

Kenya Indoor Residual Spraying for Control of Malaria

Objective

The Indoor Residual Spraying (IRS) project in Kenya is part of the U.S. President's Malaria Initiative (PMI) program to reduce the impact of malaria in sub-Saharan African countries. By supporting the Government of Kenya in several activities including Indoor Residual Spraying (IRS), the project aims to reduce malaria related mortality in Kenya by 50%.

Project status

Partnership with USAID/Kenya and PMI with the Division of Malaria Control (DOMC) began in 2008 and will close in February of 2013. PMI supported IRS in 3 endemic districts (Nyando, Migori and Rachuonyo) along the shores of Lake Victoria in Nyanza Province.

Key activities

RTI International provides technical and operational support to DOMC for IRS activities in selected districts. The key activities are:

1. Support IRS planning, operations and logistics for implementation in Kenya.
2. Ensure all aspects of the IRS program are implemented in an environmentally sound manner, in compliance with all Kenyan and United States Government environmental regulations.
3. Strengthen the ability of DOMC to plan, implement and monitor IRS operations.
4. Program Monitoring and Evaluation.

Achievements

- **3,249** personnel trained in 2011 including spray operators, mobilizers, Community Health Workers (CHWs), environmental inspectors, and supervisors.

- Community leaders/stakeholders educated on IRS including their roles and responsibilities on IRS campaign.
- IRS mobilization rolled out successfully in Rachuonyo district using the CHWs.
- **492,623** structures (89% of target structures) were sprayed in 2011.
- A total of **1,832,090** residents were protected against malaria in the sprayed structures.
- **380,070** (20.7%) children under 5 years of age were protected against malaria in 2011.
- **40,070** (2.2%) pregnant women were protected against malaria in 2011.
- Procurement of protective clothing and insecticide conducted in timely manner.
- Environmental and human safety measures from insecticide contamination enforced.
- All IRS wastes disposed in accordance with the National Environmental Management Authority (NEMA) safety requirements.

Contacts

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UPDATED: September 2011