



International Agency for
Research on Cancer (WHO)



International Association
of Cancer Registries

Cancer Incidence in Five Continents Vol. VIII



Edited by D.M. Parkin, S.L. Whelan, J. Ferlay,
L. Teppo and D.B. Thomas

IARC Scientific Publications
No. 155

Cancer Incidence in Five Continents

Volume VIII

INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

The International Agency for Research on Cancer (IARC) was established in 1965 by the World Health Assembly, as an independently financed organization within the framework of the World Health Organization. The headquarters of the Agency are at Lyon, France.

The Agency conducts a programme of research concentrating particularly on the epidemiology of cancer and the study of potential carcinogens in the human environment. Its field studies are supplemented by biological and chemical research carried out in the Agency's laboratories in Lyon, and, through collaborative research agreements, in national research institutions in many countries. The Agency also conducts a programme for the education and training of personnel for cancer research.

The publications of the Agency are intended to contribute to the dissemination of authoritative information on different aspects of cancer research. Information about IARC publications and how to order them, is available via the Internet at: <http://www.iarc.fr/>

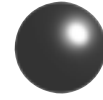
INTERNATIONAL ASSOCIATION OF CANCER REGISTRIES

The International Association of Cancer Registries (IACR) was created following a decision taken during the Ninth International Cancer Congress held in Tokyo, Japan, in 1966. The Association is a voluntary non-governmental organization in official relations with WHO, representing the scientific and professional interests of cancer registries, with members interested in the development and application of cancer registration and morbidity survey techniques to studies of well-defined populations.

The constitution provides for a Governing Body composed of a President, General Secretary, Deputy Secretary and nine regional representatives. From 1973 the IARC has provided a secretariat for the Association with the primary functions of organizing meetings and coordinating scientific studies. Information about the Association, including membership, activities and publications, can be found on the Internet at: <http://www.iacr.com.fr/>



International Agency for
Research on Cancer (WHO)



International Association
of Cancer Registries

Cancer Incidence in Five Continents

Volume VIII

**Edited by
D.M. Parkin, S.L. Whelan, J. Ferlay,
L. Teppo and D.B. Thomas**

IARC Scientific Publications No. 155

International Agency for Research on Cancer
Lyon, France
2002

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

© International Agency for Research on Cancer, 2002

Distributed by Oxford University Press, Walton Street, Oxford OX2 6DP, UK (fax: +44 1865 267782).
All IARC publications can also be ordered directly from IARCPress (fax: +33 04 72 73 83 02; E-mail: press@iarc.fr
or, in North America, tel. (toll-free) 877 WHO-IARC; fax 202-223-1776; E-mail iarcpress@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 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. Applications and enquiries should be addressed to the Communications Unit,
International Agency for Research on Cancer, which will be glad to provide the latest information on any
changes made to the text, plans for new editions, and reprints and translations already available.

IARC Library Cataloguing in Publication Data

Cancer Incidence in Five Continents, Volume VIII / editors, D.M. Parkin... [et al.]

(IARC scientific publication ; 155)

1. Neoplasms – epidemiology 2. Neoplasms – prevention & control
I. Parkin, D.M. II. Title III. Series

ISBN 92 832 2155 9 (NLM Classification: W1)
ISSN 0300-5085

Layout and typesetting: M J Webb Associates • Newmarket • England

Printed in France