOPV2 ROLLOUT IN EMR 2023





OUTBREAK RESPONSE UPDATE

DJIBOUTI

- The last nOPV2 NID was conducted from 3-7 December 2022, with 115% administrative coverage, 96% PCIM, and 14/17 LQAS lots passed; the failed lots were all in Djibouti city.

EGYPT

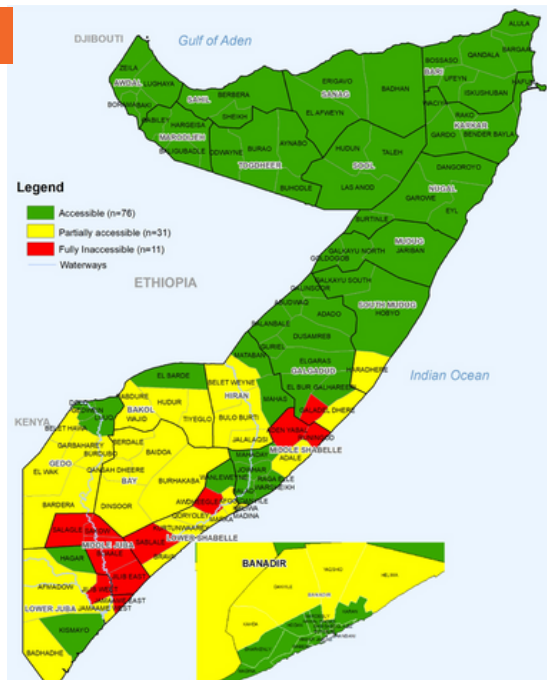
- An Outbreak Response Assessment (OBRA) has been planned for June 2023.

SOMALIA

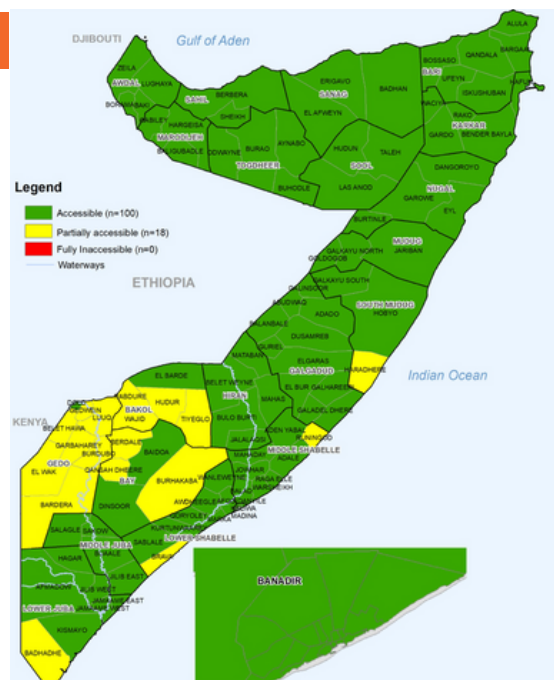
- A SIA for South and Central states started on 19 February 2023 using tOPV, targeting 2,546,474 children under age five; administrative coverage indicates 2,432,351 children were reached (96%). LQAS was conducted in 57 out of 81 districts and 42% of lots passed.
- Implementation of the Somalia Emergency Action Plan (SEAP 2) has started and is being tracked by the national programme as well as the Somalia Support Unit (SSU).

SOMALIA ACCESSIBILITY MAPS

2021



2023



SUDAN

- All immunization activity in Sudan was disrupted by the conflict. Routine immunization is re-starting in less affected states, but the availability of vaccines and stock replenishment has been severely impacted by the conflict.
- The planned R2 using nOPV2 has been paused until further notice, and the condition of the 3.3m doses in-country already is precarious due to fuel shortages and the unpredictability of the conflict. The 3.3m doses have an expiry date of January 2025.
- Round 1 took place as planned over 18-21 March 2023 in 17 of the country's 18 states (Blue Nile did not take part); administrative coverage was 98% and post-campaign independent monitoring was 95%. Destruction of partially used and used vials took place according to guidelines, but the destruction of unused mOPV2 vials remains incomplete; this issue has been prioritized and further information will be shared once available

YEMEN

- Access to vaccinate children through the outreach modality continues to elude the programme. Robust, multi-channel advocacy efforts continue, with a growing focus on tackling the state-sponsored vaccine disinformation campaign that has badly impacted access in the northern governorates and threatens to impact demand in the southern governorates.
- The MoH in Aden has sent an official request to WHO Country Office expressing interest on nOPV2 preparedness; once all preparedness documentation has been verified, the second of two rounds in the southern governorates will be carried out using nOPV2.

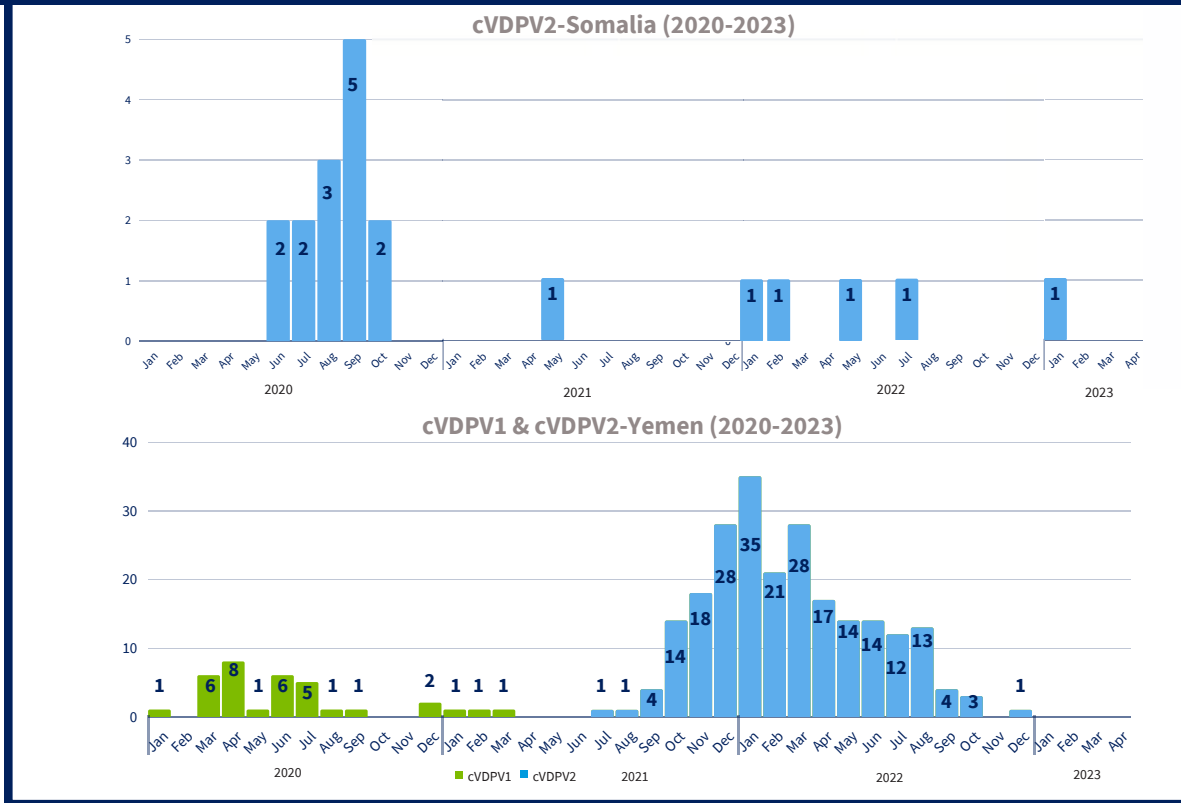


REGIONAL COORDINATION

- Regular coordination continues with weekly Incident Management Support Team (IMST) and Outbreak Response Preparedness Group (ORPG) meetings, and the Regional Incident Managers (RIMs) continue to lead coordination between country and regional levels.
- [Sudan](#) and [Chad](#) continue to coordinate on the cVDPV2 polio outbreak response, and for Chad's upcoming nOPV2 campaign on 26 May, refugee camps housing people who have fled Sudan – which were already included in microplans – are being revisited to ensure newcomers are mapped and vaccinated.
Efforts are underway to build IMST capacity, particularly in gender and outbreak response, through the modality of simulation exercises. Two workshops have been held:
 - A day-long workshop on gender-responsive programming for polio outbreaks was held in Amman on 5 April 2023, covering all core areas of IMST work.
 - A half-day Polio Outbreak Simulation Exercise (POSE) was held in Amman on 6 April 2023, where team members took part in person and remotely to respond to a new outbreak and devise a timeline for all.



OUTBREAK EPI CURVES

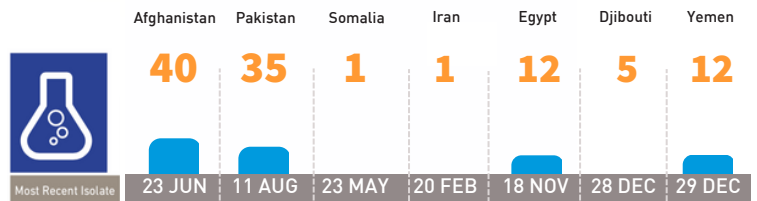
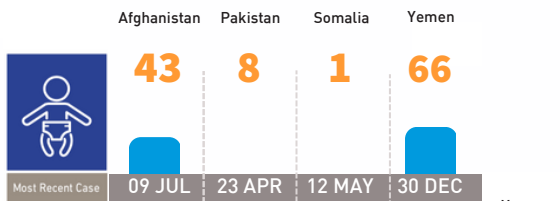


ALL cVDPV2 OUTBREAKS IN THE EMR

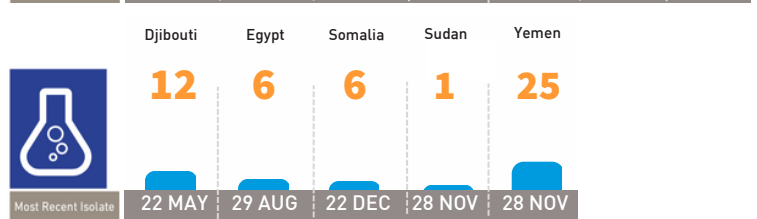
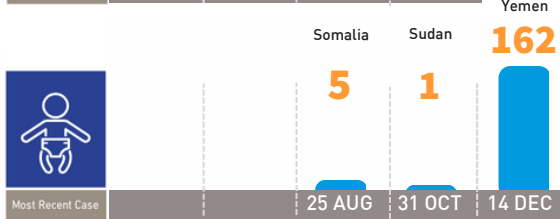
AFP- cVDPV2

Environmental - cVDPV2

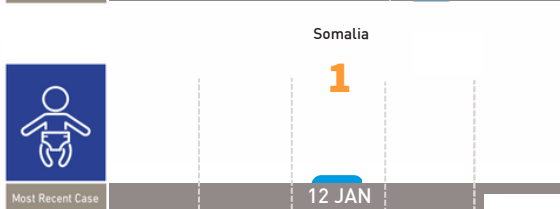
2021



2022



2023



Send questions to:

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Regional Outbreak Communications: williamssa@who.int

UNICEF:

Regional Polio Coordinator: atsega@unicef.org

Regional Chief of Communications: jtouma@unicef.org

Relevant links:

- [Global Polio Eradication Initiative \(GPEI\) website](#)
- [Polio Eradication Strategy 2022–2026](#)
- [Regional Subcommittee on Polio Eradication](#)
- [GPEI factsheet—VDPV](#)
- [Vaccine-derived polioviruses animation](#)



World Health Organization

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