

Cancer in Sub-Saharan Africa

Edited by D.M. Parkin, J. Ferlay,
A. Jemal, M. Borok, S.S. Manraj, G.G. N'da,
F.J. Ogunbiyi, B. Liu, and F. Bray

International Agency for Research on Cancer



World Health
Organization



IACR
International Association of Cancer Registries



International Agency for Research on Cancer



World Health
Organization



Cancer in Sub-Saharan Africa

Edited by

D.M. Parkin, J. Ferlay, A. Jemal, M. Borok, S.S. Manraj,
G.G. N'da, J.O. Ogunbiyi, B. Liu, and F. Bray

IARC Scientific Publications
No. 167

International Agency for Research on Cancer
Lyon, France
2018

Published by the International Agency for Research on Cancer,
150 cours Albert Thomas, 69372 Lyon Cedex 08, France

©International Agency for Research on Cancer, 2018

Distributed by
WHO Press, World Health Organization, 20 Avenue Appia, 1211 Geneva 27, Switzerland
(tel.: +41 22 791 3264; fax: +41 22 791 4857; email: bookorders@who.int).

Publications of the World Health Organization enjoy copyright protection in accordance with the provisions of Protocol 2 of the Universal Copyright Convention. All rights reserved.

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 the Secretariat of the World Health Organization concerning the legal status of any country, territory, city, or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

The boundaries and names shown and the designations used on the maps do not imply the expression of any opinion whatsoever on the part of the World Health Organization 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 the World Health Organization 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.

The authors alone are responsible for the views expressed in this publication.

The International Agency for Research on Cancer welcomes requests for permission to reproduce or translate its publications, in part or in full. Requests for permission to reproduce or translate IARC publications – whether for sale or for non-commercial distribution – should be addressed to the IARC Communications Group, at: publications@iarc.fr.

Cover image: Adapted from *Victoria Falls* by Chris Eason. www.flickr.com/mister-e. Used under CC BY 2.0 <https://creativecommons.org/licenses/by/2.0/legalcode>.

This book is available in electronic format from
<http://publications.iarc.fr>.

IARC Library Cataloguing in Publication Data

Cancer in sub-Saharan Africa / edited by D.M. Parkin, J. Ferlay, A. Jemal, M. Borok, S.S. Manraj, G.G. N'da, J.O. Ogunbiyi, B. Liu, F. Bray

(IARC Scientific Publications; 167)

1. Neoplasms – epidemiology 2. Data Collection 3. Incidence 4. Registries 5. Africa South of the Sahara – epidemiology

I. Parkin, D. Max II. Title III. Series

ISBN 978-92-832-2220-0 (NLM Classification: W1)
ISSN 0300-5085