

NEWSLETTER

Q2 2026 / Vol. 06



MEASLES ANALYTICS HUB

www.measles-analytics.org

In this issue

- ***Annual Meeting Summaries*** - pages 2-3
- ***Best practice showcase*** - page 4
- ***Membership update*** - page 5
- ***MAH community: research updates & news*** - page 6



Welcome to the Q2 MAH Newsletter

Welcome to the Q2 2026 edition of the Measles Analytics Hub (MAH) newsletter. This quarter was marked by our Annual Meeting in Jakarta, which brought together members of the MAH community from across the globe for a week of scientific exchange, collaboration, and reflection. In this issue, we look back on the meeting, sharing highlights from the sessions, key take-home messages, and insights that will help shape our work in the months ahead. We also shine a spotlight on our MAH mentees in this edition's Best Practice Showcase, celebrating their achievements and contributions to strengthening modelling and analytics capacity across the network.

Across the meeting, a consistent message emerged: the greatest challenges to measles elimination are no longer purely technical, but operational. Discussions highlighted the need for models and analytical tools that are locally relevant, interpretable, and embedded within programme decision-making, alongside continued investment in local capacity and mentorship. These themes underscore MAH's commitment to co-creating evidence with countries and supporting data-driven action to address persistent immunity gaps and accelerate progress towards measles elimination.

Annual Meeting: topics at a glance

Regional Perspectives: Western Pacific Region

Speakers highlighted the challenges of measles elimination in diverse and decentralised health systems. Discussions focused on subnational inequities, identifying immunity gaps, and ensuring modelling addresses operational programme needs.



Regional Perspectives: South-East Asia Region

Presentations explored why outbreaks continue despite high national vaccination coverage, highlighting the importance of better data, improved nowcasting, and a deeper understanding of changing epidemiological patterns.

SIAs and Novel Delivery Modalities

This session examined the future of Supplementary Immunisation Activities (SIAs) and emerging approaches to reaching under-immunised populations, with an increasing focus on targeted and data-driven strategies.



Surveillance and Outbreak Detection

Here, we discussed how surveillance systems and outbreak alert tools can support earlier and more effective responses, emphasising the value of simple, actionable metrics for programme teams.

From Models to Decision Support

Discussions centred on how modelling tools can be designed to better meet country needs, with a focus on usability, trust, and integration into routine programme decision-making.



African Perspectives & Towards Equitable Modelling

This session highlighted priorities from Africa and the importance of strengthening local analytical capacity, including through MAH's mentorship programme and country-led modelling initiatives.

All meeting materials are available on the [MAH website](#).

Annual Meeting: key takeaways

- **Implementation remains a challenge.** Achieving measles elimination will depend on translating evidence into action, with stronger links between modelling, immunisation programmes, and policy decisions.
- **Subnational immunity gaps are driving ongoing transmission.** National coverage levels can conceal substantial local variation, highlighting the need for targeted strategies that identify and reach under-immunised populations.
- **Vaccination strategies must adapt to changing epidemiology.** Persistent outbreaks and accumulating immunity gaps suggest that traditional vaccination approaches alone may no longer be sufficient, creating a need for more targeted and data-driven strategies to identify and reach populations at highest risk.
- **Data limitations continue to constrain decision-making.** Incomplete, inconsistent, and untimely data make it difficult to accurately assess immunity gaps, predict outbreaks, and prioritise interventions.
- **Countries need timely and actionable decision-support tools.** There was strong demand for approaches that support outbreak prediction, nowcasting, and rapid operational decision-making.
- **Usability matters as much as analytical sophistication.** Models are most impactful when they are transparent, interpretable, and aligned with the needs of programme managers and policymakers.
- **Local capacity and co-creation are essential.** Strengthening country-led modelling, mentorship, and partnerships between modellers and decision-makers will be critical to ensuring evidence is relevant, trusted, and used in practice.
- **Models can support advocacy as well as analysis.** Clear estimates of health impact, cost-effectiveness, and the consequences of inaction are valuable tools for securing political commitment and sustainable investment.



Best practice showcase

In each newsletter, we feature one best practice example of an ongoing collaboration between MAH members. This quarter, we highlight the work of our MAH mentees. The mentoring scheme aims to build modelling and analytical capacity by pairing early-career researchers with experienced mentors to develop policy-relevant measles research projects and strengthen collaboration across the global MAH community.

Dr Armand M Mutwadi, DR Congo

- Mentor: Prof Matt Ferrari
- Project: Applying mathematical and geospatial modelling to support measles control policies and improve the design of SIAs in the DR Congo.



Dr Hawult Taye, Ethiopia

- Mentor: Dr Edson Utazi
- Project: Identifying the minimum data requirements needed to inform targeted measles SIA strategies and decision-making at subnational level in Ethiopia.



Arrah Esther Leke, Cameroon

- Mentor: Prof Jess Metcalf
- Project: Using epidemiological modelling to optimise the timing and geographic targeting of SIAs in Cameroon.



Stephen Ohuneni, Nigeria

- Mentor: Prof Nafiu Hussaini
- Project: Calibrating a measles transmission model to generate evidence for vaccination policy, Gavi applications, and Nigeria's measles elimination efforts



Shakira Babirye, Uganda

- Mentor: Dr James Azam
- Project: Estimating regional measles immunity profiles in Uganda to identify immunity gaps and support targeted vaccination strategies.



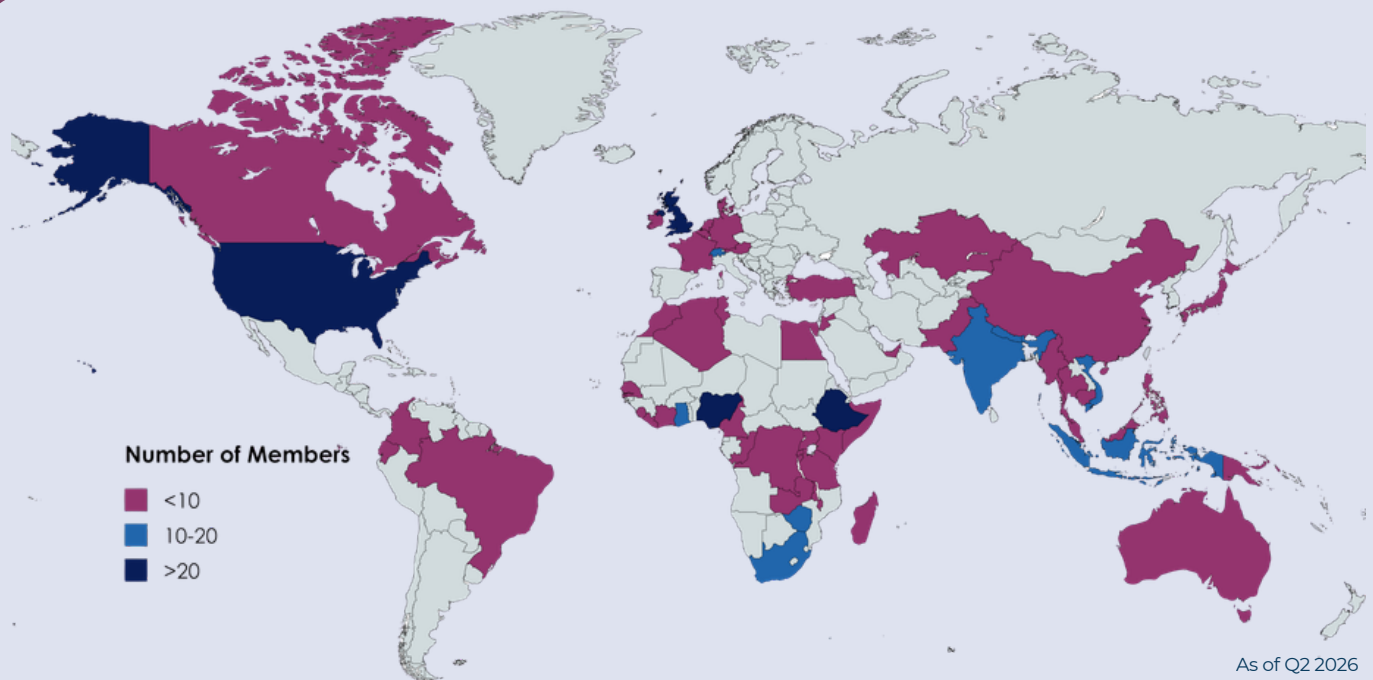
Dr Esha Kashyap, India

- Mentor: Prof Siuli Mukhopadhyay
- Project: Evaluating the impact of catch-up immunisation campaigns on measles incidence in India using interrupted time-series analysis.



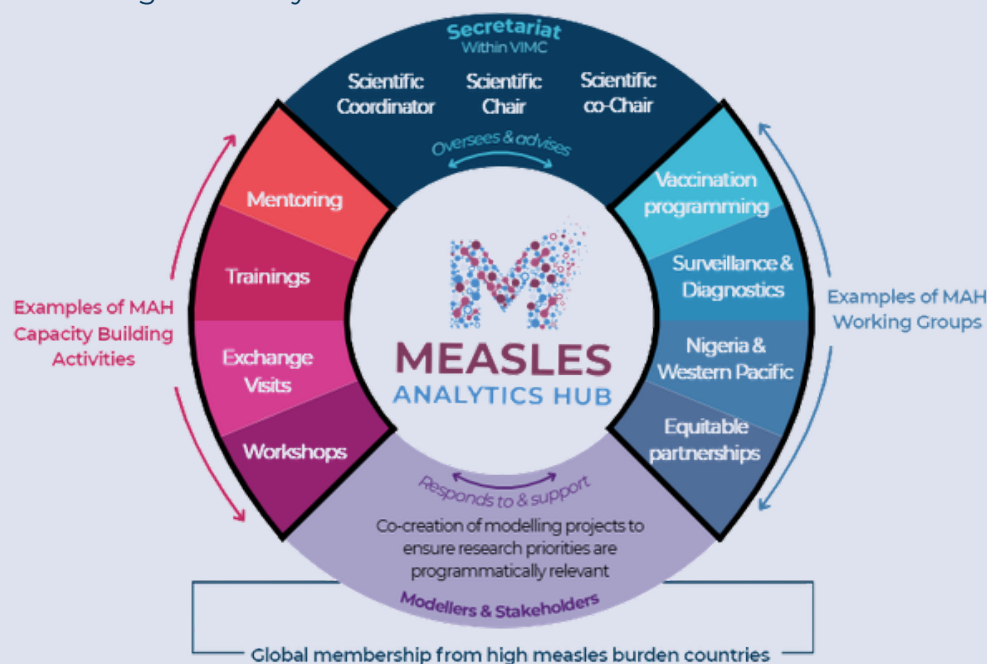
Current Membership

The MAH currently has 468 members from 60 countries.



MAH Structure & Activities

The global membership shown above is organised into working groups and capacity-building activities, driven by member interest in specific topics or regions to support the co-creation of modelling and analytics.



News submitted by MAH Members

Publications & new research

Measles & Rubella Partnership Launches Operational Strategy 2026–2030

- The Measles & Rubella Partnership (M&RP) has released its Operational Strategy 2026–2030, outlining how the partnership will work towards a world free of measles and rubella over the remainder of the decade.
- Building on the findings of the 2021–2030 Midterm Review, the strategy sets out a renewed approach focused on maximising impact, strengthening coordination, prioritising areas where the partnership can add the greatest value, and deploying resources strategically in an increasingly constrained global health environment.

New VIMC publication

- **Quantifying relative health impact across Gavi, the Vaccine Alliance's portfolio in 117 countries at the subregional level: a modelling study**
- Presents modelling estimates to compare the health impact of Gavi-supported vaccines across countries and regions, supporting evidence-based prioritisation and investment decisions.

Vaccines journal special edition

- This special issue of Vaccines invites papers using AI, geospatial analysis, and mathematical modelling to address immunisation challenges in LMICs, including vaccination coverage, zero-dose children, population immunity, outbreak risk, and campaign optimisation. Submissions are open until 31 March 2027

Secretariat News

Save the Date

The **Q3 MAH meeting** will be online on **14 September 2026**. All members are welcome to join.

A friendly reminder that you must be a member of the MAH to receive calendar invites, meeting announcements, and other event updates. You can register [here](#).

WHO Collaboratory

WHO Collaboratory is an initiative led by the **WHO Hub for Pandemic and Epidemic Intelligence** that helps transform complex public health data into actionable insights.

The MAH will be featured in the WHO Collaboratory Webinar Series on **22 July at 1:00 pm BST**. We encourage interested colleagues to [join the WHO Collaboratory community](#) and register [here](#) for the webinar joining link.

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



BONUS: Annual meeting photos



More photos from Jakarta can be viewed [here](#).

