

VECTOR CONTROL UPDATES FROM THE U.S. PRESIDENT'S MALARIA INITIATIVE



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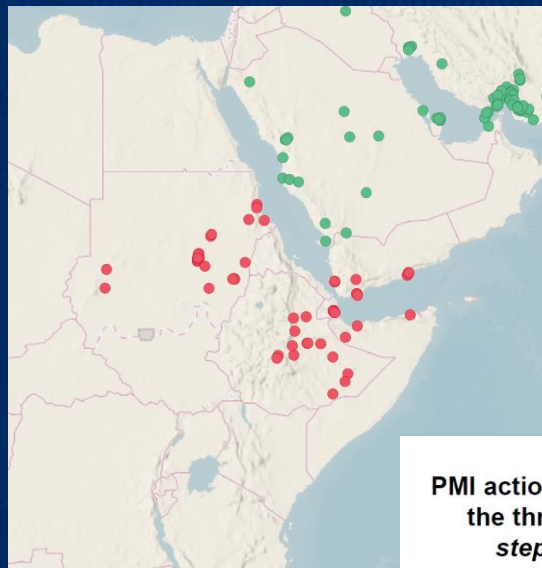
PMI STRATEGIC FOCUS AREAS

With partners, PMI will maximize program efficiency by addressing five focus areas;

- reach the unreached
- strengthen community health systems
- keep malaria services resilient
- invest locally
- innovate and lead.

Anopheles stephensi

- PMI Action Plan
- Modeling of the potential impact of *An. stephensi* in Ethiopia, and vector control options
- Monitoring *An. stephensi* in countries with and without *An. stephensi*.
- Implementation of larviciding to control *An. stephensi* in urban areas



PMI action plan to respond to the threat of *Anopheles stephensi* in Africa



January 2022

ENTOMOLOGICAL MONITORING

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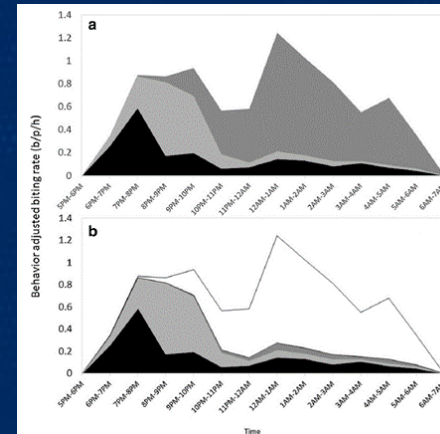
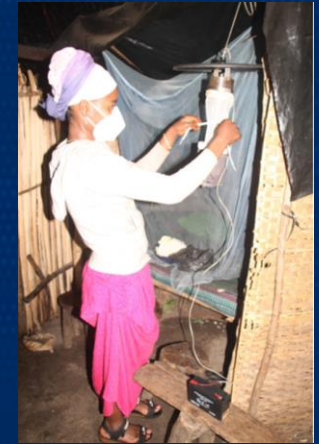


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Entomological monitoring

- 252 entomological monitoring sites and 262 insecticide resistance monitoring sites
- Question based entomological monitoring
- Human behavior observations
- Community based entomological monitoring
- Data collection
 - VectorLink Collect has now developed entomological monitoring modules
 - Close collaboration with WHO DHIS2-based entomological monitoring and vector control implementation tools to ensure interoperability



DHIS2 standard packages demo

Explore the WHO standard metadata packages for entomology and vector control and supporting DHIS2 application in our life demo. Available in English, French, Portuguese and Spanish.

INSECTICIDE TREATED NETS

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PMI VECTOR CONTROL

ITNs



43,755,604

nets procured

45,709,022

nets delivered

94%

Of nets distributed were “new nets”

INDOOR RESIDUAL SPRAYING

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PMI VECTOR CONTROL

IRS



5,750,411

houses sprayed

21,235,024

people protected

33,086

spray personnel trained

OPERATIONAL RESEARCH / POLICY

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Operational research / policy changes

- Indoor ATSB use
 - Protocol finalized to evaluate indoor use of ATSB stations compared to IRS, hut study to be done in Cote d'Ivoire
- Housing improvement
 - Cluster randomized control trial to begin in April 2022
 - Pilot study resulted in choice of Eaves tubes / Full house screening for the RCT
- Partial spraying
 - Second hut study completed in Cote d'Ivoire
 - Large scale trial with epidemiological outcomes in development
- Topical repellent use
 - In elimination settings, PMI may procure topical repellents



THANK YOU.

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