



THE MEKONG MALARIA ELIMINATION PROGRAMME

ACCELERATING MALARIA ELIMINATION IN THE GREATER MEKONG

BULLETIN #10
MARCH 2022



World Health
Organization

THE MEKONG MALARIA ELIMINATION PROGRAMME

ACCELERATING MALARIA ELIMINATION IN THE GREATER MEKONG

BULLETIN #10
MARCH 2022



World Health
Organization

The Mekong Malaria Elimination programme. Accelerating malaria elimination in the Greater Mekong, Bulletin 10, March 2022.

WHO/UCN/GMP/MME/2022.01

© World Health Organization 2022

Some rights reserved. This work is available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; <https://creativecommons.org/licenses/by-nc-sa/3.0/igo>).

Under the terms of this licence, you may copy, redistribute and adapt the work for non-commercial purposes, provided the work is appropriately cited, as indicated below. In any use of this work, there should be no suggestion that WHO endorses any specific organization, products or services. The use of the WHO logo is not permitted. If you adapt the work, then you must license your work under the same or equivalent Creative Commons licence. If you create a translation of this work, you should add the following disclaimer along with the suggested citation: "This translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition".

Any mediation relating to disputes arising under the licence shall be conducted in accordance with the mediation rules of the World Intellectual Property Organization (<http://www.wipo.int/amc/en/mediation/rules/>).

Suggested citation. The Mekong Malaria Elimination programme. Accelerating malaria elimination in the Greater Mekong. Bulletin 10, March 2022. Geneva: World Health Organization; 2022 (WHO/UCN/GMP/MME/2022.01). Licence: CC BY-NC-SA 3.0 IGO.

Cataloguing-in-Publication (CIP) data. CIP data are available at <http://apps.who.int/iris>.

Sales, rights and licensing. To purchase WHO publications, see <http://apps.who.int/bookorders>. To submit requests for commercial use and queries on rights and licensing, see <http://www.who.int/about/licensing>.

Third-party materials. If you wish to reuse material from this work that is attributed to a third party, such as tables, figures or images, it is your responsibility to determine whether permission is needed for that reuse and to obtain permission from the copyright holder. The risk of claims resulting from infringement of any third-party-owned component in the work rests solely with the user.

General disclaimers. The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of WHO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement. The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by WHO in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by WHO to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall WHO be liable for damages arising from its use.

Layout by Melon Rouge Agency, Cambodia

Cover photo: © WHO/L. Pham

Contents

Acknowledgements	v
Abbreviations and acronyms	vi
Executive summary	vii
2021: Overview of malaria in the Greater Mekong	1
Malaria surveillance systems	7
Reaching the unreached: community malaria networks in the GMS	11
The COVID-19 pandemic and malaria: impact and responses in the GMS	15
GMS malaria elimination timeline and key targets	18
Malaria situation in the Greater Mekong countries	20
Cambodia	21
China (Yunnan Province)	22
Lao People's Democratic Republic	23
Myanmar	26
Thailand	28
Viet Nam	29
Accelerator strategies and focalized innovative approaches	33
Antimalarial drug efficacy	37
Reflections from malaria donors	38
Conclusion	43
References	47
Annex: malaria country profiles	49
Cambodia	50
China (Yunnan Province)	52
Lao People's Democratic Republic	54
Myanmar	56
Thailand	58
Viet Nam	60

Acknowledgements

The World Health Organization (WHO) Mekong Malaria Elimination (MME) programme would like to extend a sincere thank you to all the colleagues and partners that have contributed to the programme's 10th annual bulletin, *Accelerating malaria elimination in the Greater Mekong*.

The following WHO staff and consultants provided contributions and reviewed data from the Greater Mekong subregion (GMS) countries: Zhang Zaixing, Celine Christiansen-Jucht (Cambodia); Matthew Shortus (Lao People's Democratic Republic); Deyer Gopinath (Thailand); Badri Thapa, Tet Toe Tun, San Kyawt Khine (Myanmar); Ngon Sapal Mya and Tran Cong Dai (Viet Nam).

On behalf of the WHO MME programme, the publication of this bulletin was coordinated by Elodie Jacoby. The maps and graphs were produced by Try Rady from the MME programme's Malaria Elimination Database team. Significant contributions were made by Luciano Tuseo and Giulia Manzoni (MME programme). We are grateful to the following people for their technical reviews and inputs: Neena Valecha, Maria Dorina Bustos (WHO Regional Office for South-East Asia); James Kelley (WHO Regional Office for the Western Pacific); Pascal Ringwald, Charlotte Rasmussen, Xiao Hong Li and Abdisalan Noor (Global Malaria Programme). Additional inputs were received from Saira Stewart (Global Malaria Programme).

We are also grateful to contributions from China's National Health Commission, Jonathan Cox (Bill & Melinda Gates Foundation), Izaskun Gaviria (Global Fund to Fight AIDS, Tuberculosis and Malaria [the Global Fund]) and David Sintasath (United States President's Malaria Initiative [PMI]).

Funding for the production of this report was gratefully received from the Bill & Melinda Gates Foundation. WHO appreciates the support of the Global Fund, the United Nations Office for Project Services and PMI.

Lastly, we extend our thanks to partners, donors, national malaria programmes and researchers that continue to support malaria elimination efforts across the subregion.

Abbreviations and acronyms

ACT	artemisinin-based combination therapy
CMPE	Center for Malaria, Parasitology, and Entomology (Lao People's Democratic Republic)
CNM	National Center for Parasitology, Entomology and Malaria Control (Cambodia)
COVID-19	coronavirus disease 2019
DHIS2	District Health Information Software 2
DVBD	Division of Vector Borne Diseases (Thailand)
GMS	Greater Mekong subregion
G6PD	glucose-6-phosphate dehydrogenase
HIV	human immunodeficiency virus
iDES	integrated drug efficacy surveillance
IMPE	Institute of Malariology, Parasitology, and Entomology (Viet Nam)
IPTf	intermittent preventive treatment for forest goers
LLIHN	long-lasting insecticidal hammock net
LLIN	long-lasting insecticidal net
MME programme	Mekong Malaria Elimination programme
NIMPE	National Institute of Malariology, Parasitology, and Entomology (Viet Nam)
NMCP	National Malaria Control Programme (Myanmar)
PPE	personal protective equipment
RAI	Regional Artemisinin-resistance Initiative

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_23320

