# CRSPC Sub-Regional National Malaria Programs and Partners Annual Meetings, Kampala, Uganda.

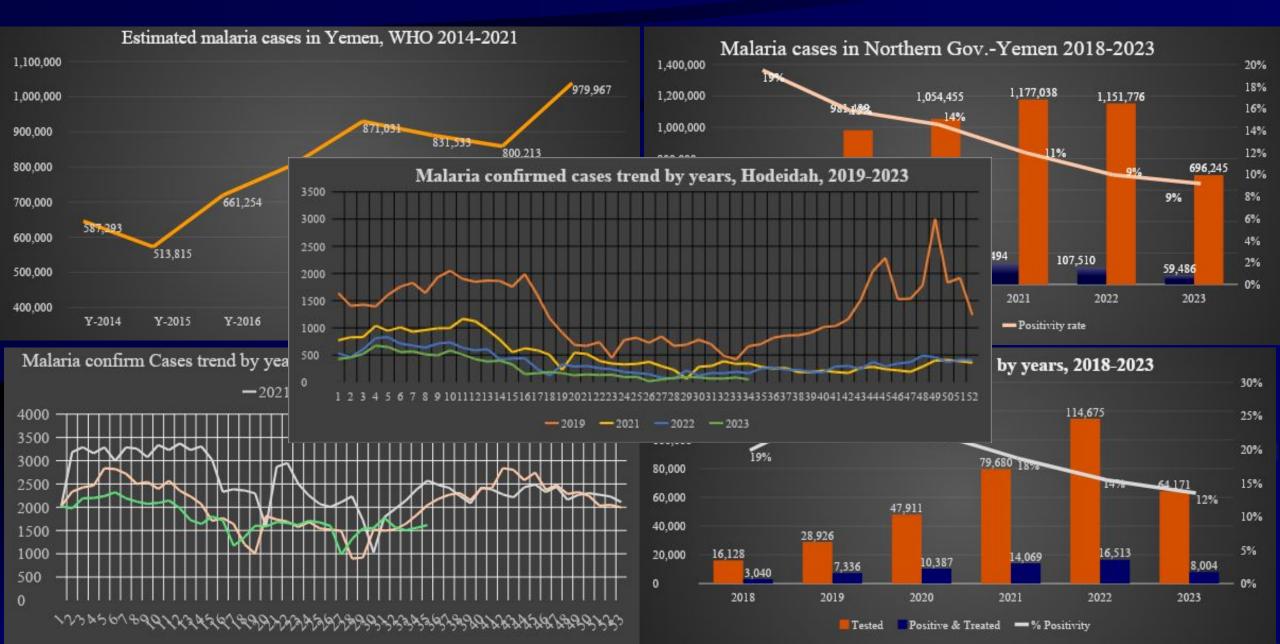
Malaria situation and progress, Yemen

3-6 October, 2023

Dr. Methaq Assada

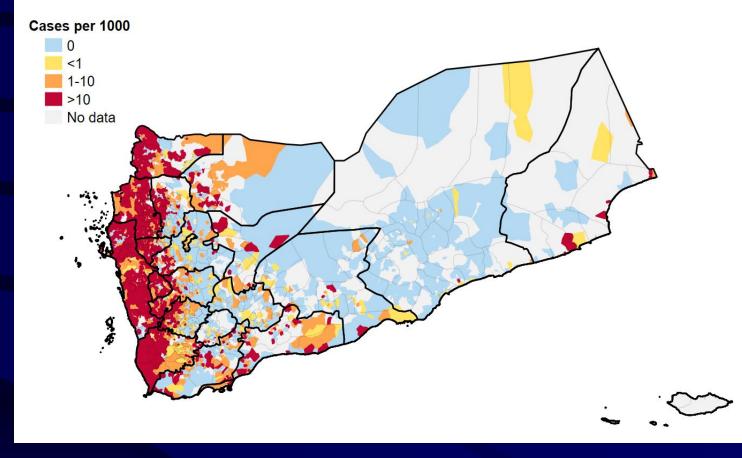
NMCP HQ

# Malaria epidemiology



- Update Malaria risk map & SNT of intervention in Yemen in collaboration with GMP & EMRO, 2023.
- Deploying the digital technology in all malaria activities, including reporting, analyses, and dissemination through interface dashboards since 2018, and the enhancement over years.
- Transform malaria surveillance into core intervention approach to accelerate steps towards elimination through activation the roles of MUs control intervention, following the tracking of the clustering increase of the cases.
- A total of 784 HFs were visited by MUs medical teams during August- December 2022, and a total of 2,639 HPs were trained on NAMDP, and 1,405 Lab technicians on malaria diagnoses.
- Strengthening the integration with eIDEWS program through an expansion in the reporting sites (389 HFs) in 2020 and currently in additional new 100 HFs, and through the mutual outbreak response with RRTs.
- Strengthening the integration with malnutrition program through training of the CHVs on malaria diagnoses and treatment (ICCM).





#### **Achievements**

- Strengthening the partnership with the NGOs in malaria/dengue control interventions (Yaman foundation & Bonian).
- Completing TES to mentor the resistance of malaria parasites (PF) to the AL that used as the 1<sup>st</sup> line in malaria treatment in accordance to the NAMDP.
- Completing the assessment of the presence of PFhrp2/3 gene deletion. A total of 590 positive cases by microscopy out of 4,183 suspected and tested cases, and 31 (5%) discordant cases (SDPF negative). The molecular confirmation is ongoing.
- Vector control need assessment (VCNA) 2023 is completed.
- Malaria Program Review (MPR) is ongoing.
- Updating and printing all SOPs related to NMCP malaria control components.
- Starting mosquitos sporozoite rate detections by Elisa, and more than 300 mosquitoes samples has been tested so far.
- Rehabilitation of Tehama malaria regional office building and warehouse is ongoing, after being affected by war aggression.
- Reactivation of national vector control steering committee.
- An. Stephensi detection in more than 300 sites in Tehama.















#### **Vector Control**

- IRS and LLINs are the two core vector control interventions implemented in Yemen, in addition to the larvaciding and breeding source reduction.
- Fogging spray, awareness raising & community mobilization and engagement are additional interventions in dengue control and response.

#### IRS:

• A total of 100,050 and 122,294 houses were sprayed and about 1.37 million peoples were protected in the 1st and 2nd phases (Nov 2022 and Jan 2023) respectively.

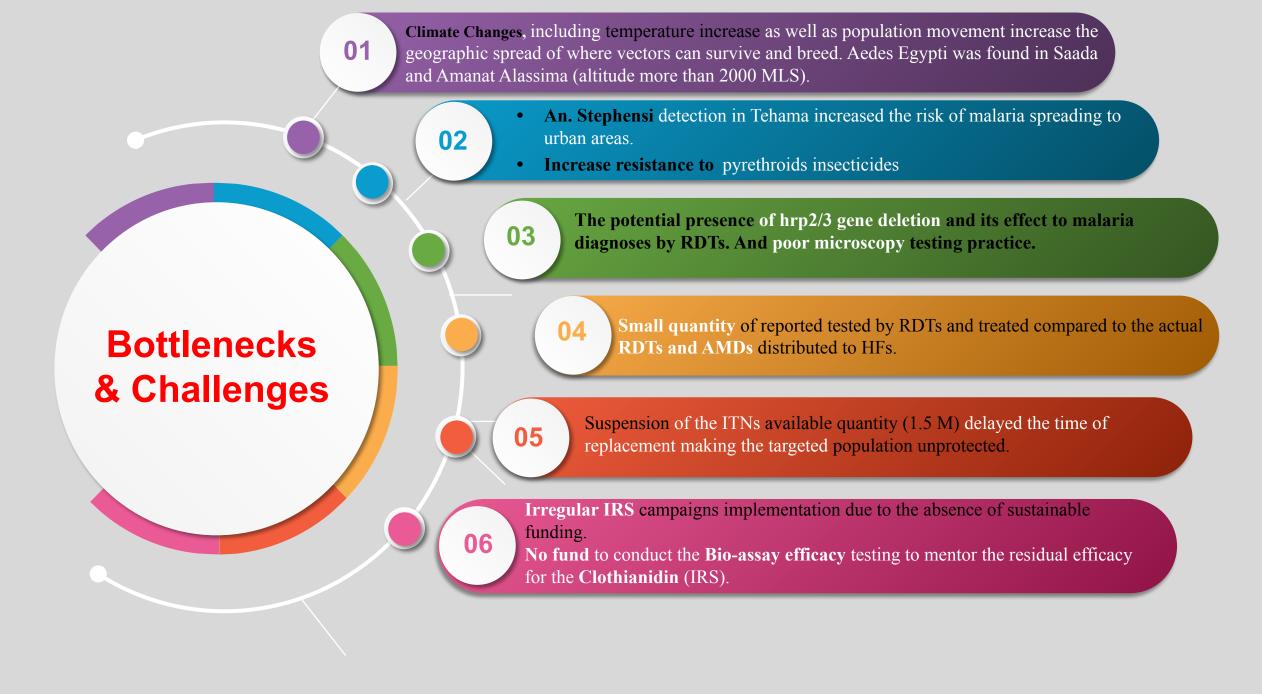
#### **ITNs distribution:**

- A total of 1,236,501 and 892,666, and 170,000 ITNs were distributed in 2021 & 2022, and 2023 respectively, protecting 4,770,274 of population.
- A total of 1,575,000 ITNs arrived in November, suspended for distribution by the GF until completing SNT malaria interventions exercise. The distribution is expected to be completed within the upcoming months.

#### **LSM**

- In October 2022, a campaign was conducted in Tehama, and a total of 29 districts were covered and 2,383 sites treated.
- The NMCP and MUs have responded to more 100 & 40 reported malaria/dengue foci increase in 2022 & 2023 respectively.





## Best practices

Cost effectiveness & time saving through the activation of 10 Malaria Units to conduct various of NMCP tasks at peripheral levels (districts), including:

Malaria confirmed cases trend by years, Hodeidah, 2019-2023

2022 - 2023

#### Entomological teams

3500

3000

2000

1500

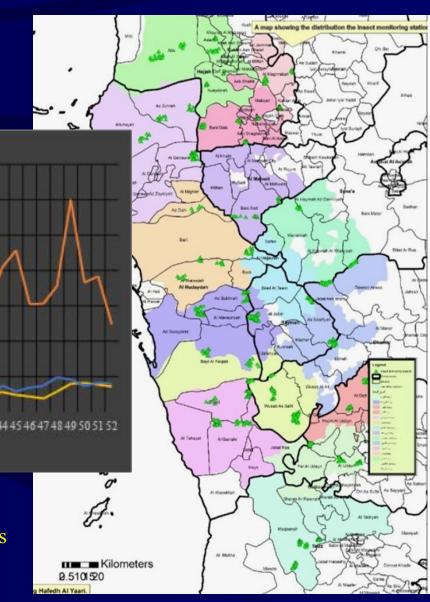
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Routine ent. Surveillance and VC activities in their catchment areas.

Tracking the cl larviciding, IR

#### Medical teams (d

- HFs routine su NAMDP, perfe
- Verify the repo consumption p
- Along with the detection and t
- Strong commitm the best example
  - ✓ One team worl and 4 MUs), and with the aim of fighting malaria/dengue, they performing the daily reported data, reviewing, verifying, investigating, and responding.
  - ✓ Resource mobilization and coordination between the working NGOs redirecting resources to support the priorities in malaria/ dengue control.



## Best practices

- 1. ICCM CHVs contribution in various malaria/ dengue control activities.

  ITNs, IRS, LSM
  - ✓ CHVs engagement in the NMCP different campaigns to verify the numbers of individuals of the family before ITNs distribution, prepare HHs for IRS spray teams
  - ✓ Education sessions for family members and school students, including the importance of ITNs & proper use, messages about malaria/dengue causes, mode of infection and prevention.
  - ✓ Lead their communities in regular control interventions in particular LSM.

Engagement in outbreak investigation and response

#	Item	No of sessions	No of Beneficiaries
1	ITNs proper use	30,630	187,686
2	Breeding sites prevention and control	26,273	164,504
3	Malaria transmission and prevention	27,148	171,585
	Total	84,051	523,775













# Financial gap 2024

- The 2024 is the 3<sup>rd</sup> and last year in the MER3 GF grant, following by the 1<sup>st</sup> year of next MER4 grant.
- The following are most important activities that are still gap:

#### Vector control

- The IRS funding gap for at least 230k HHs in the high priority areas with a total cost of \$ 2.3 M including the insecticides & running costs.
- ✓ The ITNs gap of 1,172,973 for the current and next year. About a half may be covered through the GF MER3 grant.
- ✓ Financial gap for procurement of other **insecticides** Deltamethrin, Temephos, and growth regulators.

#### Case management

- ✓ MRDTs procurement gap for 2024 and part of 2025 with a total cost of about 0.5 M USD.
- ✓ All activities under ICCM component are gap in 2024 including CHVs annual meetings and supportive field supervision visits to CHVs. With a total cost about 0.7 M USD.

#### Malaria units

✓ Despite the proven roles in malaria control, all MUs' activities are not funded in 2024 (0.32 M USD).



Thank you for attention