RBM Partnership To End Malaria

24 May 2023

Global Malaria Dashboard Updates

34th SMERG Meeting

Presentation Outline

- Background

- Progress in the last 2 years

- Next Steps

- Conclusions & Challenges

Background

- **14th RBM Board Meeting Resolution (2019)**
  - The RBM resolved to develop a dashboard to enhance progress in the fight against malaria leveraging on the critical role of using data.

- **Accelerating Progress in Malaria through Better Use of Data Workshop (January 2020)**
  - McKinsey & Company facilitated a workshop with the broader Malaria Stakeholders to:
    - Scope & align the value addition of the Dashboard to the countries in the existing data landscape
    - Review the set of questions that the dashboard would likely answer.
    - Discuss implementation steps, data sources, audience, and dashboard creation process.

Background: Outcome of the Workshop

Gap

Country

Global

Data collection
- Country data management platforms (DHIS2, LMIS, etc.)
- Nationally representative surveys (MIS, DHS, MICS, etc.)

Program managmement
- County-owned ALMA supported scorecards
- MACEPA Visualize No Malaria
- Country specific solutions

Data analysis
- WHO supported dashboards for HBHI countries
- PMI/CIVIS platform
- Academia supported (e.g. STPH) real-time data visualization systems

Regional collaboration & accountability
- Elimination 8 South Africa regional initiative
- RBM CRSPC Western and Central Africa Sub-Regional Network
- ALMA supported scorecard for accountability and action

Global coordination

Gap
- Limited opportunities for countries to bring current challenges to the attention of global stakeholders' ecosystem
- Lack of a platform for global stakeholders to coordinate global response
- Limited visibility on global near real-time data in the community

Mechanism of record:
- World Malaria Report
- Global Health Observatory
- IHME Global Burden of Disease

GUIDING PRINCIPLES

HOW

Country-centricity

Provides country representatives with an opportunity to escalate country challenges requiring global attention

Global action focus

Allows a data- and action-driven response from global stakeholders on critical areas on a quarterly basis

Future action orientation

Evaluates progress with the goal of enabling effective response going forward. Focuses on empowering future country capacities

Data ownership

Respects country data ownership and manages and shares data only with explicit consent from countries

Continuous data improvement

Uses best available data with explicit acknowledgement of its flaws; does not apply the same level of rigor / cleaning as a system of record like the World Malaria Report

Process evolution

Continuously improves the dashboard and associated process as new experiences and lessons emerge

2A Anchoring the scope of the dashboard on country needs highlights 13+ critical actions

Action

Tier 1 priorities

Secure funding for specific gaps

Catalyze external funding, including urgent funding needs, reprogramming requirements, and structural deficits, by providing visibility on funding gaps at national level, by intervention area

Support country-level outbreak response

Develop codified outbreak response and escalation mechanism and enable reactive and predictive outbreak procurement (e.g., through enhanced weather forecasting)

Prevent and manage stock outs actively

Monitor and predict stock at the country level to ensure sufficient levels

Optimize timing of interventions

Improve timing and length of vector control and season-related interventions to mitigate risk and minimize epidemics

Increase funding absorption if underspending

Provide visibility on country-level absorption rate to allow for action in case of underspending and operational challenges

Tier 2 priorities

6 Support near elimination and elimination countries

Sustain resource mobilization to monitor case load and response tailoring, given a country's situation

7 Adapt response to emerging resistance

Focus on and target anti-resistance interventions to areas where data suggests emerging/impact of resistance (e.g., based on intervention effectiveness data)

Support urgent technical and implementation needs

Provide countries with platform to raise key technical needs on the global level and mobilize the necessary technical expertise

9 Optimize utilization of new drugs and tools

Monitor adoption of new norms, standards, products or intervention, to further penetration, if necessary

10 Bring transparency and collabo-ration to cross-border issues

Enable mobilization of resources in areas with increased malaria transmission due to cross boarder mobility through enhanced data sharing

Foster data quality

Improve quality of reported data over time through increased focus on the metrics reported for the RBM dashboard

12 Review quarterly developments in malaria cases

Understand trends in malaria transmission, care seeking, treatment and outcomes compared to previous periods to focus on challenging areas

Coordinate key interactions and milestones from country to global level

Enable countries to align stakeholders processes to minimize load, simplify reporting, and promote accountability

Progress in the last 2 years (1)

- 16 Dashboards have been developed and published together with the RBM stakeholders.
- These Dashboards are updated, in real time, quarterly and annually.

Secure Funding for Gaps
- Programmatic & Financial Gaps.

Support Outbreak Response
- Weather Forecast Dashboard

Increase Funding Absorption
- Global Fund Dashboards (3)

Stockout Prevention & Management
- Supply Chain Dashboard
- Commodities Forecasting Dashboard (2)

Support Urgent Technical & Implementation needs
- Country Support Dashboard

Optimise Timing of Interventions
- Campaigns Dashboard (4)

Coordinate key interactions among stakeholders
- Surveillance Projects

Advocacy & Information
- Malaria Epidemiology
- Malaria Data Repositories

Progress in the last 2 years (2)

- Improved design, functionality and user experience of the dashboards.

- All the data feeding into the dashboards are done through automated workflows.

- Every quarter after each data update, quarterly calls are conducted with stakeholders to discuss key issues (bottlenecks) and actions e.g risk of stockouts, delayed campaigns etc.

- Marked interest among several stakeholders to contribute to the dashboard.

- Data Sharing Agreement signed with The Global Fund, looking to sign with PMI soon.

Next Steps

- Countries have shown interest in the Global Malaria Dashboard and they requested to build their own dashboards for advocacy, and information dissemination.
  In response:
    - RBM is working on supporting countries to build their own Dashboards.
    - 11 Countries (Surveillance & M&E Officers) were trained in March 2023
    - Currently working with countries to improve and publish the 1st drafts.
    - Quarter 4, the plan is to train more countries

- Currently working on migrating the Global Malaria Dashboard from a minimum viable platform to a fully fledged interactive and dynamic platform user centric platform.

Conclusion and Challenges

- The Global Malaria Dashboard has gained momentum and traction in the past 2 years and in its design it has addressed the pertinent use cases.

- There is still room for further enhancements, and partners are more than welcome to participate in its improvement.

https://dashboards.endmalaria.org/dashboard

- The current Platform is a minimum viable product, unreliable, lack of modern capabilities and very expensive.

- The team is quite lean (1.5) impacting on progress.

Special thanks to the RBM Partnership Stakeholders

- A lot of stakeholders (implementing partners, universities, and countries) have made input into the development of the Global Malaria Dashboard.

- Funding for the Global Malaria Dashboard was provided by:

BILL & MELINDA
GATES *foundation*