

### The Global Prevalence of Male Circumcision

Global estimates in 2006 suggest that about 30% of males – representing a total of approximately 665 million men – are circumcised. Other common determinants of male circumcision are ethnicity, perceived health and sexual benefits, and the desire to conform to socio-cultural norms.

Male circumcision is common in many African countries and is almost universal in North Africa and most of West Africa. In contrast it is less common in southern Africa; country to country and within country variation is greatest in this region<sup>i</sup>. Self-reported prevalence in several countries is around 15% (Botswana, Namibia, Swaziland, Zambia, Zimbabwe); but substantially higher in others (Malawi 21%, South Africa 35%, Lesotho 48%, Mozambique 60%, and Angola and Madagascar more than 80%). Prevalence in central and eastern Africa varies from 15% in Burundi and Rwanda, to over 70% in Ethiopia, Kenya and the United Republic of Tanzania. In sub-Saharan Africa age at circumcision varies from infancy to the late teens or early twenties. Male circumcision in Africa is undertaken for mainly religious and cultural reasons.

Male circumcision is almost universal in the Middle East and Central Asia and in Bangladesh, Indonesia and Pakistan<sup>ii,iii</sup>. In addition there are an estimated 120 million circumcised men in India<sup>iv</sup>. In all these countries, male circumcision is undertaken primarily for religious and cultural reasons. There is little non-religious circumcision in Asia, with the exception of the Republic of Korea and the Philippines where circumcision is routine and widespread<sup>v</sup>.

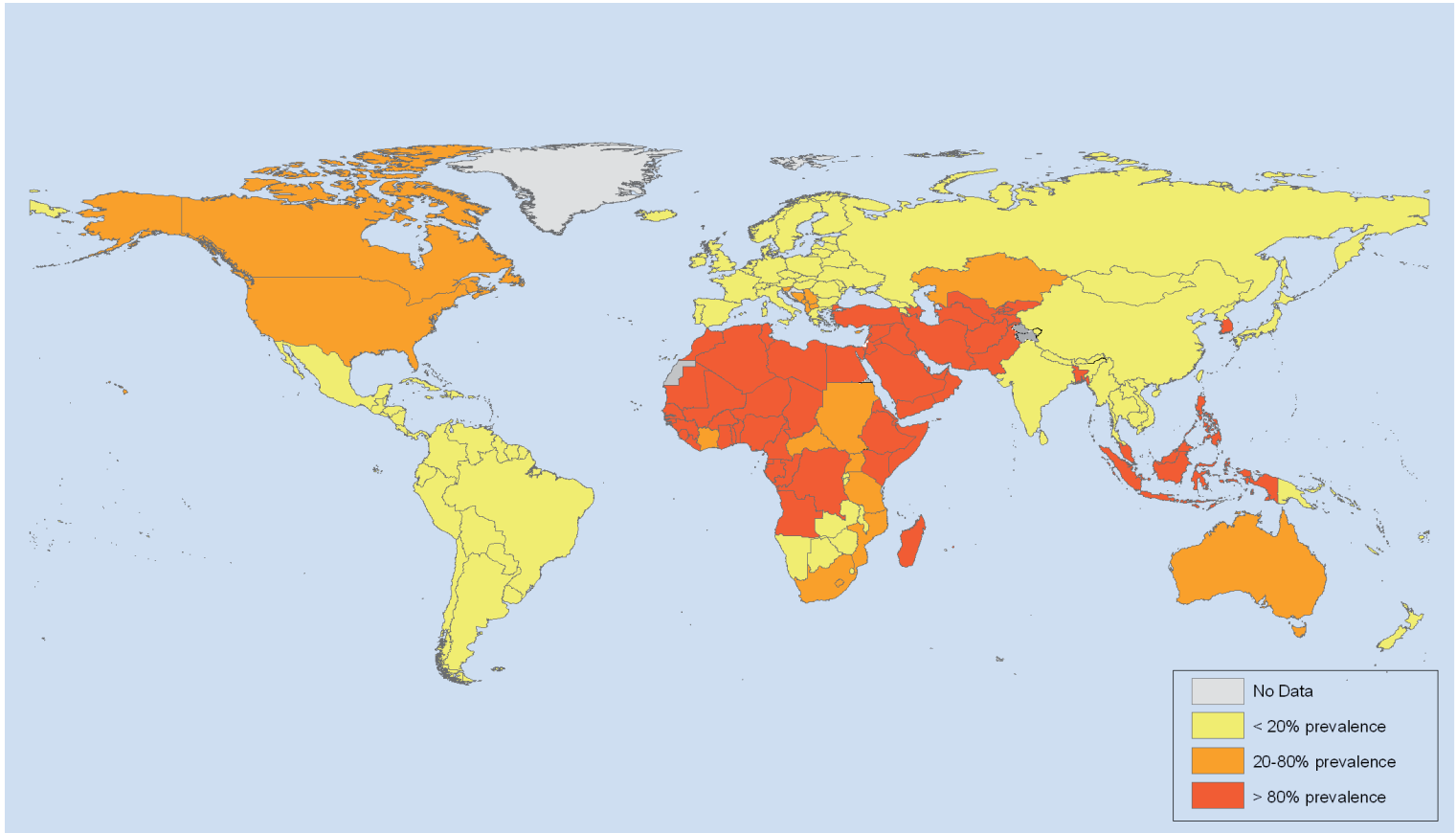
During the 20<sup>th</sup> century, male circumcision gained popularity for perceived health benefits and social reasons in North America, New Zealand and Europe<sup>vi,vii</sup>. Neonatal and childhood male circumcision rates in the United States of America rose to about 80% in the 1960s with prevalence remaining high (between 76%-92%) today<sup>viii</sup>. In contrast, Australia<sup>ix</sup>, Canada<sup>x</sup>, and the United Kingdom<sup>xi</sup> have seen a decline in male circumcision. In Central and South America male circumcision is uncommon (less than 20%)<sup>xii,xiii</sup>.

Examination of the prevalence of male circumcision shows that the major determinant of circumcision globally is religion, but that significant numbers of males are circumcised for cultural reasons. In sub-Saharan Africa tradition and cultural identity play as important a role as religion during male circumcision practices. Historically, in various parts of the world there have been increases and decreases in the popularity of non-religious male circumcision. These trends often result from changes in perceptions of the health benefits or cultural beliefs associated with the practice, indicating that the cultural determinants of male circumcision can evolve.

# INFORMATION PACKAGE ON MALE CIRCUMCISION AND HIV PREVENTION

## INSERT 2

### Global Map of Male Circumcision Prevalence at Country Level



The boundaries and names shown and the designations used on this map 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 lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: DHS and Other Publications.  
Map Production: Public Health Mapping and GIS  
Communicable Diseases (CDS), World Health Organization.  
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