



THE LAUNCH OF THE SIXTH SOUTH AFRICAN NATIONAL HIV PREVALENCE, INCIDENCE, BEHAVIOUR AND COMMUNICATION SURVEY (SABSSM VI)

20 YEARS OF STRATEGIC HIV AND PUBLIC HEALTH DATA



8 February 2022



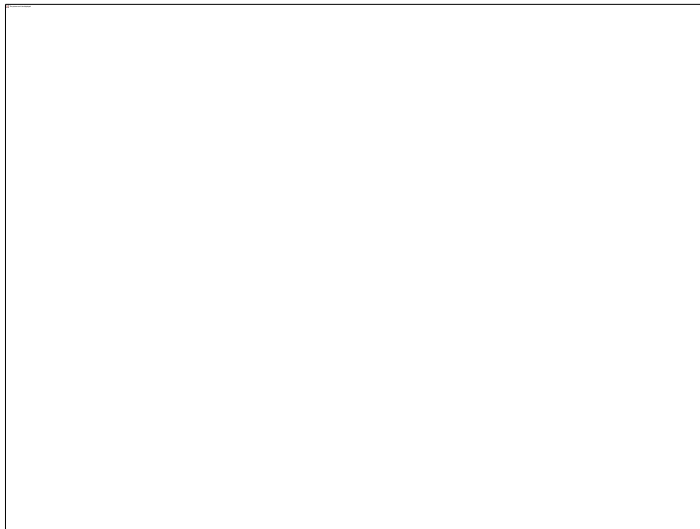
14:00 – 15:30 (SAST)



Hybrid



WAY BACK IN 2002



Major source of information for measuring the progress of the implementation of the South African National Strategic Plan (NSP) for HIV, STIs and TB

Expanded scope

Increased biomarkers

Take all approach

Larger sample size

Electronic data collection

Survey year



MAIN OBJECTIVES



To estimate at a national, provincial and PEPFAR priority district level:

- 🎯 HIV prevalence (adults and children)
- 🎯 To determine if HIV positive participants are taking antiretroviral medicine
- 🎯 Viral load suppression in HIV-infected individuals
- 🎯 To estimate the numbers of individuals who were recently infected

SECONDARY OBJECTIVES



- 🎯 To assess progress towards achievement of UNAIDS' 90-90-90 targets
- 🎯 To assess levels of HIV drug resistance (HIVDR)
- 🎯 To describe trends in HIV prevalence, HIV incidence, and risk behaviour for 2002 to 2021 at both national and provincial levels as well as in selected districts where applicable
- 🎯 To assess the relationship between social and behavioural factors, intimate partner violence and HIV infection

STUDY METHODS



Geographic scope

- National (9 provinces): Western Cape, Northern Cape, Eastern Cape, Gauteng, Limpopo, Free State, North West, KwaZulu-Natal and Mpumalanga; 21 PEPFAR and 6 National Department of Health priority districts.

Study design and population

- A cross-sectional, population-based household survey was conducted using a multi-stage stratified cluster random sampling approach
- The study design and methods were based on the methods used and validated in the five previous surveys carried out by HSRC in 2002, 2005, 2008, 2012 and 2017 including linked testing with informed consent.

Survey population

- This survey includes persons of all ages living in South Africa.
- All members of the selected households are invited to participate in the survey including those living in hostels.

SAMPLE SIZE



Age group	Total number of respondents for national and additional PEPFAR districts	Total number of HIV test respondents for national and additional 27 districts
Western Cape	12 337	8 636
Eastern Cape	11 040	7 728
Northern Cape	6 530	4 571
Free State	7 548	5 284
KwaZulu-Natal	19 700	13 790
North-West	6 984	4 889
Gauteng	15 199	10 639
Mpumalanga	5 927	4 150
Limpopo	7 354	5 148

SAMPLING



- We plan to collect data from over 1 800 areas;
- 25 000 households will be approached and;
- Approximately 93 000 participants will be targeted in order to collect an estimated 63 000 blood samples.

QUESTIONNAIRES



Household Questionnaire

- This questionnaire will be used to record a household listing of members and other household-level information

Individual questionnaires

- Questionnaire for parent/guardian of children aged 0 to 11 years
- Questionnaire for children aged 12 to 14 years
- Questionnaire for persons aged 15 years and older



QUESTIONNAIRE MODULES



Demographics:

- Age, sex, race, nationality, employment, marital status, Income, education, disability, migration

Orphan status:

- Parental survivorship (under 20 years)
- Age of child at death of parent

Education:

- School attendance
- Reasons for missing school
- Educational attainment
- Safety at school

Media, communication and norms:

- Media access and use
- Sources of HIV information
- Participation HIV activities

Knowledge, attitudes, beliefs and values about HIV and AIDS and about HIV-related practices and behaviours (KABP) & Tuberculosis (TB)

Drug and alcohol use:

- Use & impact

QUESTIONNAIRE MODULES CONT.



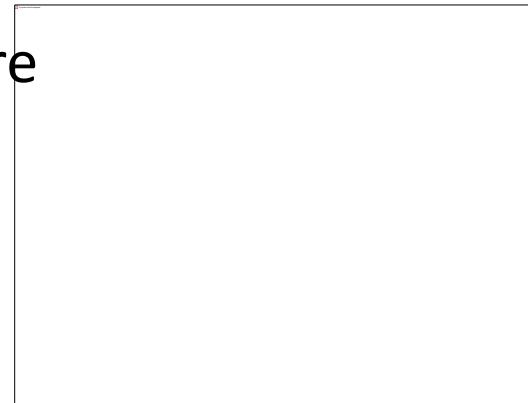
<p>Health status:</p> <ul style="list-style-type: none"> • Perception of general health • Chronic conditions • Hospitalisation 	<p>COVID-19:</p> <ul style="list-style-type: none"> • Covid-19 symptom history • Self-perceived risk perception • Screening and testing history • Assessment of preparedness • Practices of mitigation strategies 	<p>Mental health:</p> <ul style="list-style-type: none"> • Emotional wellbeing <p>Sexually Transmitted Infections:</p> <ul style="list-style-type: none"> • Current and previous symptoms
<p>Delivery and care details:</p> <ul style="list-style-type: none"> • Current pregnancy • ANC services • Breastfeeding, formula feeding, pre-mastication 	<p>Contraception:</p> <ul style="list-style-type: none"> • Knowledge • Ever and current use 	<p>Male circumcision:</p> <ul style="list-style-type: none"> • Circumcision status and type • Age and place of circumcision • Reasons, complications and knowledge
<p>Sexual history:</p> <ul style="list-style-type: none"> • Sexual debut • Partner history • Sexual orientation and identity • Transactional sex • Concurrency • Age mixing • Condom use 	<p>HIV testing and risk perception:</p> <ul style="list-style-type: none"> • Testing history • Source & testing reason • Antiretroviral treatment • Antiretroviral adherence • Drug regimen prescription • Risk perception 	<p>HIV disclosure:</p> <ul style="list-style-type: none"> • Relationship of person disclosed to • Reaction and consequence <p>Violence in relationships:</p> <ul style="list-style-type: none"> • Occurrence of intimate partner violence

SPECIMEN TESTING



Dried blood spot (DBS) specimens, collected by finger-prick (or heel-prick in infants) will be tested for:

- HIV infection status
- HIV incidence
- Antiretroviral (ARV) exposure
- Viral load
- HIV Drug resistance
- SARS CoV-2



HIV TESTING SERVICES AND RETURN OF TEST RESULTS



All participants will be offered a full package of home-based HIV Testing Services (HTS) which includes HIV rapid testing, pre- and post-test HIV counselling, and linkage to care or referral to care if this is rejected in accordance with the South Africa national guidelines for HTS.

Test Results	Returned to participants and/ or health facility
HIV status	Returned to participant immediately in the household
Viral load	Returned through facility, within 8-12 weeks
Discrepant HIV serology results	Returned at household, within 12 weeks
HIV testing for children under 2 years old	Returned at household within 8-12 weeks
HIVDR	Returned through facility after 6 months
COVID-19	Returned via SMS to individuals with explanatory

YOUR VOICE MATTERS



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CONSORTIUM AND PARTNERS

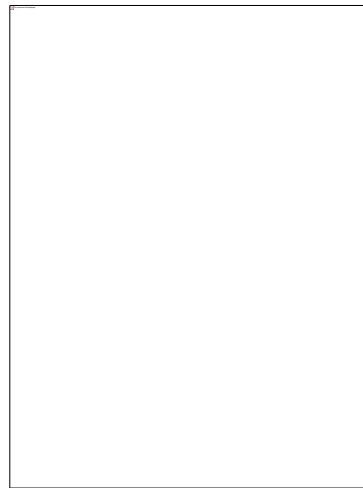


- U.S. Centers for Disease Control and Prevention (CDC)
- South African Medical Research Council (SAMRC)
- National Institute for Communicable Diseases (NICD)
- University of Cape Town (UCT)
- Foundation for Professional Development
- National Department of Health (NDoH)
- South African National AIDS Council (SANAC)
- United Nations Children’s Fund (UNICEF)
- United States Agency for International Development (USAID)
- Joint United Nations Programme on HIV/AIDS (UNAIDS)

FUNDER SOURCE



President's Emergency Plan for AIDS Relief (PEPFAR) through the Centers for Disease Control and Prevention (CDC).





THANK YOU

