Africa Centre HDSS, South Africa

Map Location of ACDIS Site, South Africa: Monitored Population 93,540

Brief Description

The Africa Centre is a joint project of the University of KwaZulu-Natal and the Medical Research Council of South Africa. It is situated in the municipality of Mtubatuba, in the rural Umkhanyakude District of northern KwaZulu-Natal, South Africa. The Centre has a staff of 400, two-thirds of them local, working in its headquarters near Mtubatuba, 220km north of Durban, and its virology laboratory in Durban's Nelson R. Mandela Medical School.

Total population in 2010 was 93,540 (Male 44,545; Female 48,995)
**Demographic Characteristics: 2010**

<table>
<thead>
<tr>
<th>Demographic Indicator</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crude Birth Rate (CBR)</td>
<td>16.5 per 1000 population</td>
</tr>
<tr>
<td>Total Fertility Rate (TFR)</td>
<td>2.5 per woman</td>
</tr>
<tr>
<td>Crude Death Rate (CDR)</td>
<td>10.5 per 1000 population</td>
</tr>
<tr>
<td>Neonatal Mortality (residents)</td>
<td>4.8 per 1000 live births</td>
</tr>
<tr>
<td>Infant Mortality (residents)</td>
<td>44 per 1000 live births</td>
</tr>
<tr>
<td>Rate of Natural Increase</td>
<td>6 per 1000 population</td>
</tr>
<tr>
<td>In-Migration</td>
<td>67 per 1000 population</td>
</tr>
<tr>
<td>Out-Migration</td>
<td>70 per 1000 population</td>
</tr>
<tr>
<td>Growth Rate (residents)</td>
<td>-0.4 percent</td>
</tr>
</tbody>
</table>

**Objectives:**

- To further improve understanding of HIV dynamics and the impact of ART roll-out at individual, household, clinic, community level
- To identify approaches to, and target groups for, interventions
- To evaluate interventions at individual, household and community level
- To implement and further evaluate HIV treatment and prevention programmes
Priority Research Areas

- HIV/AIDS surveillance
- Sexual and reproductive health
- Socioeconomic impact of HIV/AIDS
- Household dynamics
- HIV and STI intervention studies.

Funders

- Wellcome Trust (Principal Funder)
- National Institute of Health (NIH)
- President’s emergency plan for AIDS relief (PEPFAR)
- Department for International Development (DFID)
- Centre for International Migration (CIM)
- The European and Development Countries Clinical Trials Partnership (EDCTP)
- ANRS, France
- University of Aberdeen
- IMMPACT
- Swiss South African Joint Research Program (CSIR)

Collaborators

- University College London
- London School of Tropical Hygiene and Medicine
- Centre for Population Studies
- ALPHA-Network
- University of Michigan
- University of Cape Town
- WHO (SURVART)
- Imperial College/Manicaland HIV Prevention Project
- Medical Research Council, Clinical Trials Unit, UK
- University of KwaZulu-Natal Schools/Research Units: HIVAN,
- School of Development Studies (SODS)
- Nelson Mandela Medical School;
- Princeton University, USA,
- INDEPTH Network
- University of Glasgow
- Harvard School of Public Health
Key Publications


Agincourt census launch August 2010

The Ethiopian HDSS and University visitors to Agincourt, 2010