



# Progress to Malaria Elimination in Ghana

VECTOR CONTROL WORKING GROUP ANNUAL  
MEETING

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# Outline

- Introduction
  - Mandate, Mission and Vision
  - Country Profile
- Key Events in Malaria Control in Ghana
- Strategic Goals
- Interventions and Geographical Coverages
- Key Results
- Malaria Elimination Agenda

# Introduction

## Mandate

To **lead all malaria control efforts** in the country;  
Coordinating activities of all agencies and partners

## Vision

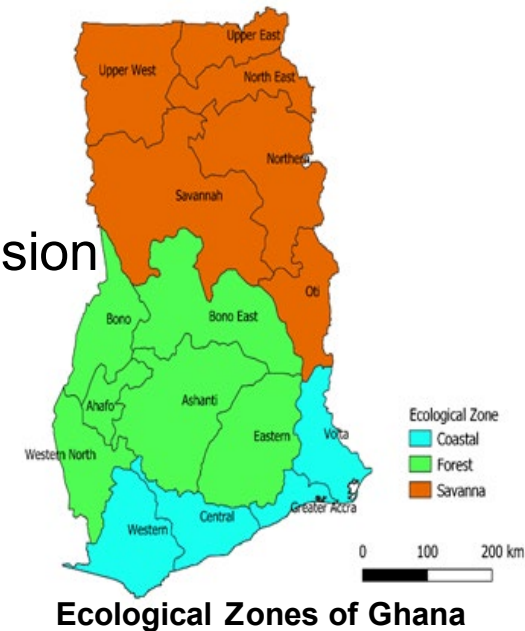
**Malaria Free Ghana** to contribute to the improvement of  
economic and social development.

## Mission

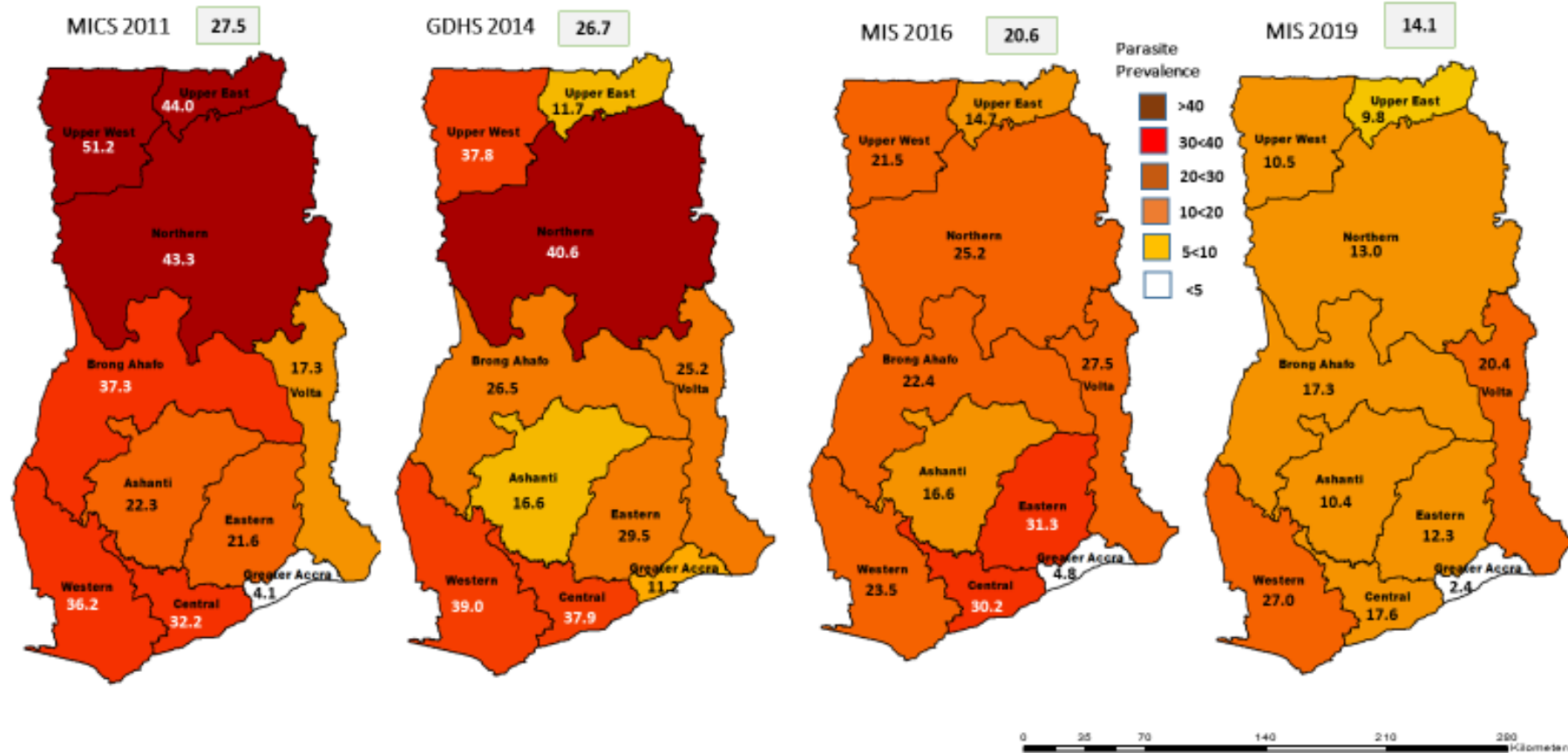
To ensure that the **entire population of Ghana has a  
universal and equitable access to interventions** for  
malaria prevention and treatment and to achieve pre-  
elimination in selected areas.

# Country Profile

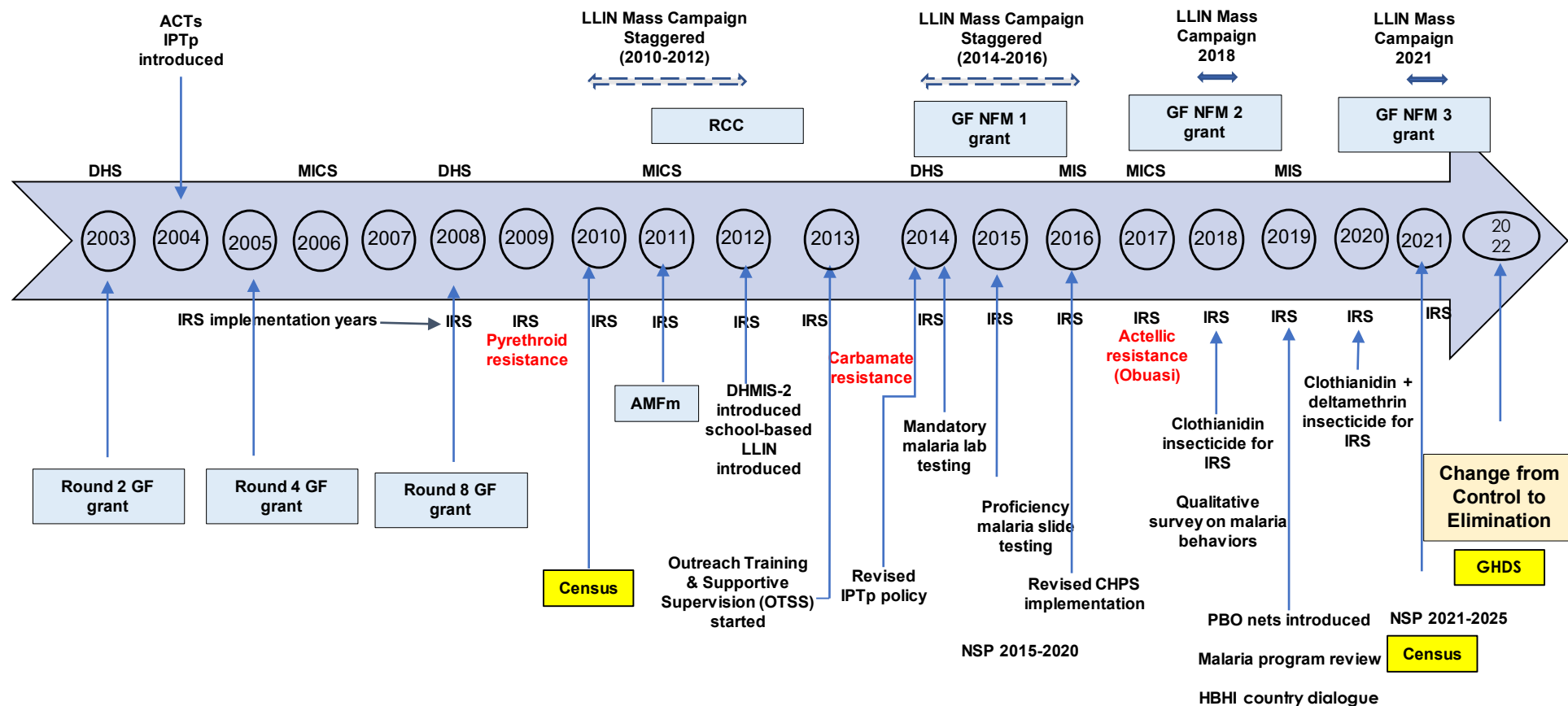
- ❑ Ghana is a malaria endemic country (*Pfpr* – 14%) (MIS 2019)
  - Entire population of 30.8 million (2021 census data) is at risk of malaria
  - Under-five mortality rate: 52/1,000 live births (2017 MHS)
- ❑ Three ecological zones with varied malaria transmission pattern
- ❑ Major vector species: *An. gambiae*, *An. funestus* & *An. arabiensis*
- ❑ Major *Plasmodium* species: *Plasmodium falciparum* - 96.3%; *P. malariae* – 1.6%; *P. ovale* – 1.0%
  - Mixed infections account for less than 1% of malaria cases reported



# Malaria Parasite Prevalence in Ghana



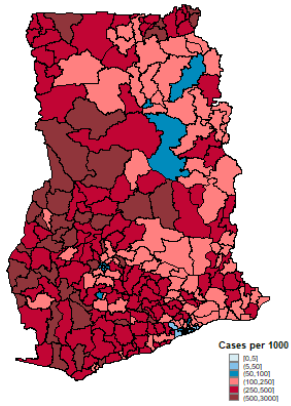
# Key Events in Malaria Control in Ghana: Historical Timeline



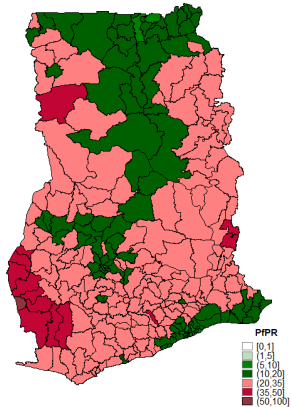


# District Stratification 2019

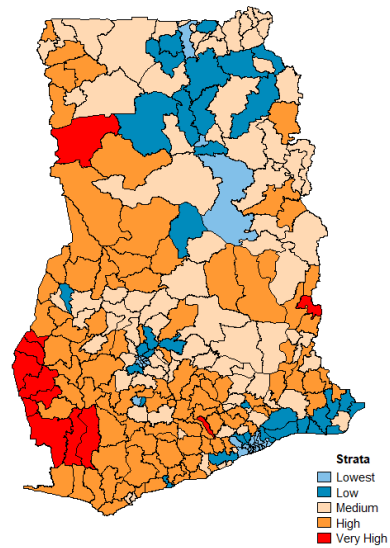
Adjusted incidence (2018)



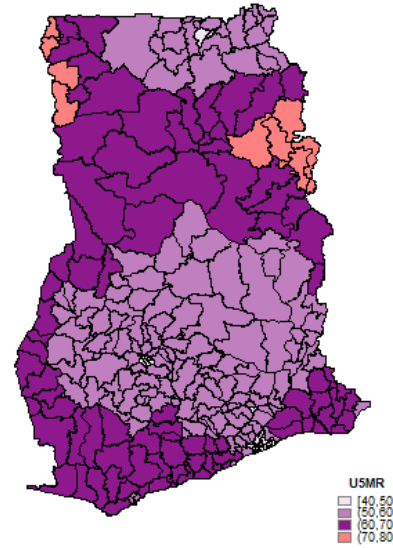
Prevalence (2018)



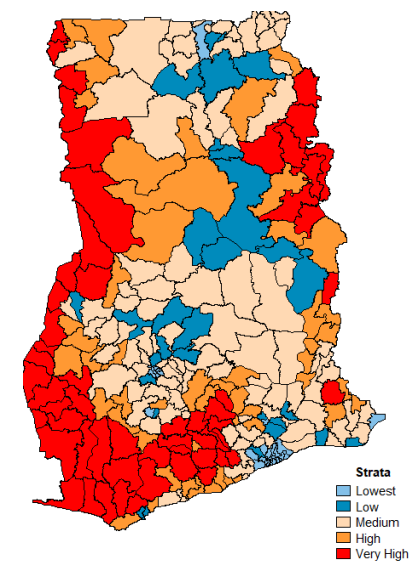
Ist level strata



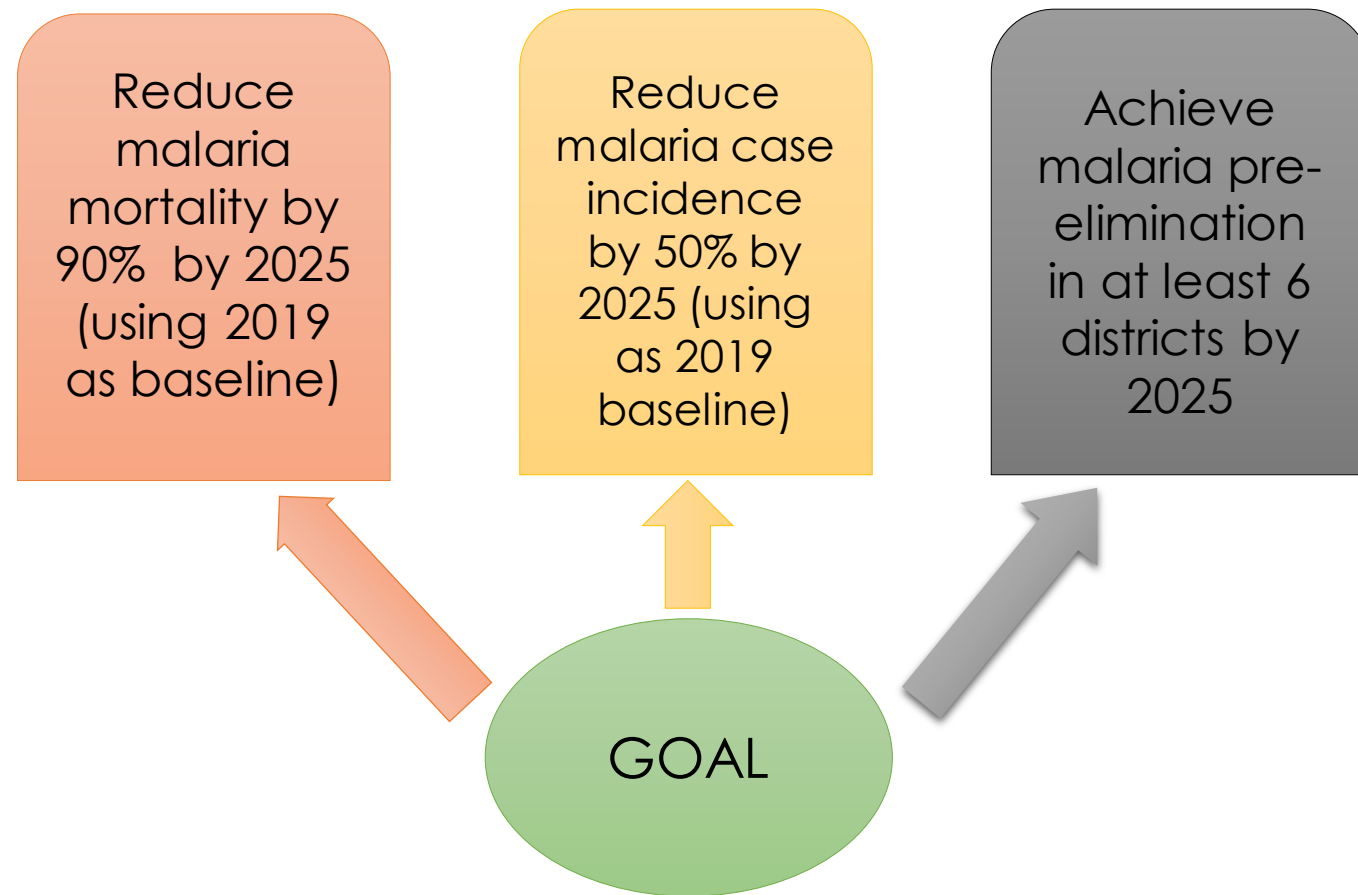
All-cause U5MR (2017)



### Final district level stratification

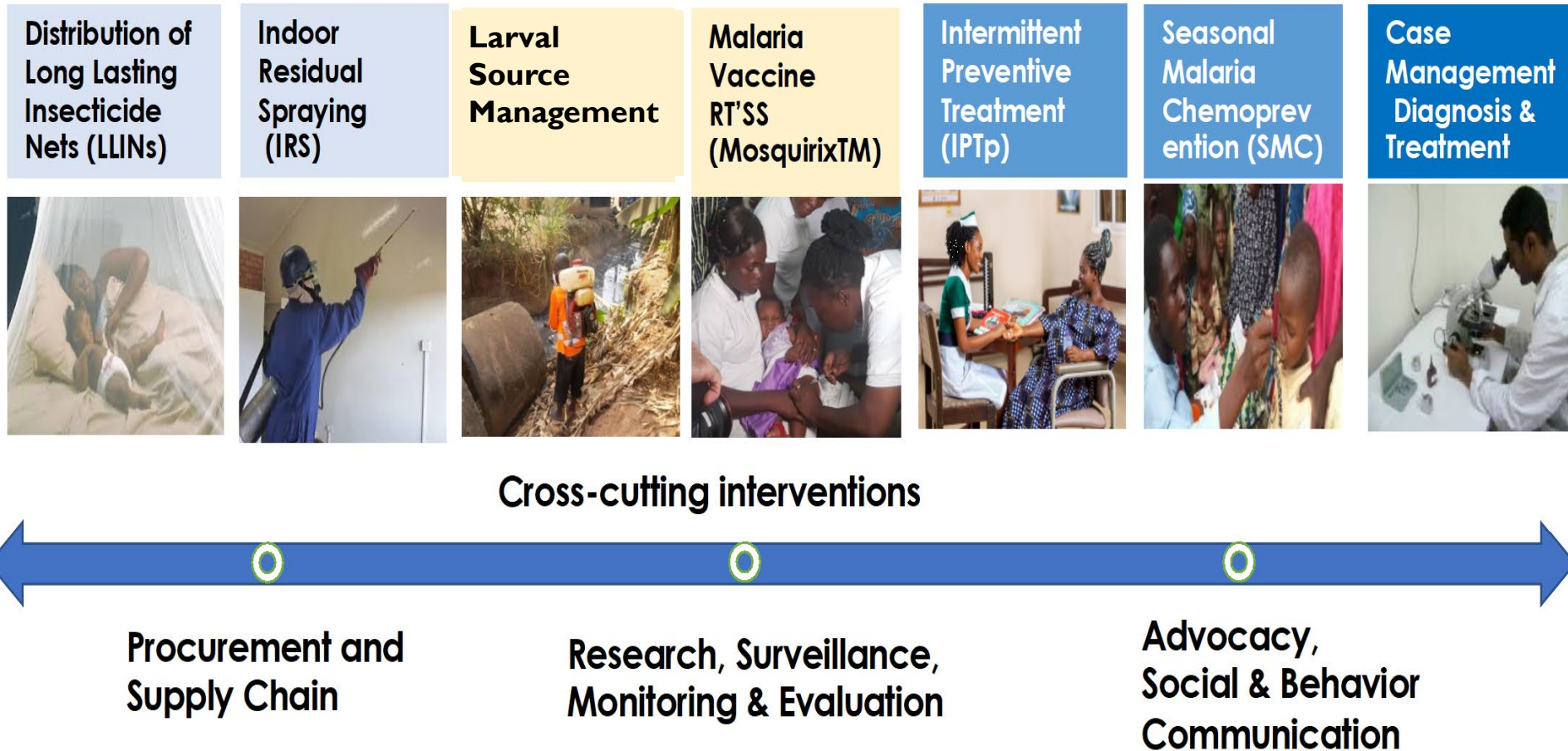


# Malaria Strategic Plan 2021-2025



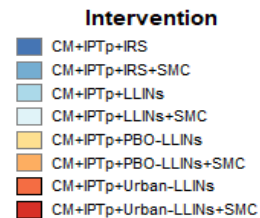
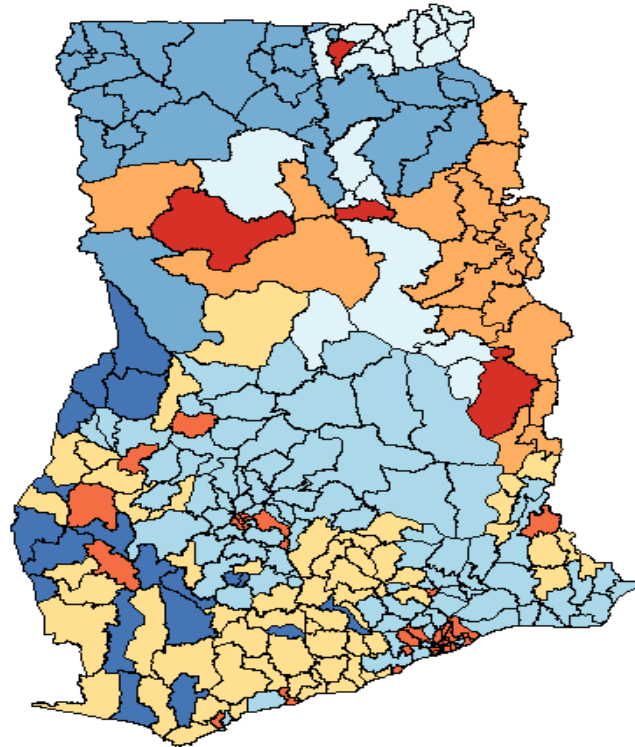


# Malaria Interventions Implemented in Ghana



# Geographical Coverage of Major Malaria Control Interventions in Ghana : NSP 2021-2025

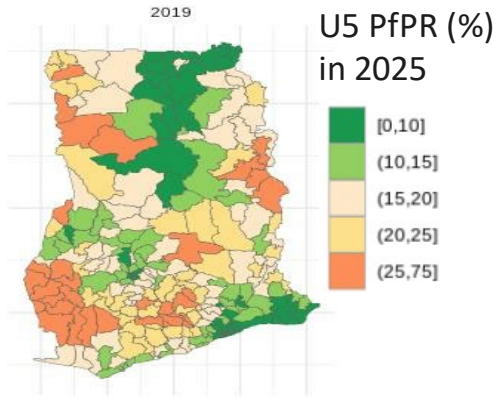
Intervention mix from 2019 stratification,  
Ghana, 2019



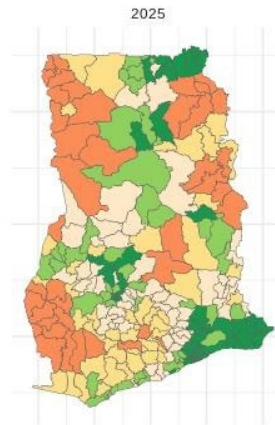
Strategic Interventions	Coverage (Scope and Scale)/Districts	
	NSP 2014-2020	NSP 2021-2025
ITN distribution; Routine	<b>260</b> (Nationwide)	<b>260</b> (Nationwide)
ITN distribution; Mass Campaign	<b>235/260</b> (Except IRS dist)	<b>217/260</b> (Except IRS dist)
IRS	<b>25</b> (All dist in Upper West, Obuasi, 3 districts in Upper East and 9 dist-Northern region)	<b>43</b> (All dist in Upper West, Obuasi, 3 districts in Upper East and 9 dist-Northern region, 18 additional districts)
Larva Source Management	<b>105</b>	<b>105</b>
IPTp	<b>260</b> (Nationwide)	<b>260</b> (Nationwide)
SMC	<b>55</b> (NR, UER & UWR)	<b>68</b> (NR, UE, UW, Oti, Bono East [5 dist])
Malaria Vaccine	<b>42</b> (Ahafo, BR, BER, CR, OR, UER, VR)	<b>92*</b> (Ahafo, BR, BER, CR, OR, UER, VR)
Case Management	<b>260</b> (Nationwide)	<b>260</b> (Nationwide)

# LIKELY RESULTS FROM IMPLEMENTING NSP FULLY

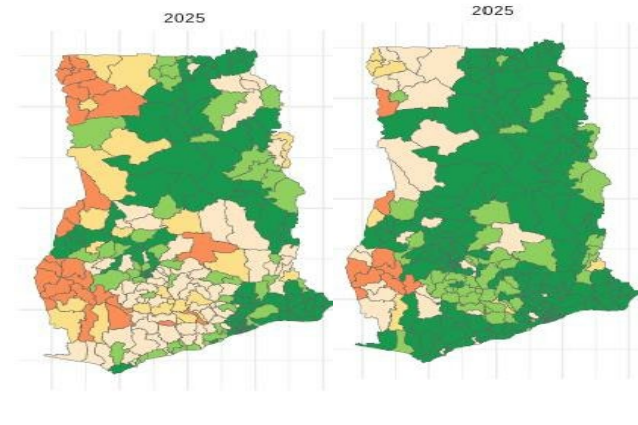
Baseline 2019



Business as Usual



National Strategic Plan



District distribution of expected under 5s prevalence in 2025

\*Current coverage

\*Current coverage

\*High coverage

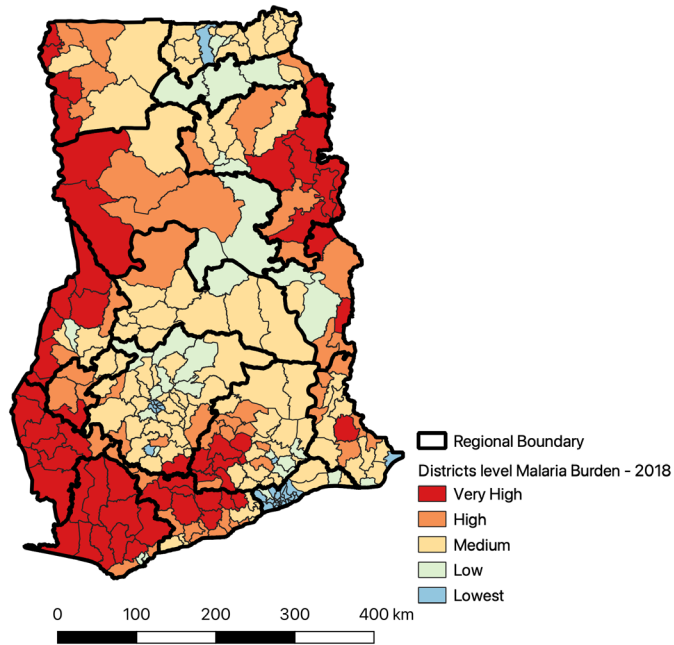
Under-5 PfPR	# districts in 2019	# districts in 2025		
		BaU	NSP (current)	NSP (high)
>25%	32	41	27	9
20-25%	43	46	23	7
15-20%	68	58	65	25
10-15%	49	43	46	44
<10%	68	72	99	175

- The NSP plans under current coverage are expected to lead to nearly 100 districts with prevalence below 10%
- The NSP with high coverage is predicted to lead to 175 districts with prevalence below 10% and only 9 with prevalence > 25%.

Useful for visualizing expected impacts at district level for advocacy, resource mobilization and better planning

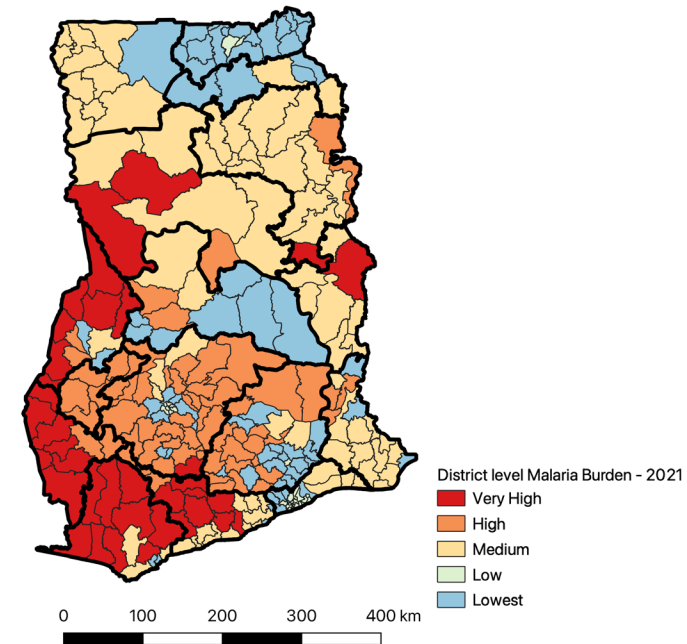
# Two years after implementation of NSP 2021-2025

Risk strata combining incidence, prevalence and All-cause U5 mortality rate, 2018



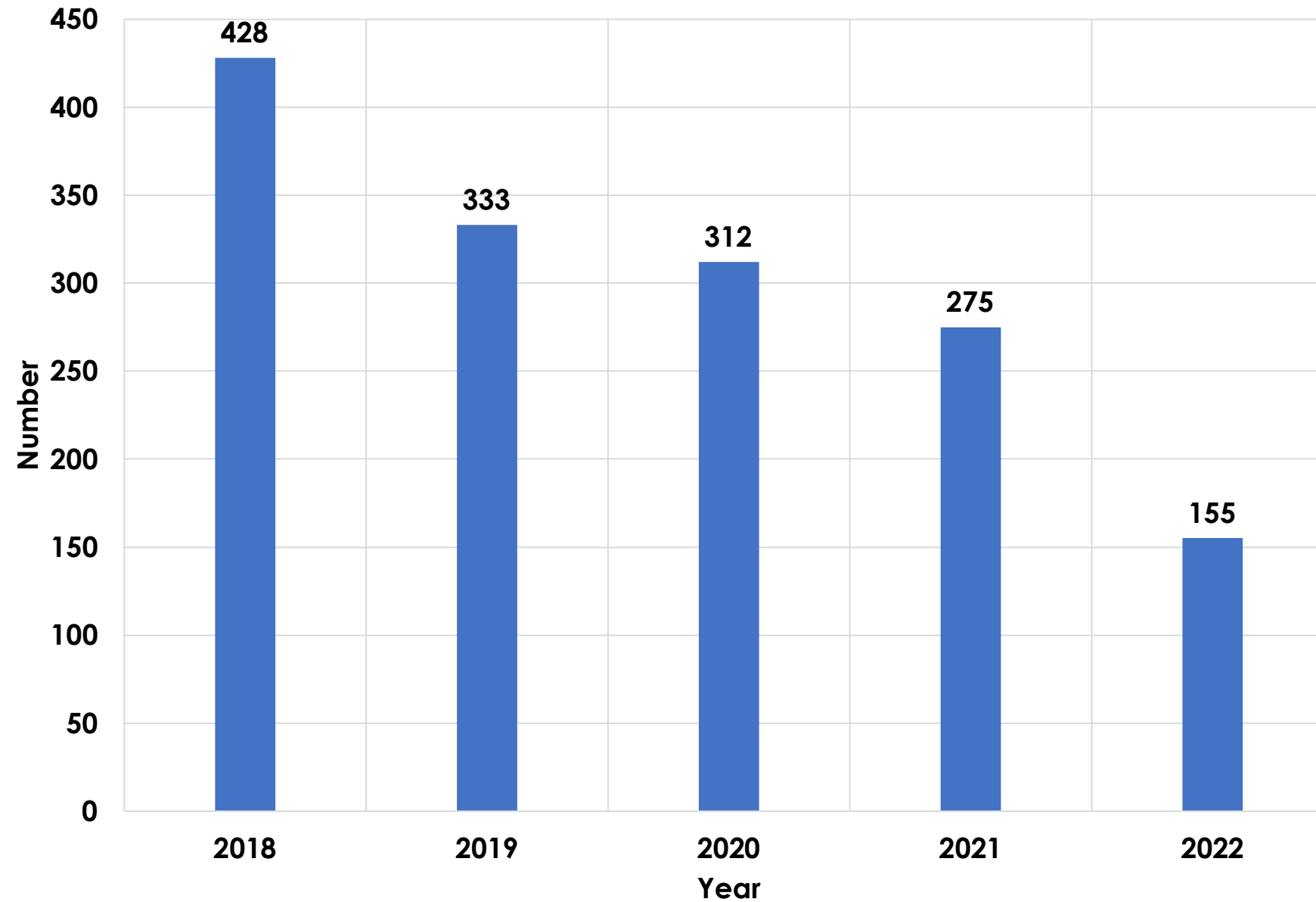
2018

Risk strata combining incidence, prevalence and All-cause U5 mortality rate, 2021

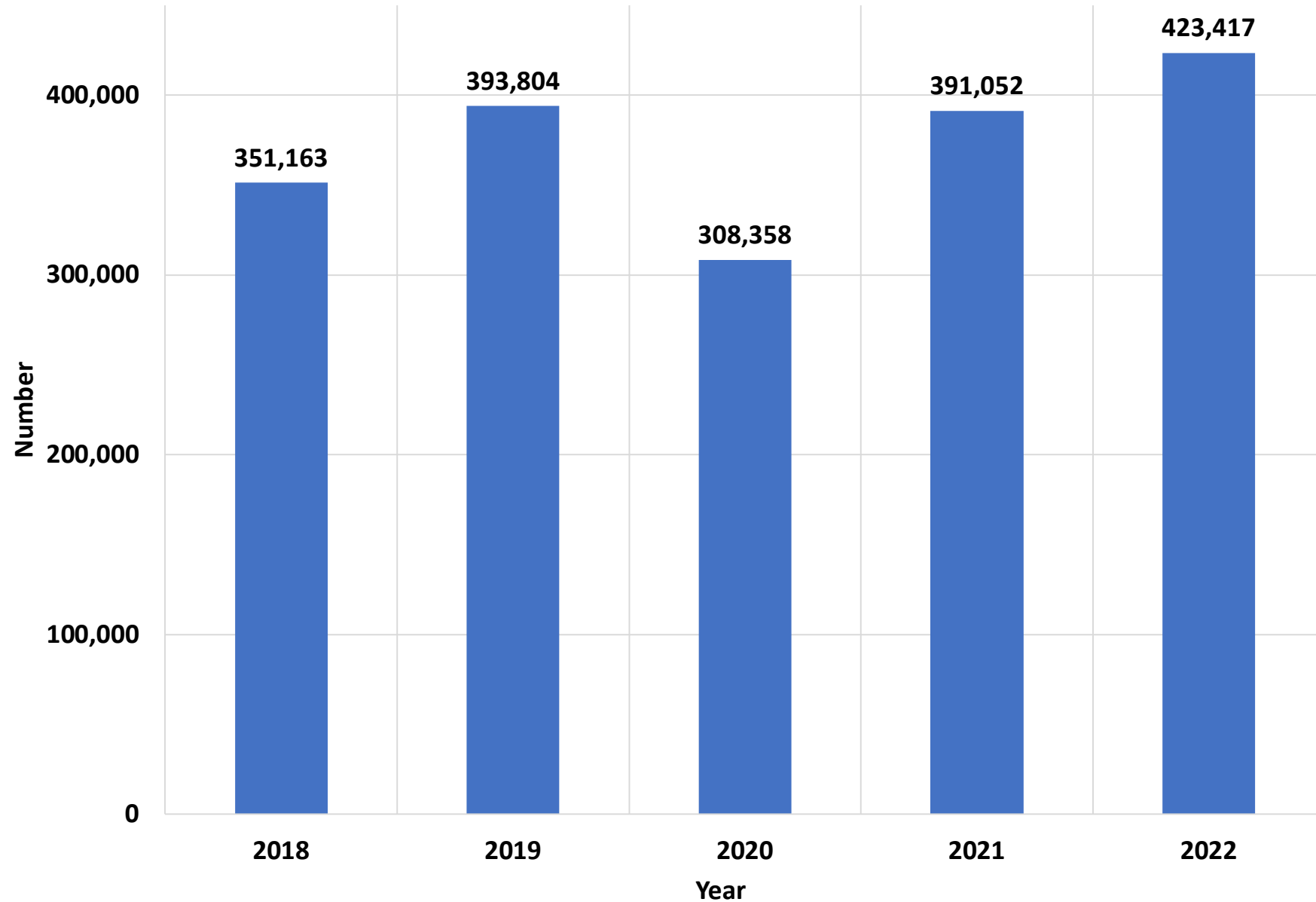


2021

## In-patient malaria Death, Ghana, 2018 -2022

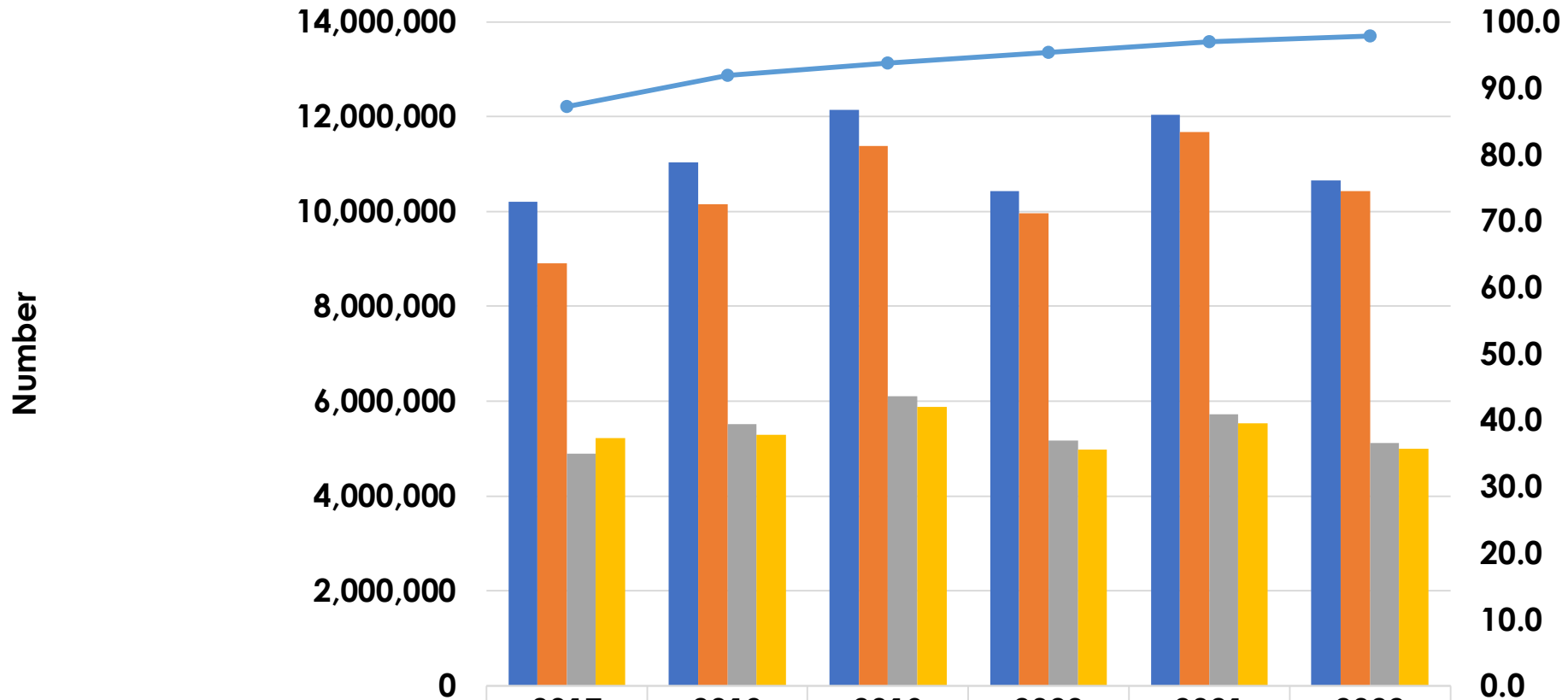


**Number of admitted cases attributable to malaria , Ghana, 2018 -2022**





# Trend Uncomplicated Suspected malaria cases, Ghana, 2018 - 2022



Uncomplicated Suspected malaria cases	10,211,971	11,040,880	12,137,221	10,431,373	12,036,437	10,661,663
Tested Malaria cases	8,911,490	10,146,427	11,375,056	9,953,957	11,679,876	10,435,117
Confirmed Malaria Cases	4,893,959	5,510,210	6,110,913	5,171,912	5,733,013	5,127,133
Malaria cases treated with ACTs	5,227,683	5,287,610	5,874,154	4,976,677	5,527,901	4,992,531
Testing Rate	87.3	91.9	93.7	95.4	97.0	97.9

Source: DHIMS2

National Malaria Elimination Programme-Ghana

# MALARIA ELIMINATION AGENDA

The Director General announcing the strategic shift from control to **MALARIA ELIMINATION** in Ghana

This requires all players in the fight against malaria shift the focus from control to Elimination;

- Conscientizing communities
- Improve strategic partnerships
- Increase focus on malaria at all levels
- Implementing malaria elimination strategies



## NEXT STEPS

- Harmonize all the thematic documents(**MEAT**)
- **Mid Term Review(MTR)** of the current strategic plan starts in January 2023
- Develop **National Malaria Elimination Strategic Plan**(NMESP) by March 2023
  - ✓Based on the MEAT and MTR
- Submit to the **Presidency** through GHS/MOH (By April 2023)
  - ✓**Launch** the NMESP
  - ✓Form the **multi-sectorial task force**

# Conclusion

- We have made progress within challenging operating environment
- We have shown that given the right resources we are able to achieve results
- We need your continuous **Support** to implement activities as scheduled for best possible outcome

# Acknowledgement

- The Global Fund
- USAID/PMI
- WHO
- GAVI
- PATH
- UNITAID
- Research Institutions
- Academia
- MOH
- The Director General , GHS
- Director PHD and Staff
- PPME/GHS
- RDH and DHS
- All health facilities

# Discussions





# Thank You