

NEWSLETTER

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MEASLES ANALYTICS HUB

www.measles-analytics.org

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Welcome to the Q4 MAH Newsletter

As 2025 draws to a close, the Measles Analytics Hub (MAH) continues to advance efforts to strengthen global measles modelling and data-driven decision-making. During the recent quarter, MAH modellers informed Gavi technical consultations and contributed evidence that supported Gavi Board decisions on funding adjustments for future programmes under Gavi 6.0. We also launched and awarded our first Request for Proposals, enabling new research collaborations to inform the rollout of measles IgM Rapid Diagnostic Tests (RDTs). In addition, several thematic working groups were established, including those focused on regional priorities in the Western Pacific region, SIA age targets and transition strategies, and exploring the MAH as a model for equitable global health modelling.

Last month marked the first anniversary of the MAH. Over the past year, we've built a vibrant global community of modellers and public health partners, fostering collaboration across regions and disciplines. From advancing measles modelling in high-burden countries to launching new working groups and capacity-building initiatives, it has been a year of meaningful progress. As we look ahead to 2026, we do so with optimism—new projects, strengthened partnerships, and continued commitment to evidence-based strategies for measles elimination.

MAH - SACEMA Workshop

In late October 2025, the MAH partnered with The South African Centre for Epidemiological Modelling & Analysis (SACEMA) to deliver a hands-on workshop in Stellenbosch, South Africa, as part of their Policy Modelling Fellowship programme. The fellowship aims to equip early-career researchers from high-burden settings with the skills to apply infectious disease modelling to policy decisions. The three-day engagement (29–31 October) brought together MAH members and SACEMA fellows for presentations, interactive sessions, and one-to-one mentoring. Activities included showcasing best-practice examples of measles modelling for stakeholders and a panel on strategies for engaging decision-makers. Fellows presented their work on measles and polio modelling, receiving tailored feedback from MAH experts on interpretation of results and effective communication with policymakers.

Workshop reflections

During the workshop, I benefited greatly from the practical guidance offered by MAH colleagues, particularly regarding how to tailor my presentation to a diverse, non-modeling audience. Their main recommendation was to limit overly technical content—such as detailed methodological steps or dense mathematical terminology. At the stakeholder meeting, my presentation was well received, with stakeholders expressing strong appreciation for the clarity of the results and the relevance of the modelling insights for decision-making. Participants from the Ministry of Health and partner organizations (WHO, UNICEF, AfricaCDC, PATH, etc.) acknowledged the value of the analyses for guiding outbreak preparedness and response. There is ongoing discussion between my home institution (Kinshasa School of Public Health) and the MoH regarding a partnership to keep doing the modeling analysis on a regular basis.

— Dr Armand M. Mutwadi, SACEMA Fellow, DRC

As a fellow from the Nigeria Centre for Disease Control and Prevention, I found the three-day intensive mentorship session both insightful and transformative. The collaborative spirit and knowledge exchange during these three days will continue to influence my work. For fellows like myself working at national public health institutes, this mentorship represents a vital bridge between academic excellence and practical public health application—a connection that is essential for achieving my future career goals.

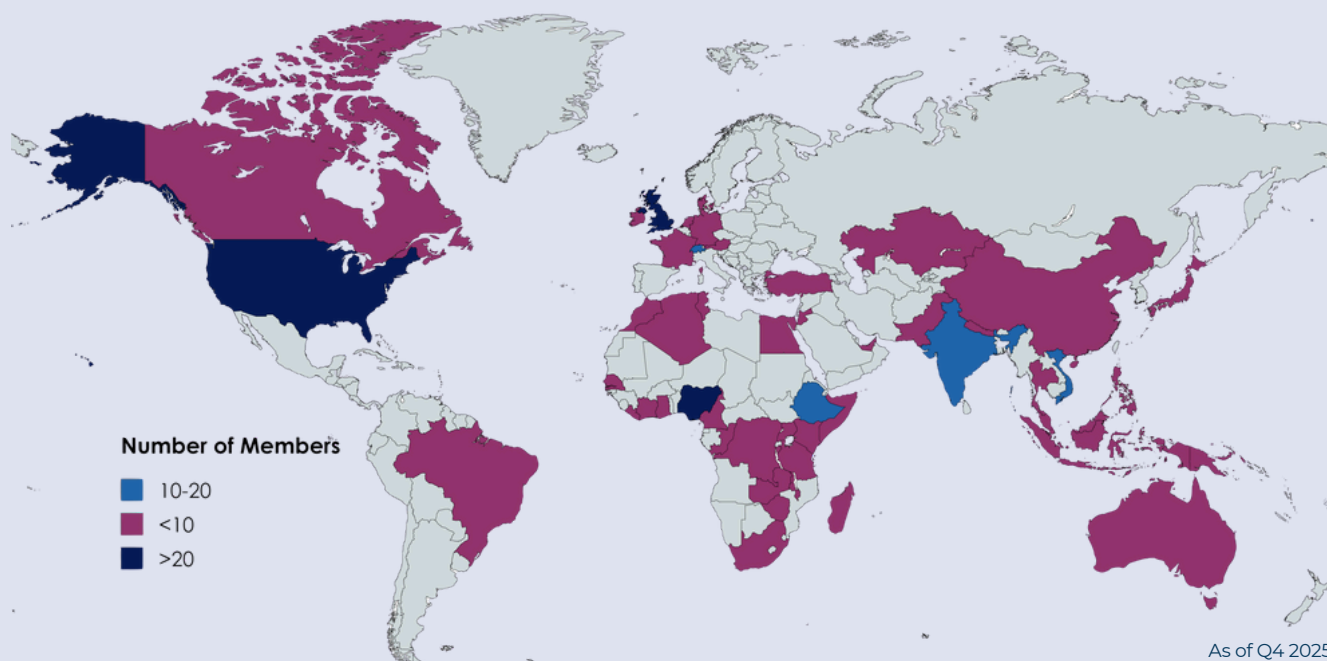
— Mr Stephen Ohuneni, SACEMA Fellow, Nigeria



Photo courtesy of Esther Leke

Current Membership

The MAH currently has 332 members from 52 countries.



MAH Technical Vetting Committee

The MAH is establishing a Technical Vetting Committee (TVC) to strengthen the quality and credibility of models and tools shared with external partners. As the MAH grows, it is essential to ensure that outputs endorsed by the Hub meet rigorous scientific standards. The TVC will provide structured, internal peer review of modelling approaches, software, and documentation—offering a “stamp of technical approval” before these resources are used for policy or operational decision-making. This process will enhance transparency, foster trust among stakeholders, and create a culture of collaborative technical validation within the community. Committee members will also help shape best-practice guidelines for measles modelling and analytics.

We are seeking experienced modellers with:

- A PhD in a relevant field (epidemiology, statistics, mathematics, computational modelling).
- At least five years of modelling experience.
- Strong quantitative skills; proficiency in multiple coding languages is an asset.
- Demonstrated experience in peer review and technical evaluation of models.

To apply, please submit your CV and a short statement of interest via by 15th January 2026 to vimc-mah@imperial.ac.uk with ‘TVC Application’ in the subject line.

Best practice showcase

This quarter, we showcase work being done by MAH members in Ethiopia. Project HOPE, in partnership with the Ethiopian Public Health Institute (EPHI) through its National Data Management Center (NDMC), successfully convened a one-day consultative discussion focused on assessing what can be done to strengthen evidence for measles preparedness and response. The event brought together 26 participants from the Ministry of Health's EPI Department, EPHI's VPD and NDMC teams, regional health bureaus, international partners, and donors. The discussion marked a significant milestone with the official launch of the Measles Analytics and Modeling Platform (MAMP), a multi-stakeholder initiative designed to integrate data, evidence generation, and predictive modelling into decision-making for measles elimination in Ethiopia.

Research Topic

Strengthening Evidence for Measles Preparedness and Response in Ethiopia

MAH Collaborators

- **Project HOPE**
- **National Data Management Center (NDMC), EPHI**

Collaboration details & achievements

Participants identified and prioritised critical gaps in measles prevention and outbreak management, particularly around zero-dose children, surveillance inconsistencies, and delays in outbreak response. Stakeholders also co-developed a priority evidence agenda and validated the conceptual framework for MAMP, ensuring national ownership and alignment with Ethiopia's public health strategies and goals. The discussion demonstrated how structured dialogue, technical exchange, and collaborative planning can bridge evidence gaps and strengthen outbreak preparedness. By embedding MAMP within EPHI and engaging partners across government, donor, and NGO communities, Ethiopia is setting a best-practice model for translating evidence into action for vaccine-preventable disease control.



Photos courtesy of Project HOPE

News submitted by MAH Members

Publications

Antoni, S. et al. **Progress towards measles elimination – worldwide, 2000–2024**. Weekly Epidemiological Record, 2025, vol. 100, 48

- Press release: “Measles deaths down 88% since 2000, but cases surge”



MAH at NDMC, Mumbai, India

The MAH participated in the National Disease Modelling Consortium (NDMC) conference, held at IIT Bombay, India, 8-11 December 2025.

MAH was represented by Amy Winter (University of Georgia), Indrajit Ghosh (Ahmedabad University), Siuli Mukhopadhyay (IIT Bombay), Dr Navneet Bichha (INCLIN Trust International), Gautam Menon (Ashoka University) and Mulugeta Geremew (Ethiopian Public Health Institute), who contributed insights on outbreak prediction, surveillance optimisation, and integration of rapid diagnostic tests (RDTs) into modelling frameworks. Their engagement highlighted how global experiences can inform India's modelling approaches, fostering collaboration and capacity-building to strengthen measles elimination efforts.

More information about the conference can be found [here](#).



Photo courtesy of Indrajit Ghosh

Secretariat News

Save the Date

The Quarter 1 2026 MAH meeting will be held *online* on:

9th March 2026 at 15:00 GMT

A calendar invite was sent out to members alongside this newsletter. If you did not receive the invite, please make sure you are a registered MAH member, which ensures you are subscribed to emails and meeting invites.

You can register for MAH membership [here](#).

Issues accessing Teams?

The MAH utilises Microsoft Teams for communication amongst members. All members were invited to the network upon joining, however, several authentication and security steps must be taken to fully access the network. If you are still struggling, please read this short document outlining some troubleshooting steps.

Access troubleshooting [here](#).



Please share your news!

- Recent publications or pre-prints
- Upcoming measles related meetings
- Job or training opportunities
- Information to forward to MAH members

For More Information:

- www.measles-analytics.org
- vimc-mah@imperial.ac.uk

