PMI’s IRS Program & Capacity Building Updates

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Presentation Outline

• Update on PMI’s programs
• Data Driven Decision Making
• Capacity Building
FY 2012 Results

>7.1 Million Houses sprayed in 16 countries

>30.2 Million Residents protected by IRS

>34,000 Personnel Trained as spray operators, team leaders, or supervisors

High Coverage >92% coverage of targeted structures achieved in all countries
FY 2014 Program Focus

Proposed total IRS budget: $89.7 million
Adjusting IRS Results to Settings
2014

* Indicates projected targets
Insecticide Resistance Data: Ghana Example

- Used pyrethroids from 2008 – 2011 as program scaled-up from 5 to 9 districts
- Emerging insecticide resistance and the transmission season necessitated a switch to a long lasting organophosphate
- Higher cost of the organophosphate forced a reduction in program size from 9 to 4 districts
- Preliminary study results comparing pyrethroid & organophosphate spray rounds show 61% reduction in malaria burden
Data Driven Focal IRS in Madagascar

• National strategy = 3-4 years of blanket spraying before focal

• Focal spraying transition
  – 2012: Highlands & Fringe
  – 2013: Highlands, Fringe & South

• ~30% of communes selected:
  – Malaria incidence is > 1 per 1000
  – RDT positivity rate is > 5%
  – Communes have had epidemic alerts

• Withdrawal implies adequate coverage with LLINs, RDTs and ACTs
Capacity Building

- Training
- Joint supervision
- Country-level capacity and implementation
- South-to-south technical assistance
- Direct government funding for IRS
Capacity Building Case Study: Ethiopia

- Community-based IRS pilot in 6 districts
  - Utilizes existing government HEW structure
  - Potential to be more sustainable and cost-effective
AIRS Video: Community Based IRS Pilot in Ethiopia
Thank you!