

INDOOR RESIDUAL SPRAYING FOR MALARIA CONTROL

Indoor Residual Spraying (IRS) Program

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turning knowledge into practice

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Strong Partnership with Ministry of Health Yield's Benefits to the IRS Project

The strong partnership between RTI, NMCP and the Ministry of Health officials at the Atacora region has been of tremendous benefit to the RTI Benin project. This close partnership and collaboration saw RTI being offered free office space within the regional Ministry of Health compound. The regional head of prevention and epidemic services, who also leads the IRS project in Atacora Heath Department, assisted RTI in identification of an incinerator for IRS solid wastes disposal. This was done through collaboration with other health service providers in the region. The identified incinerator has double chambers and meets the stipulated temperature requirement (>1500 degree Celsius) according to WHO. It is located in Languieta St de Jean de Dieu Hospital about 40Kms from Natitingou where the central warehouse is situated.



A double chamber incinerator of St. Jean de Dieu Hospital of Languieta

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Milestones on Entomological monitoring - Liberia/Angola

In countries where the IRS project is being implemented, RTI has been striving to build entomological capacity in NMCPs using the 'learning by doing' method. IRS started in countries where there was barely any infrastructure, resources and capacity to conduct effective entomological monitoring. This continuous effort has seen insecticide susceptibility tests and other aspects of entomological monitoring conducted between April and June in Liberia and Angola by locally trained technicians with support from the Nairobi Regional Office. They are able to do the following among other things:

- Larval sampling and rearing
- Manage a field insectary
- Do Pyrethrum Spray Catches
- Wall bioassay tests



Larval sampling – Liberia

The continuous support to these countries from Nairobi regional office has seen the strengthening of entomological skills leading to the successful monitoring as witnessed during this quarter.



Pyrethrum spray Catch – Huambo Angola.

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Kenya IRS Pilots a Reduced Mobilization Strategy

As part of capacity building and cost cutting effort, the Kenya IRS project is currently piloting a strategy in one district that will see the reduction of community mobilization effort. This involves the use of the existing Ministry of Health community structure which is composed of community health workers (CHWs) assisted by the local administration to conduct door-to-door community mobilization.



Community Mobilizers and IEC coordinator

The strategy involves the recruitment of CHWs from their villages where they conduct community mobilization in a specified geographical area. The advantages of the strategy include increased IRS acceptance, reduced costs and increased capacity building to local partners for project sustainability.



Community leaders during a sensitization session.

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Visits

During the reporting quarter, the Nairobi Regional Office hosted the following visitors from DC and North Carolina.

- Jill Tenace Director of Finance, Global Health
- Becca Price PAS, North Carolina
- Nicole de Gier PAS, DC
- Ricel Valdes PAS, DC

Project Update

- During the reporting quarter, the following countries were conducting their spray campaigns; Benin, Ethiopia, Ghana, Kenya, Liberia, Mali and Senegal.
- 🛮 🗏 Benin and Liberia completed their spray campaigns in June.