



DSPACE

<https://dspace.org/>

**Understanding of factors associated with HIV prevalence
in South Africa: analysis of the antenatal clinic survey
data**

Dikgale, Makgoka Freck

2011-02-14

<http://hdl.handle.net/10539/9037>



health

Department:
Health
REPUBLIC OF SOUTH AFRICA

THE ANTENATAL HIV SERO-PREVALENCE SURVEY

DATA USER'S AGREEMENT

The National Department of Health South Africa encourages all interested users to request Data Sets on surveillance projects conducted by or for the Department. Users are however required to read and sign the User's Agreement Information, which stipulates the conditions for use of the Data Sets prior to Data Set being made available

Please read the following agreement. All users of the HIV Sero-prevalence Survey Data Sets agree to the following conditions listed below. If you accept these conditions, fill in the required information and sign at the appropriate place.

1. The User agrees that the South African Government is the owner of the Data Set(s).
2. The data set for the current month of study will only be available on request after the official launch of the updates or reports by the Department of Health.
3. The data format for the HIV Sero-prevalence Survey will include national and provincial data. However, bar code, district and regional data will not be detailed.
4. Provincial data sets the HIV Sero-prevalence Survey will only be available from the national office in accordance with all the terms of this agreement.
5. The use of these Data Sets in research communication, scholarly papers, journals and the like is encouraged, but the authors of these communications and documents are required to acknowledge/cite the National Department of Health as the source of the Data. A copy of any document produced from the Data Set for publication or other forms of circulation should be submitted to the Chief Director of the Cluster: Health Information, Evaluation and Research for use in the Department of Health.
6. The User agrees that any publication resulting from the use of the data will not be used for personal or institutional gain, either financially or academically.
7. The User agrees that any use of the Data or reliance by the User or any of the Data is at the User's own risk and that the National Department of Health shall not be liable for any loss or damage howsoever arising as a result of such use.
8. The User acknowledges that the Data was collected by the National Department of Health for monitoring, evaluation and information purposes and there could be discrepancies, errors or omissions in any or all of the Data.
9. The User agrees that he/she will not attempt to link nor permit others to attempt to link

the records of persons in these Data Sets with personally identifiable records from any other source.

10. The User agrees that he/she will not attempt to use nor permit other to use the Data Sets to learn the identity of any person included in any set.
11. The User agrees that he/she will not contact nor permit others to contact persons in the Data Sets to question, verify or discuss data in the HIV Sero-prevalence Survey Data sets.
12. The User agrees that he/she will make no statement nor permit others to make statements indicating or suggesting that interpretations drawn are those of the National Department of Health.
13. The User agrees that his/her signature indicates his/her agreement to comply with the above-stated requirements.
14. Failure of the User to comply with the terms of this agreement shall result in legal action.

Please complete this form

Name (Print or Type):	Dikgale Makgoka Freck
Organisation:	Monitoring and Evaluation Directorate
Department:	Health
Status:	Assistant Director
Title:	Mr.
Address:	Private Bag X828, Pretoria, 0001
City:	Pretoria
Province:	Gauteng
Country:	South Africa
Telephone:	012 312 0696
Fax:	012 312 0503
E-mail:	dikgaf@health.gov.za
Signature:	
Date:	12/09/2007
DOH Representative*:	
Date:	14/10/2007
<u>Intended use of this data set:</u>	For my research project of the partial fulfillment for the requirements of MSc. in Epidemiology and Biostatistics with Wits University. The main aim of the study is to assess the socio-demographic factors associated with HIV infection in pregnant women attending antenatal clinic in South Africa using data collected in 2005

***The Data User's agreement must be signed by the Chief Director for Health Information, Evaluation and Research.**

Note: If the data set is to be used for any other purpose not mentioned in this agreement, a new agreement must be signed to outline the intended use at that point.



health

Department:
Health
REPUBLIC OF SOUTH AFRICA

Ref.	
TO: Health Information Evaluation and Research For Attention: Dr L Makubalo	FROM: Epidemiology and Surveillance
Your ref.	Enquiries: Mr. MF Dikgale Room: 403 Fedlife Building
	Telephone: 012 312 0770
	Fax: 012 312 0784

RE: Request for approval to use the 2005 antenatal HIV prevalence data as part of my research project for MSc. in Epidemiology and Biostatistics

1. PURPOSE:

To request the Cluster Manager of Health Information Evaluation and Research to grant permission for Mr. MF Dikgale to use the 2005 antenatal HIV prevalence data as part of my MSc. in Epidemiology and Biostatistics Research project.

2. Objectives

The main goal of this study will be to use 2005 HIV sero-prevalence data to identify factors associated with HIV infection in pregnant women attending antenatal clinic across all province.

3 Plans for Data Processing and Analysis

The independent variables that will be investigated in this study analyses are: age, province, education, partner's age, gravidity, parity, and syphilis status. The dependent variable of this study will be the HIV serostatus.

Provincial HIV prevalence rate will be computed by age group. Odds ratios will be used as a measure of relative risk, 95% confidence intervals and statistical significance tests for interactions and differences will be calculated from logistic regression and Chi-squared Test respectively using STATA.



RE: Request for approval to use the 2004 antenatal HIV prevalence data as part of my research project for MSc. in Epidemiology and Biostatistics.

4. BENEFITS FOR THE DEPARTMENT

It is anticipated that this study will furnish an insight on the epidemiology of HIV infection in South Africa especially on women attending antenatal clinics. Information obtained from this study may be used by the Department of Health especially HIV/AIDS and STI Control Programme to target interventions in those provinces which are mostly affected by the HIV epidemic. That is to change approaches, program strategies and identify gaps for HIV interventions.

Identifying and knowing factors associated with HIV infection are important for understanding the epidemiology of HIV infection in South African. When targeting public health interventions, it is equally important to recognise that women cannot be considered as homogenous group with respect to factors associated with HIV infection. Prevention and control policies and activities for HIV/AIDS cannot treat all women in South Africa as the same.

5. RECOMMENDATION:

That the Cluster Manager of Health Information Evaluation and Research approves Mr. Dikgale to use the 2005 antenatal HIV prevalence data as part of his MSc. in Epidemiology and Biostatistics Research project.

OFFICIALS RESPONSIBLE FOR THE DEVELOPMENT OF THIS
MEMORANDUM

CLUSTER MANAGER: HEALTH INFORMATION EVALUATION AND
RESEARCH

DATE: 11/06/2007

OK. please check with Rika