



# Preparing for certification of malaria elimination







# Preparing for certification of malaria elimination



**World Health  
Organization**

Preparing for certification of malaria elimination

ISBN 978-92-4-000562-4 (electronic version)

ISBN 978-92-4-000563-1 (print version)

© World Health Organization 2020

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.

**Suggested citation.** Preparing for certification of malaria elimination. Geneva: World Health Organization; 2020. 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.

# Contents

<b>Acknowledgements</b>	<b>v</b>
<b>Abbreviations</b>	<b>vi</b>
<b>Glossary</b>	<b>vii</b>
<b>Introduction</b>	<b>1</b>
<b>1. Overview of the certification procedure</b>	<b>3</b>
<b>2. Criteria for certification of malaria elimination</b>	<b>4</b>
<b>3. Steps in certification of malaria elimination</b>	<b>6</b>
<b>4. National preparation for certification of malaria elimination</b>	<b>9</b>
<b>4.1</b> Oversight and management	9
<b>4.2</b> Documentation of an effective elimination programme	10
<b>4.3</b> National elimination report	12
<b>4.4</b> Prevention of re-establishment of transmission	13
<b>4.4.1</b> National plan	13
<b>4.4.2</b> Key elements of a programme for preventing re-establishment of transmission	14
<b>4.5</b> Self-assessment of readiness for certification	15
<b>4.6</b> Independent evaluation mission	17
<b>4.6.1</b> Timing	17
<b>4.6.2</b> Support expected from the country	17
<b>4.6.3</b> Composition of an independent evaluation mission	17
<b>4.6.4</b> Activities of an independent evaluation mission	18
<b>4.7</b> Granting and maintaining certification	19
<b>5. Verification of subnational malaria elimination</b>	<b>21</b>
<b>5.1</b> Oversight and management	21
<b>5.2</b> Criteria for verification of subnational malaria elimination	22

<b>5.3</b>	Steps in verification of subnational elimination	22
<b>5.3.1</b>	Subnational elimination report, supporting documents and records	23
<b>5.3.2</b>	Subnational verification mission	24
<b>5.4</b>	Announcement of verification of malaria-free status in subnational areas	24
<b>References</b>		<b>25</b>
<b>Annexes</b>		<b>26</b>
<b>Annex 1.</b>	Documentation required for certification of malaria elimination	27
<b>Annex 2.</b>	An example of an official letter to request certification of malaria elimination	32
<b>Annex 3.</b>	Plan of action and timeline for certification	33
<b>Annex 4.</b>	Outline of a national elimination report	34
<b>Annex 5.</b>	Checklist of elements for prevention of re-establishment of malaria transmission	36
<b>Annex 6.</b>	Generic agenda for an independent evaluation mission	43
<b>Annex 7.</b>	Methods to verify malaria-free status in a county - example from China	45

# Acknowledgements



This document was prepared by the Elimination Unit of the WHO Global Malaria Programme (GMP), led by Li Xiao Hong and Kim Lindblade (Unit Head). Substantive input and comments were provided by Pedro Alonso (Director), Abdisalan Noor, Amanda Tiffany, Andrea Bosman and Jan Kolaczinski. The following staff in WHO regional and country offices contributed to the document: Ebenezer Baba, Anderson Chinorumba and Abderahmane Kharchi (WHO Regional Office for Africa); Maria Paz Ade, Blanca Escribano Ferrer and Roberto Montoya (WHO Regional Office for the Americas); Ghasem Zamani (WHO Regional Office for the Eastern Mediterranean); Elkhan Gasimov (WHO Regional Office for Europe); Neena Nee Kesar Valecha and Risintha Premaratne (WHO Regional Office for South-East Asia); Deyer Gopinath (WHO Country Office for Thailand); and Rabindra Abeyasinghe, James Kelley and Glenda Gonzales (WHO Regional Office for the Western Pacific).

We are grateful to the following current and former members of the Malaria Elimination Certification Panel for their valuable contributions throughout the preparation of this document: Fred Binka, Keith Carter, Brian Greenwood (Chair), Cecilia T. Hugo, Payre L. Joshi, Anatoly Kondrashin (Co-chair), Reza Majdzadeh, Rossitza Mintcheva, Jose Najera (ad hoc), Daouda Ndiaye, Martha L. Quinones, Trenton Ruebush II and Allan Schapira.

We acknowledge the contribution of Mikhail Ejov to an early draft of the document. The following independent experts are also gratefully acknowledged for their substantive comments: Jimée Hwang, Kamini Mendis, Aafje Pieters-Rietveld and Gao Qi. Individuals who provided detailed comments after their countries were certified malaria-free were Samia Hammadi (Algeria), Laura Brandt (Argentina) and Lusine Paronyan (Armenia).

We thank Laurent Bergeron and Camille Pillon for managing production of the document, and Selome Tadesse Worku for administrative support.

Funding for the production of this document was gratefully received from the Global Fund to Fight AIDS, Tuberculosis and Malaria.

# Abbreviations

<b>GMP</b>	Global Malaria Programme
<b>MECP</b>	Malaria Elimination Certification Panel
<b>NMP</b>	national malaria programme
<b>SOP</b>	standard operating procedure

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\\_24159](https://www.yunbaogao.cn/report/index/report?reportId=5_24159)

