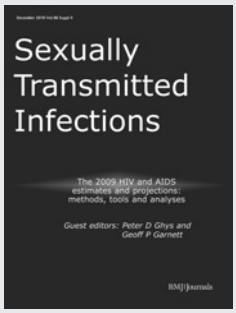

Editor
Jackie Cassell (UK)
Deputy Editors
David Lewis (South Africa)
Nicola Low (Switzerland)
Associate Editors
Sevgi Aral (USA)
Gary Brook (UK)
Richard De Visser (UK)
Sinead Delany-Moretlwe (South Africa)
Khalil Ghanem (USA)
David Goldmeier (UK)
Patti Gravitt (USA)
Sarah Hawkes (UK)
Gwenda Hughes (UK)
John Imrie (Australia)
Cathy Ison (UK)
Rudolf Mak (Belgium)
Cath Mercer (UK)
Jonathan Ross (UK)
Anne Scoular (UK)
Jennifer Smith (USA)
Katy Turner (UK)
Helen Weiss (UK)
Richard White (UK)
William Wong (Australia)
Statistical Advisor
Andrew Copas (UK)
Education Editor
Sarah Edwards (UK)
BASHH Editor
Elizabeth Foley (UK)
Editorial Office
Sexually Transmitted Infections
BMJ Publishing Group Ltd
BMA House
Tavistock Square
London WC1H 9JR, UK
T: **+44 (0)20 7383 6204**
F: **+44 (0)20 7383 6668**
E: **sti@bmjgroup.com**

ISSN: 1368-4973 (print)
ISSN: 1472-3263 (online)
Impact factor 2.17

Disclaimer: STI is published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association. The BMJ Group grants editorial freedom to the Editor of STI. STI follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

STI is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group or the BMA unless otherwise specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group shall not be liable for any loss, injury or damage resulting from the use of STI or any information in it whether based on contract, tort, or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright: © 2010 UNAIDS. All rights reserved; no part of this publication may be reproduced, stored in are trieval system,or transmitted in any form or by any means, electronic,mechanical, photocopying, recording, or otherwise without prior permission. STI is published by BMJ Publishing Group Ltd, typeset by TNQ Books & Journals, Chennai, India, and printed in the UK on acid-free paper from sustainable forests by Buxton Press, Buxton, UK.

Sexually Transmitted Infections (ISSN 1368 4973) is published bimonthly by BMJ Publishing Group and is distributed in the USA by Mercury International Ltd. Periodicals postage paid at Rahway, NJ. POSTMASTER: send address changes to *Sexually Transmitted Infections*, Mercury International Ltd, 365 Blair Road, Avenel, NJ, 07001, USA.

The 2009 HIV and AIDS estimates and projections: methods, tools and analyses

ii1 The 2009 HIV and AIDS estimates and projection: methods, tools and analyses
P D Ghys, G P Garnett

ii3 Modelling HIV epidemics in the antiretroviral era: the UNAIDS Estimation and Projection package 2009
T Brown, L Bao, A E Raftery, J A Salomon, R F Baggaley, J Stover, P Gerland

ii11 Counting hard-to-count populations: the network scale-up method for public health
H R Bernard, T Hallett, A Iovita, E C Johnsen, R Lyerla, C McCarty, M Mahy, M J Salganik, T Saliuk, O Scutelniciuc, G A Shelley, P Sirinirund, S Weir, D F Stroup

ii16 The Spectrum projection package: improvements in estimating incidence by age and sex, mother-to-child transmission, HIV progression in children and double orphans
J Stover, P Johnson, T Hallett, M Marston, R Becquet, I M Timaeus

ii22 Fertility of HIV-infected women: insights from Demographic and Health Surveys
W-J Chen, N Walker

ii28 Derivation of parameters used in Spectrum for eligibility for antiretroviral therapy and survival on antiretroviral therapy
M Mahy, C Lewden, M W G Brinkhof, F Dabis, J-M Tassie, Y Souteyrand, J Stover

ii35 Has the quality of serosurveillance in low- and middle-income countries improved since the last HIV estimates round in 2007? Status and trends through 2009
J M Garcia Calleja, J Jacobson, R Garg, N Thuy, A Stengaard, M Alonso, H O Ziady, L Mukenge, S Ntabangana, D Chamla, A Alisalad, E Gouws, K Sabin, Y Souteyrand

ii43 Using Estimation and Projection Package and Spectrum for Jamaica's national HIV estimates and targets
J Duncan, S Beckford Jarrett, K Harvey

ii48 What will it take to achieve virtual elimination of mother-to-child transmission of HIV? An assessment of current progress and future needs
M Mahy, J Stover, K Kiragu, C Hayashi, P Akwara, C Luo, K Stanecki, R Ekpini, N Shaffer

ii56 Under-5 mortality due to HIV: regional levels and 1990—2009 trends
K Stanecki, J Daher, J Stover, P Akwara, M Mahy

ii62 Antiretroviral therapy needs: the effect of changing global guidelines
K Stanecki, J Daher, J Stover, M Beusenberg, Y Souteyrand, J M Garcia Calleja

ii67 Estimating the impact of antiretroviral therapy: regional and global estimates of life-years gained among adults
M Mahy, J Stover, K Stanecki, R Stoneburner, J-M Tassie

ii72 Trends in HIV prevalence and sexual behaviour among young people aged 15—24 years in countries most affected by HIV
The International Group on Analysis of Trends in HIV Prevalence and Behaviours in Young People in Countries most Affected by HIV

ii84 Flexible epidemiological model for estimates and short-term projections in generalised HIV/AIDS epidemics
D R Hogan, A M Zaslavsky, J K Hammitt, J A Salomon

ii93 A stochastic infection rate model for estimating and projecting national HIV prevalence rates
L Bao, A E Raftery

UNLOCKED

All the manuscripts in this supplement are unlocked.

EDITOR'S CHOICE
This article has been chosen by the Editor to be of special interest or importance and is freely available online.

Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme.
See **http://sti.bmj.com/info/unlocked.dtl**

COPE COMMITTEE ON PUBLICATION ETHICS
This journal is a member of and subscribes to the principles of the Committee on Publication Ethics
www.publicationethics.org.uk

equator network

Sex Transm Infect: first published as on 1 December 2010. Downloaded from http://sti.bmj.com/ on April 17, 2024 by guest. Protected by copyright.