

Guinea's National Malaria Control Program (NMCP) included providing additional access to insecticide treated nets (ITN) through continuous distribution (retail, schools or community) as a key strategy in their 2018-2022 Strategic Malaria Control Plan.

# EVALUATION OF GUINEA INSECTICIDE TREATED NET SCHOOL DISTRIBUTION PILOT

Guinea NMCP, in collaboration with its partners, identified school distribution as a feasible method to maintain ITN coverage between universal coverage campaigns.

VectorWorks, a five-year USAID funded project, collaborated with President's Malaria Initiative Guinea, the Guinea NMCP, the Ministry of Education and Literacy, and other malaria partners working in Guinea to implement a school distribution pilot in April 2018



- ➔ School pilot implemented in Boffa; evaluated in Boffa with Dubreka as a control district
- ➔ 1040 households surveyed from May 5-16, 2018
- ➔ Survey included questions on demographics, net ownership, net use and exposure to SBCC messages surveyed from May 5-16, 2018



**182** primary schools in Boffa participated in the pilot



**20,488** ITNs distributed to students in classes 1, 3 and 5



**673** teachers trained in causes of malaria, malaria prevention, and distribution of ITNs



**180** radio spots broadcast in 3 languages (Pular, Bagga, Susu) over 6 weeks



# EVALUATION OF GUINEA

## INSECTICIDE TREATED NET SCHOOL DISTRIBUTION PILOT

This evaluation aimed to understand the context of ITN access and ownership in households following a school distribution campaign

## Preliminary Results

Boffa: Dubreka  
Intervention Site: Control Site



ITN OWNERSHIP

**80% VS 53%**

of households own at least 1 ITN\*

**19% VS 2%**

of households received an ITN from a school distribution ITN\*



ITN ACCESS

**31% VS 21%**

of households have at least one ITN for every two members\*

**58% VS 38%**

of the population have access to an ITN within their own household



ITN USE

**47% VS 24%**

of the population used an ITN the previous night\*

**35% VS 18%**

of school aged kids<sup>1</sup> used an ITN the previous night\*



Similar trends seen among kids under five, women aged 15-49, and pregnant women



EXPOSURE TO MESSAGES

**56% VS 3%**

of households heard about school ITN distribution messages\*

**48% VS 6%**

of households heard messages about ITN use, care, and repair\*

\* statistically significant at  $p < 0.05$   
<sup>1</sup> children aged 5-15 years



U.S. President's Malaria Initiative



**VECTOR WORKS**  
Scaling Up Vector Control for Malaria Prevention