

HIV and AIDS : Business as Usual ?



Dr. Aaron Motsoaledi : Minister of Health

10th November 2009 : Media Briefing

Overview of the Data

HSRC, MRC, &
CADRE

South African National HIV Prevalence, Incidence, & Behaviour and Communication Survey, 2008

NDoH

2008 National Antenatal Sentinel HIV and Syphilis Prevalence Survey

NCCEMD

Saving Mothers 2005-2007: Fourth Report on Confidential Enquiries into Maternal Deaths in South Africa

MRC

Saving Babies 2006-2007: Sixth report on perinatal care in South Africa

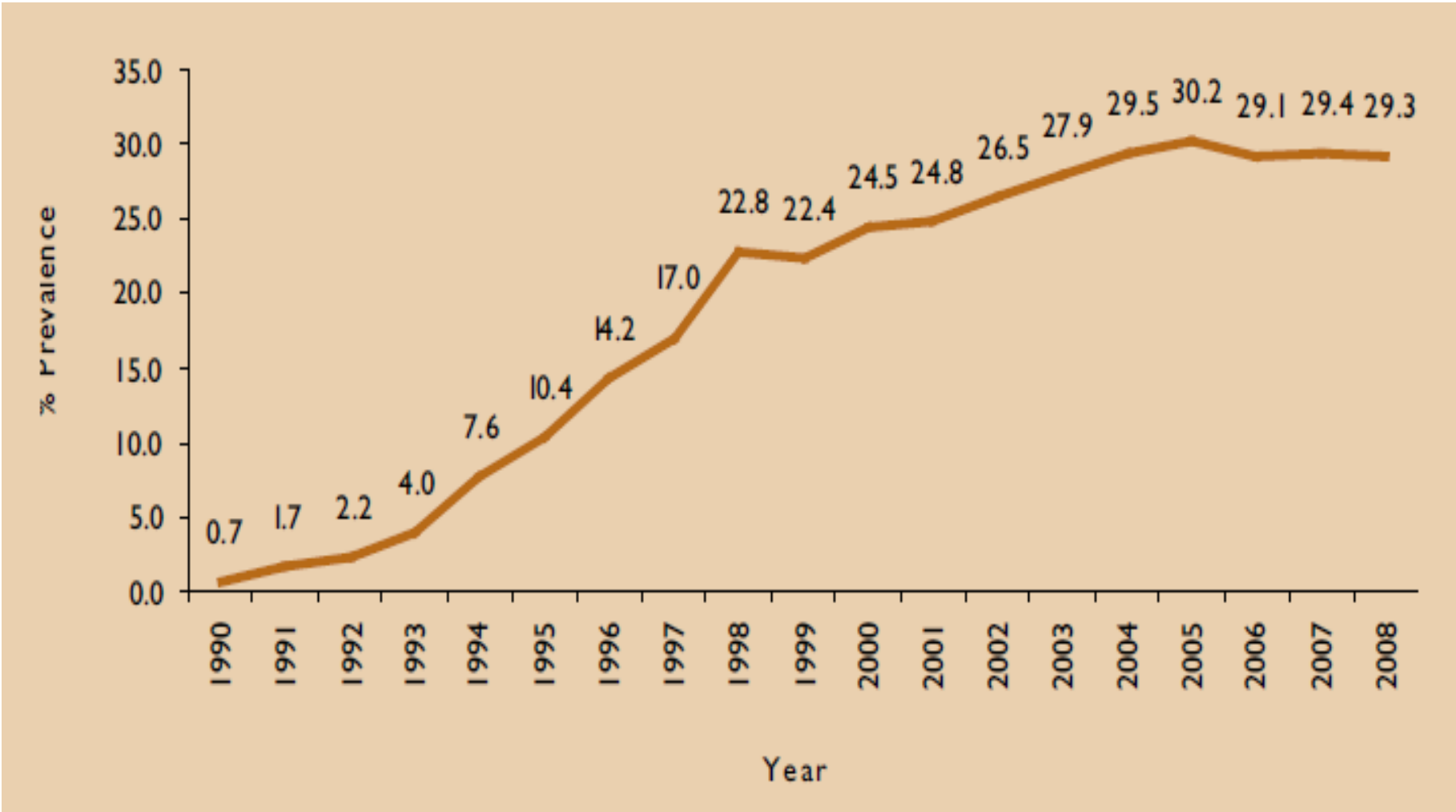
MRC

Saving Children 2005- 2007: A fourth survey of child healthcare in South Africa

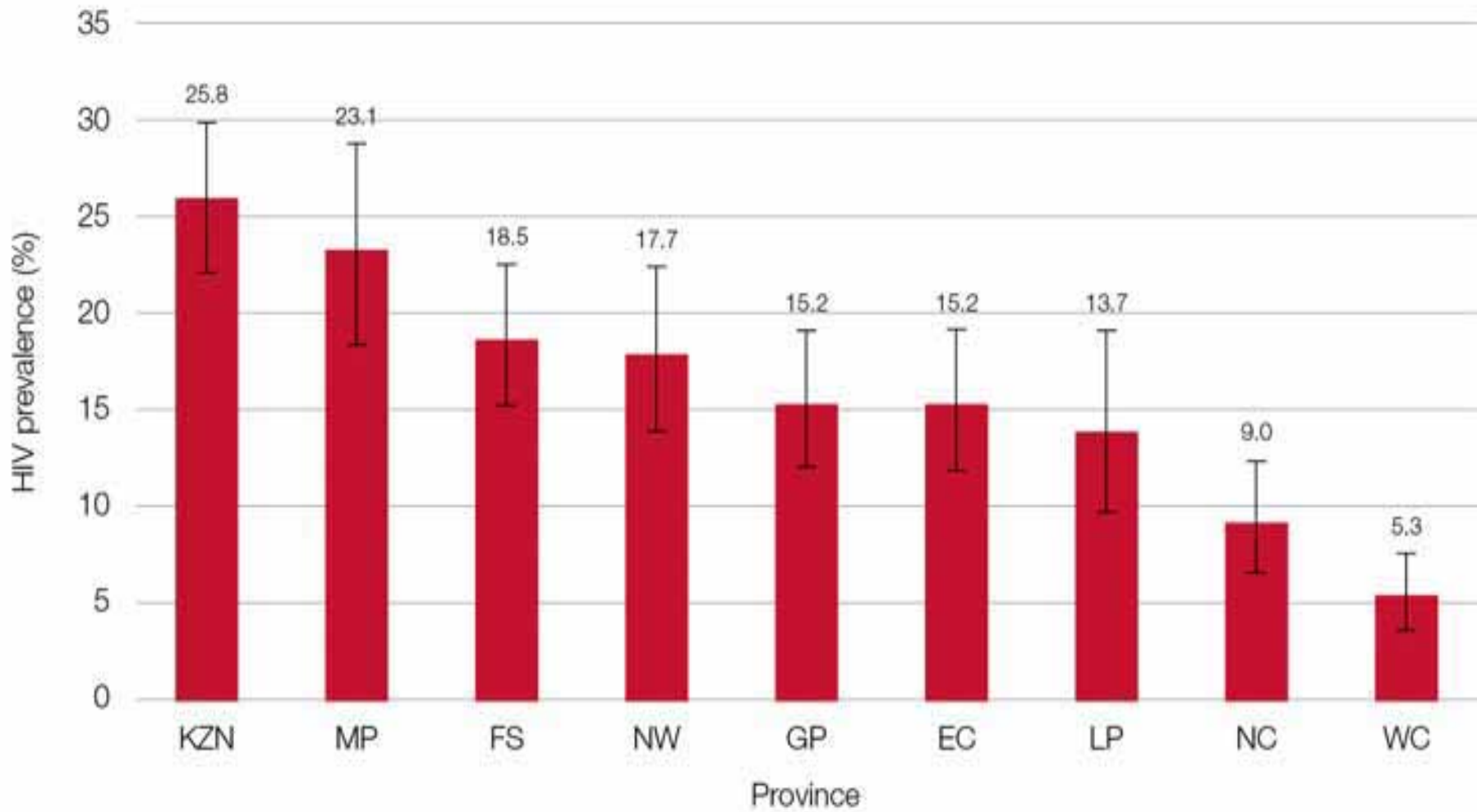
Overview of the Data

Stats SA	Midyear population estimates 2009 Mortality and causes of death in South Africa, 2007: Findings from death notification
The Lancet	Volume 374, Issue 9693, 12 September 2009
IEC	Independent Electoral Commission data on the voters roll
Dept. Home Affairs	Historical Data 2008
ARKSA	Meeting the HIV Treatment Gap in SA presentation, August 2008
WHO	Global Tuberculosis Control, Surveillance, Planning, Financing 2009
WHO NDoH	TB Review

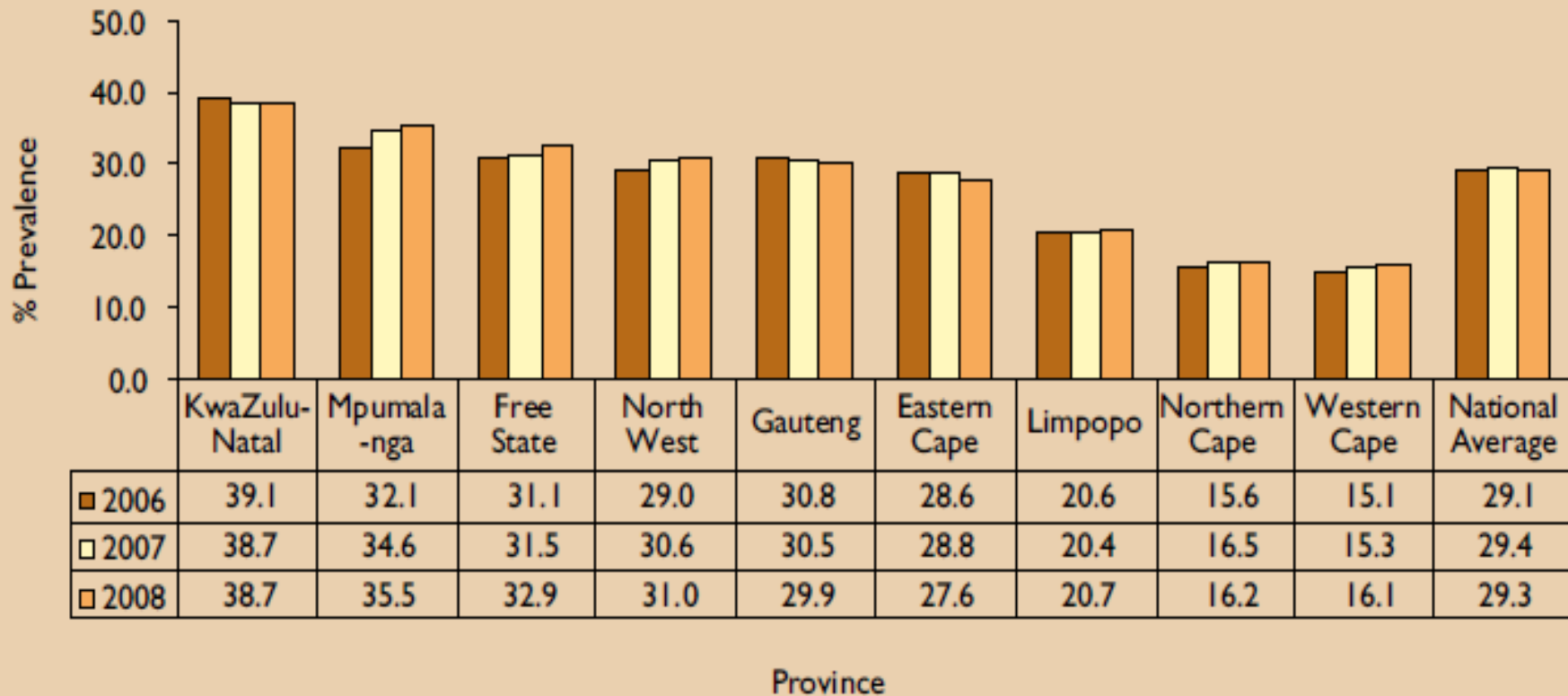
HIV prevalence epidemic curve among antenatal women, 1990-2008



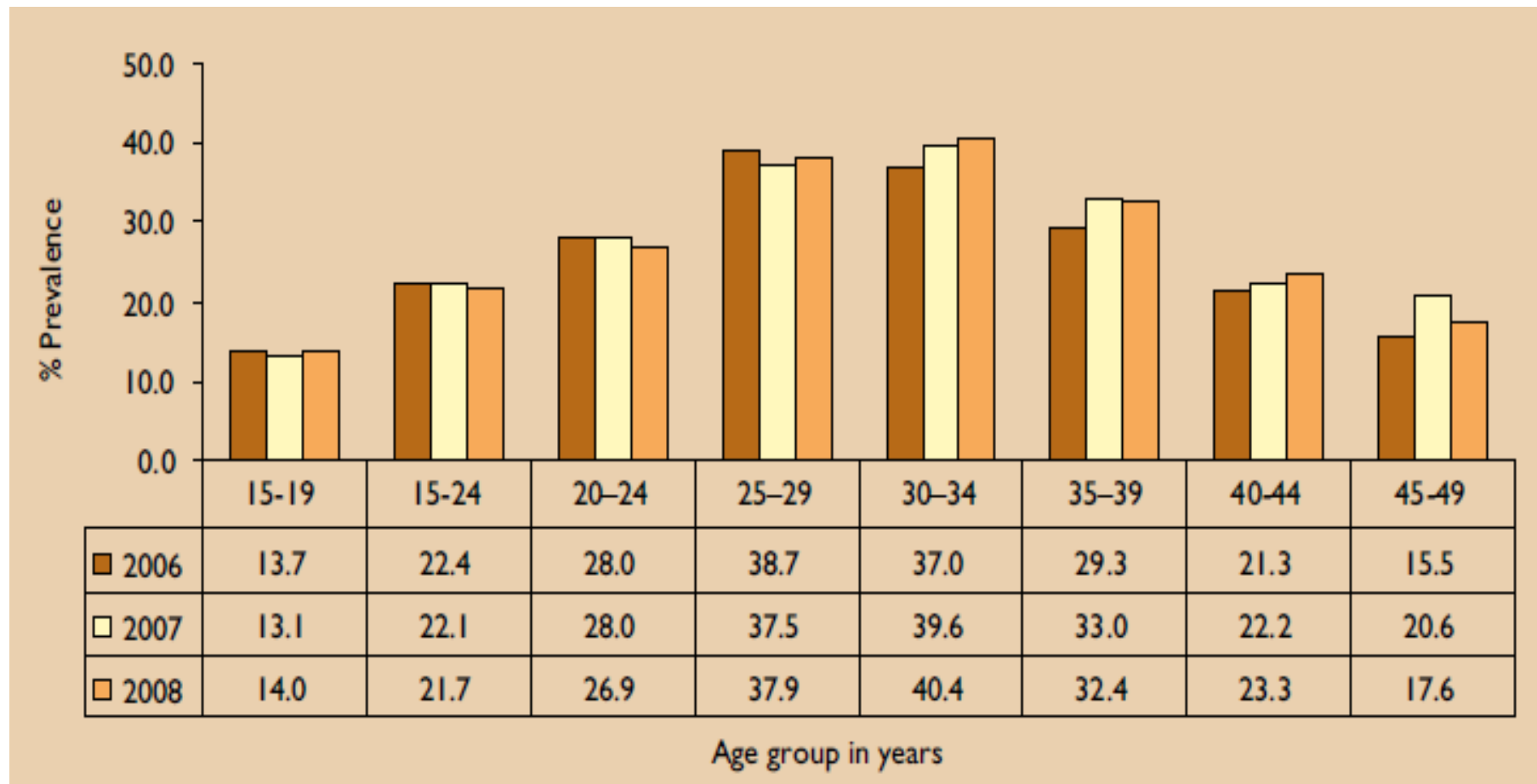
HIV prevalence among 15-49 year olds by Province, 2008



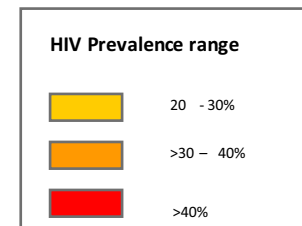
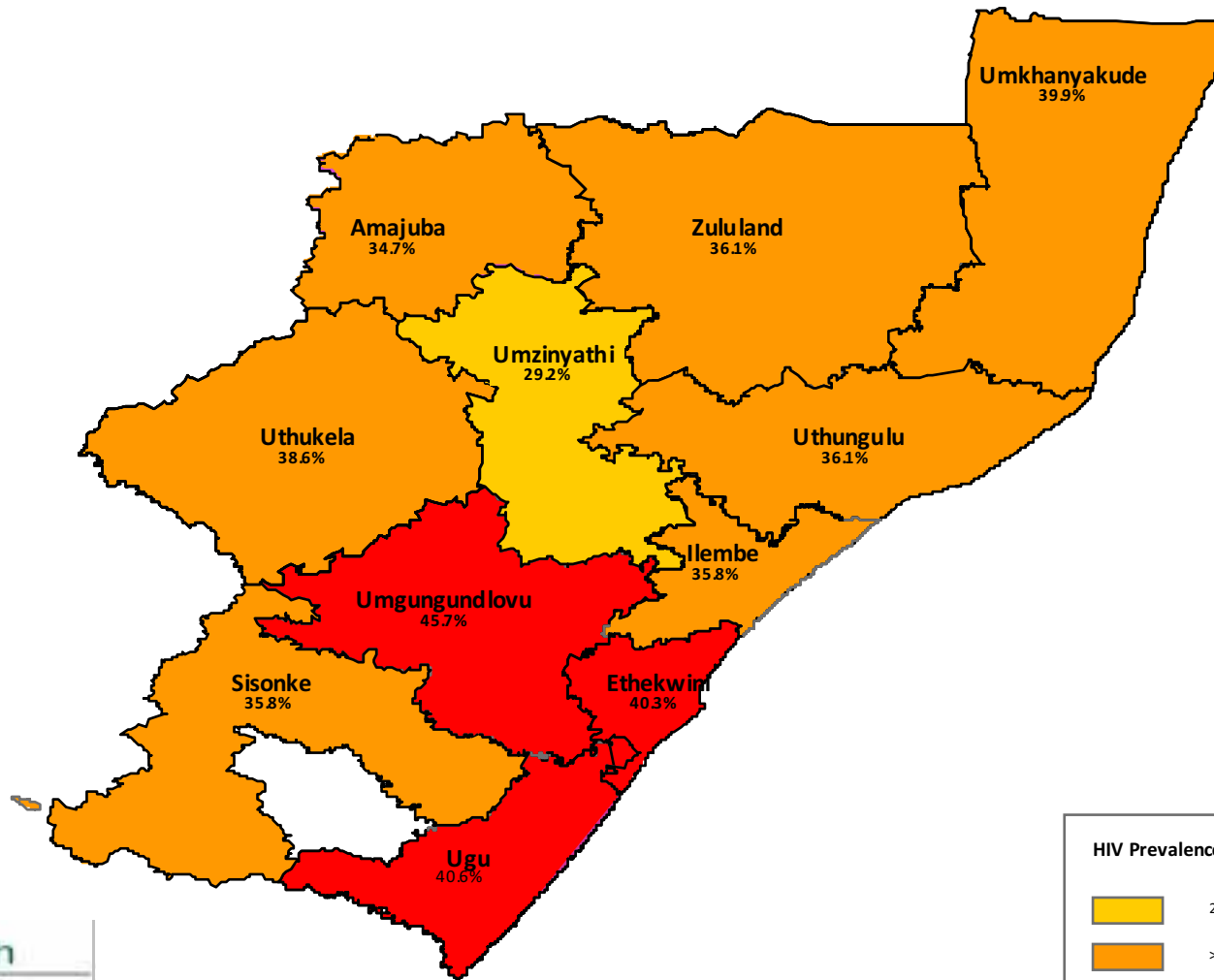
HIV prevalence trends among antenatal women by Province, 2008



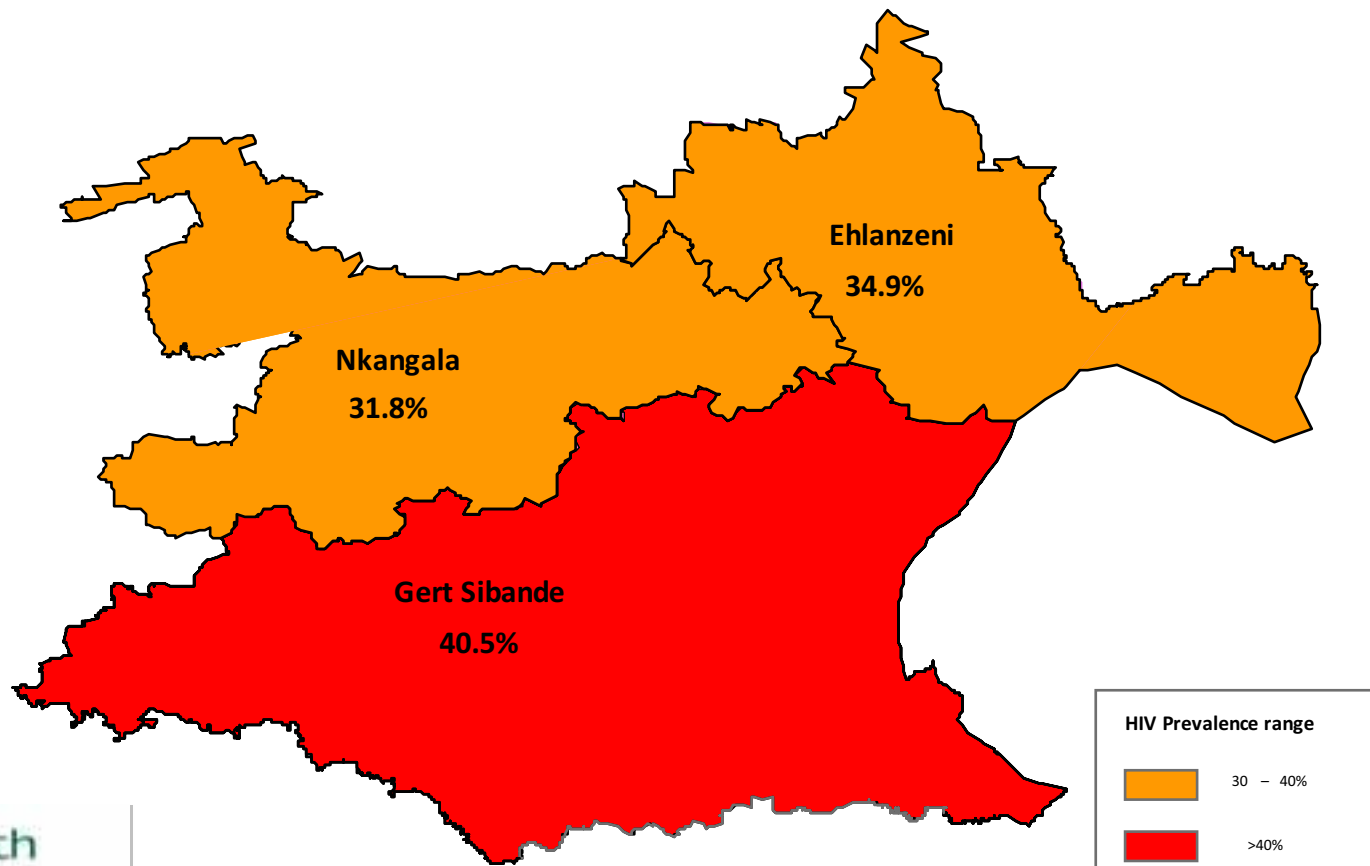
HIV prevalence trends among antenatal women by age group, 2008



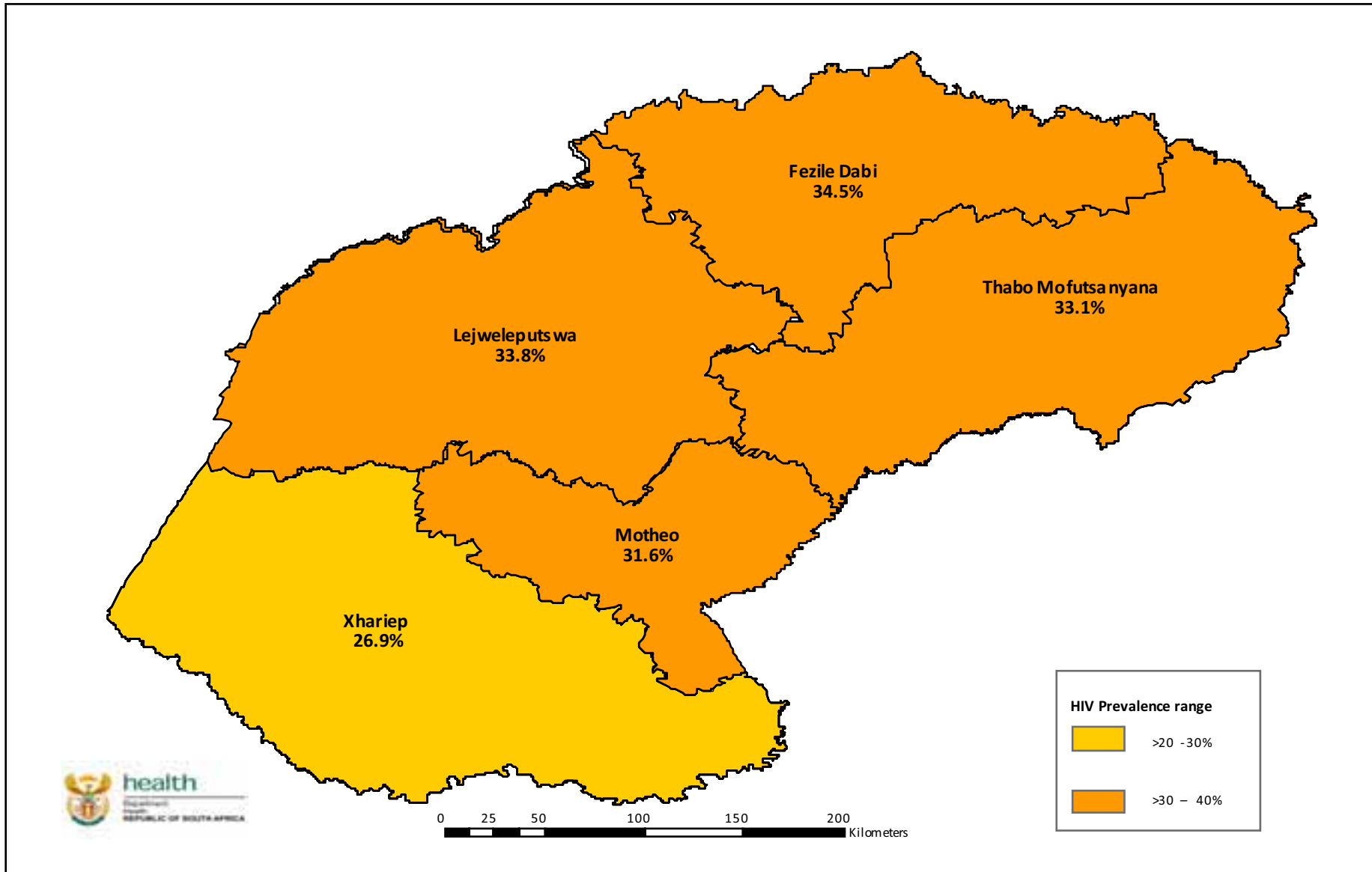
HIV prevalence distribution among antenatal women in KwaZulu-Natal by district, 2008



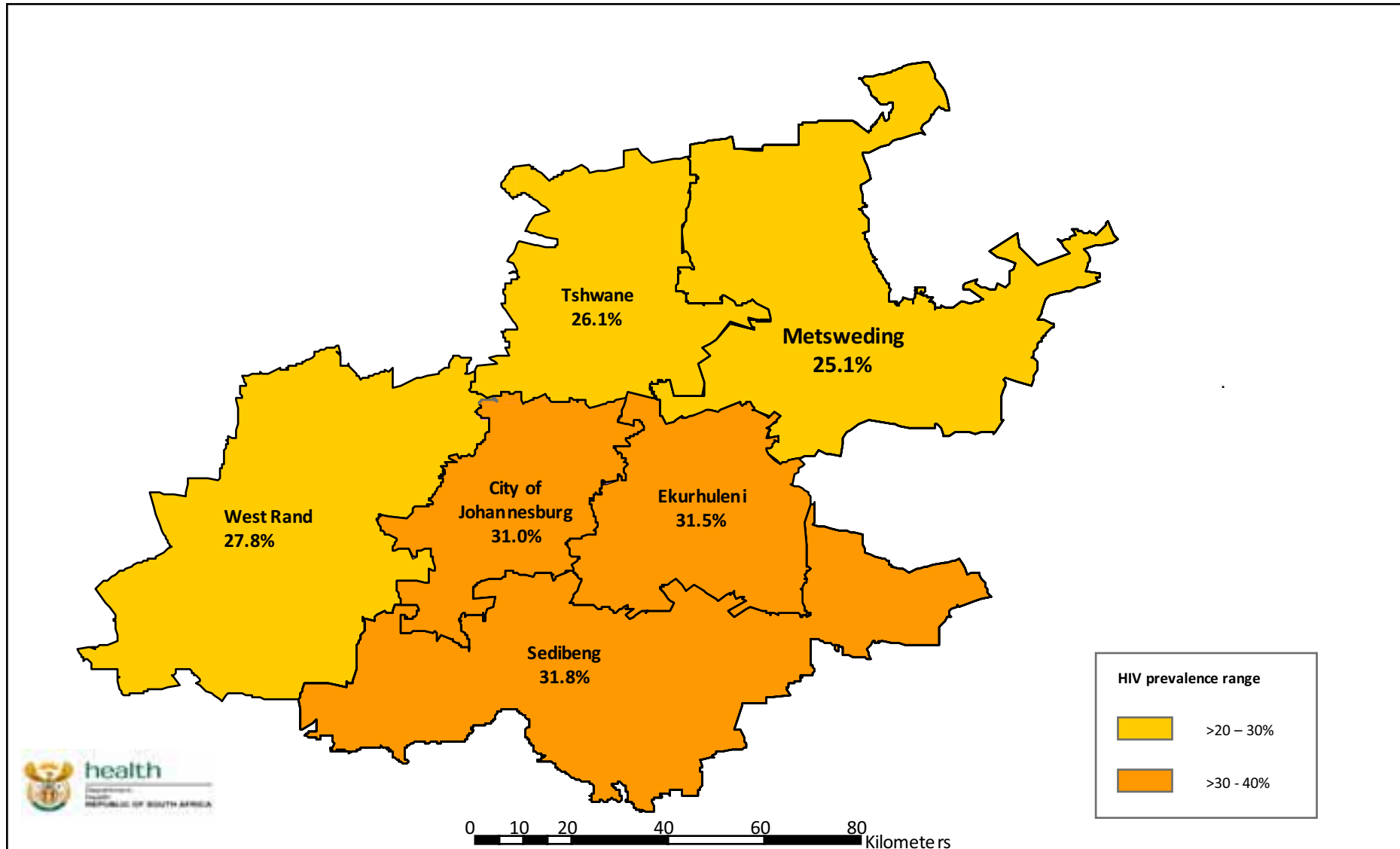
HIV prevalence distribution among antenatal women in Mpumalanga by district, 2008



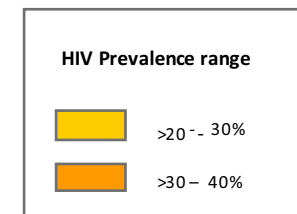
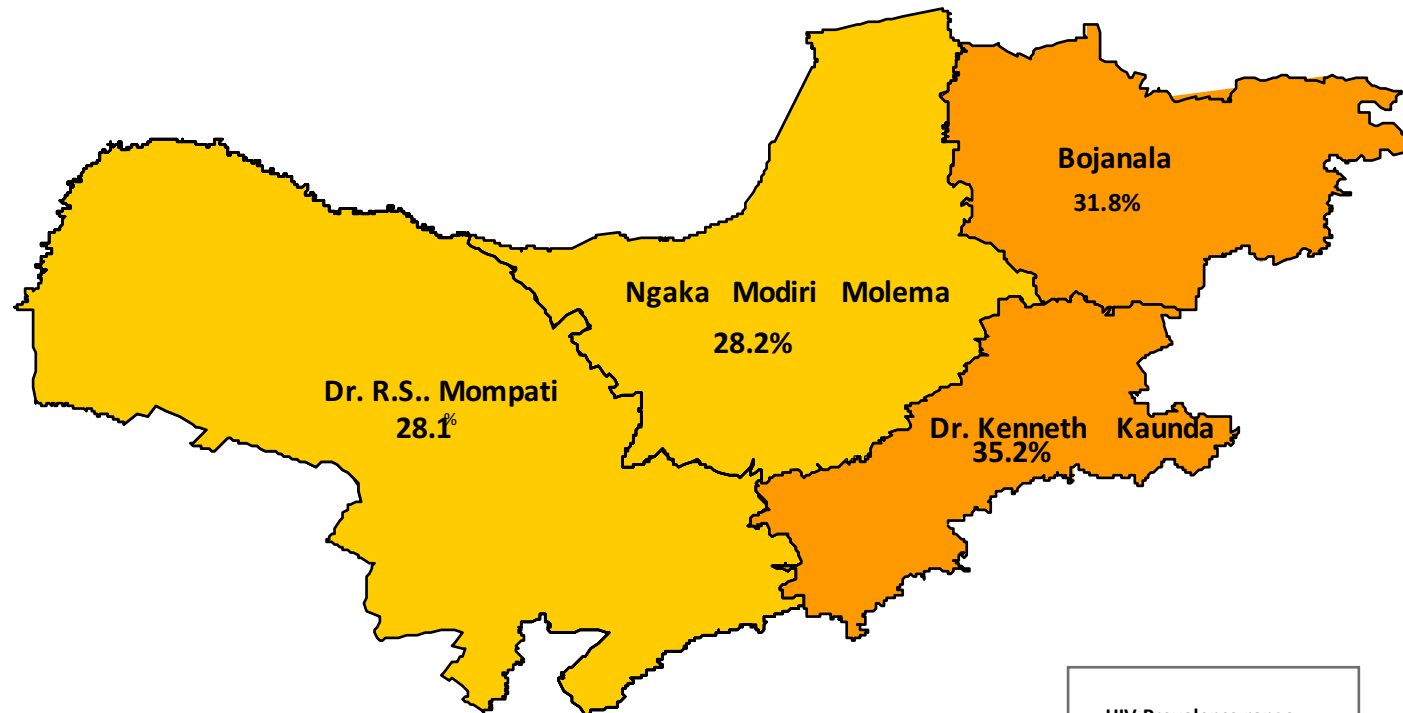
HIV prevalence distribution among antenatal women in Free State by district, 2008



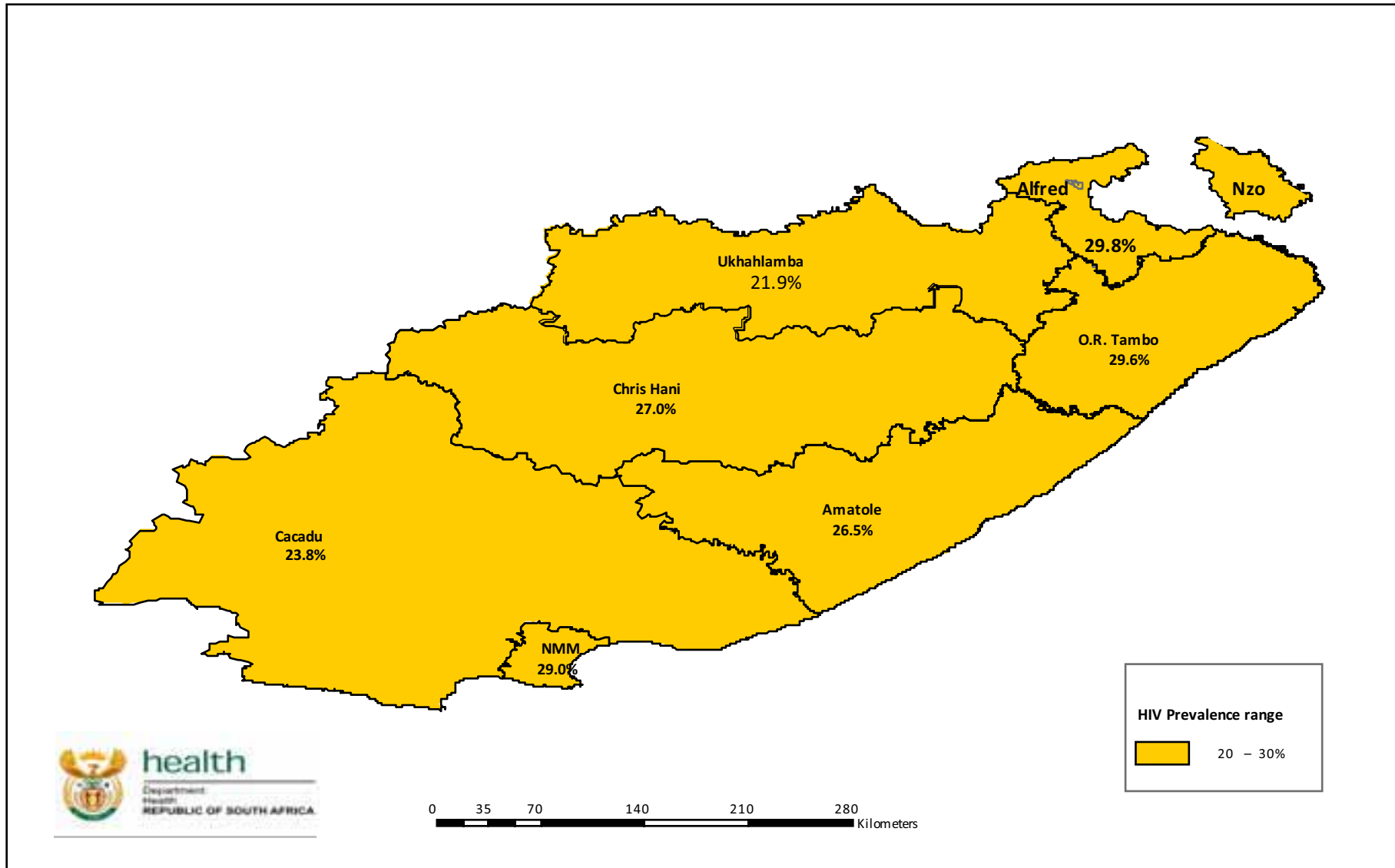
HIV prevalence distribution among antenatal women in Gauteng by district, 2008



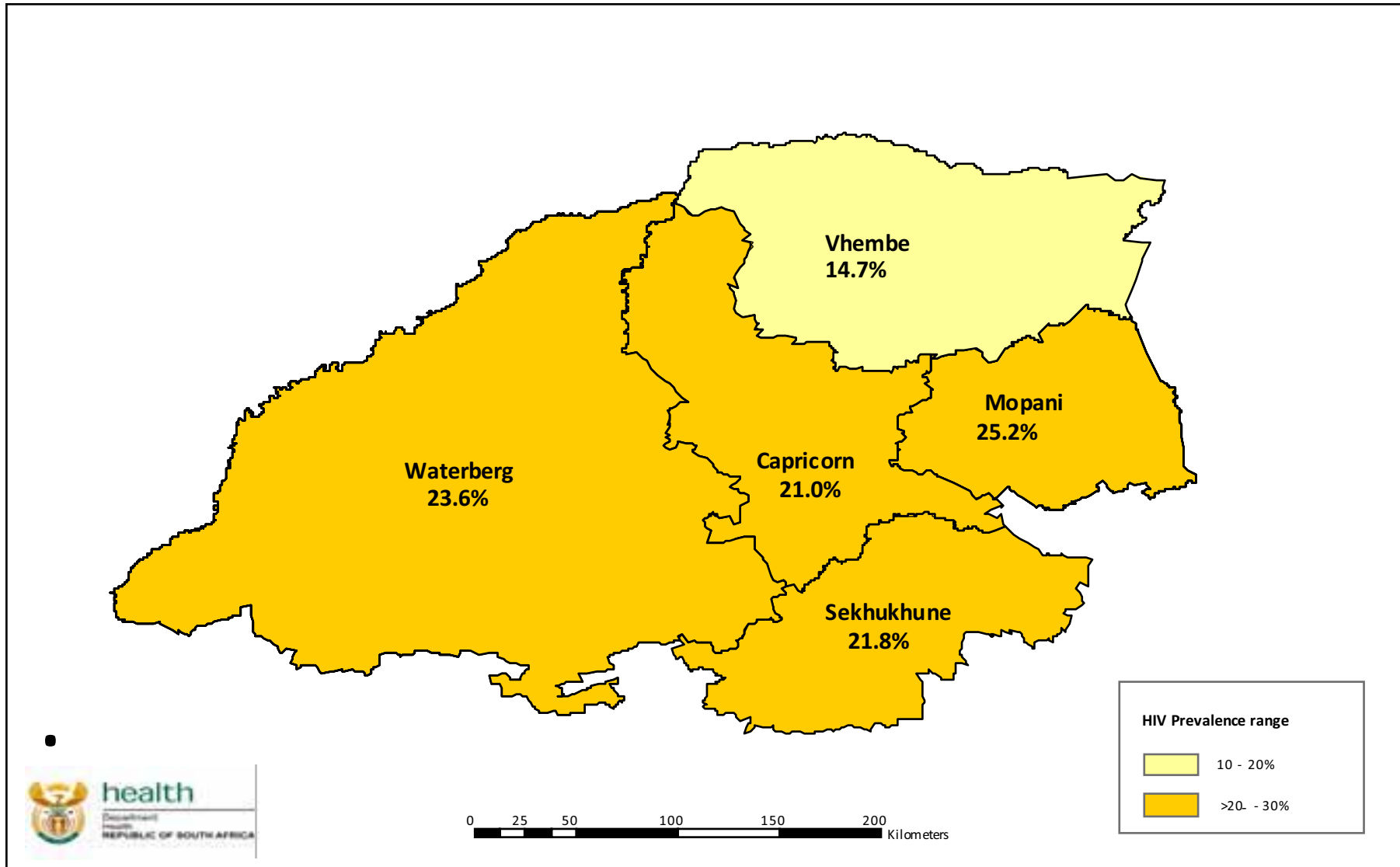
HIV prevalence distribution among antenatal women in North-West by district, 2008



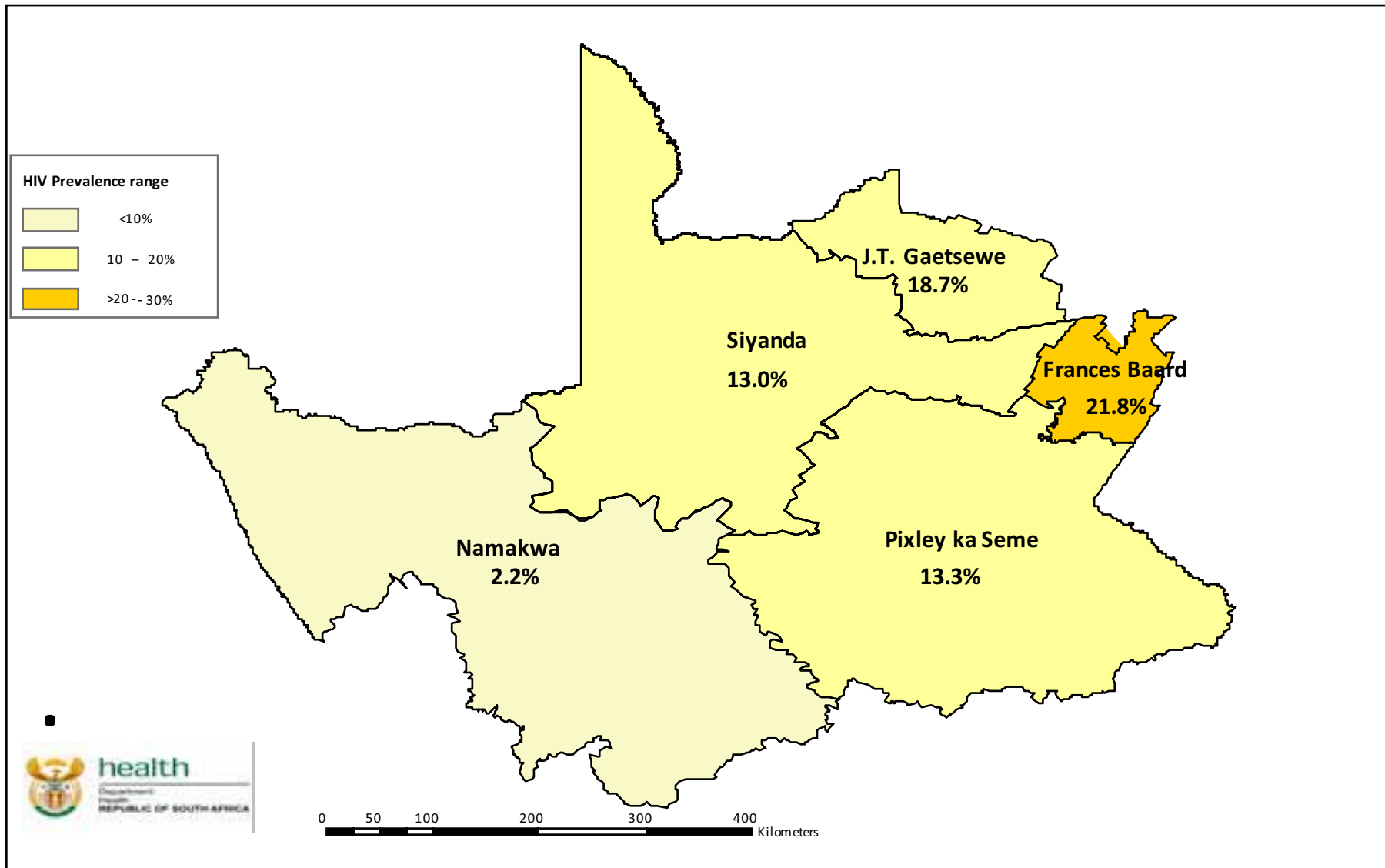
HIV prevalence distribution among antenatal women in Eastern Cape by district, 2008



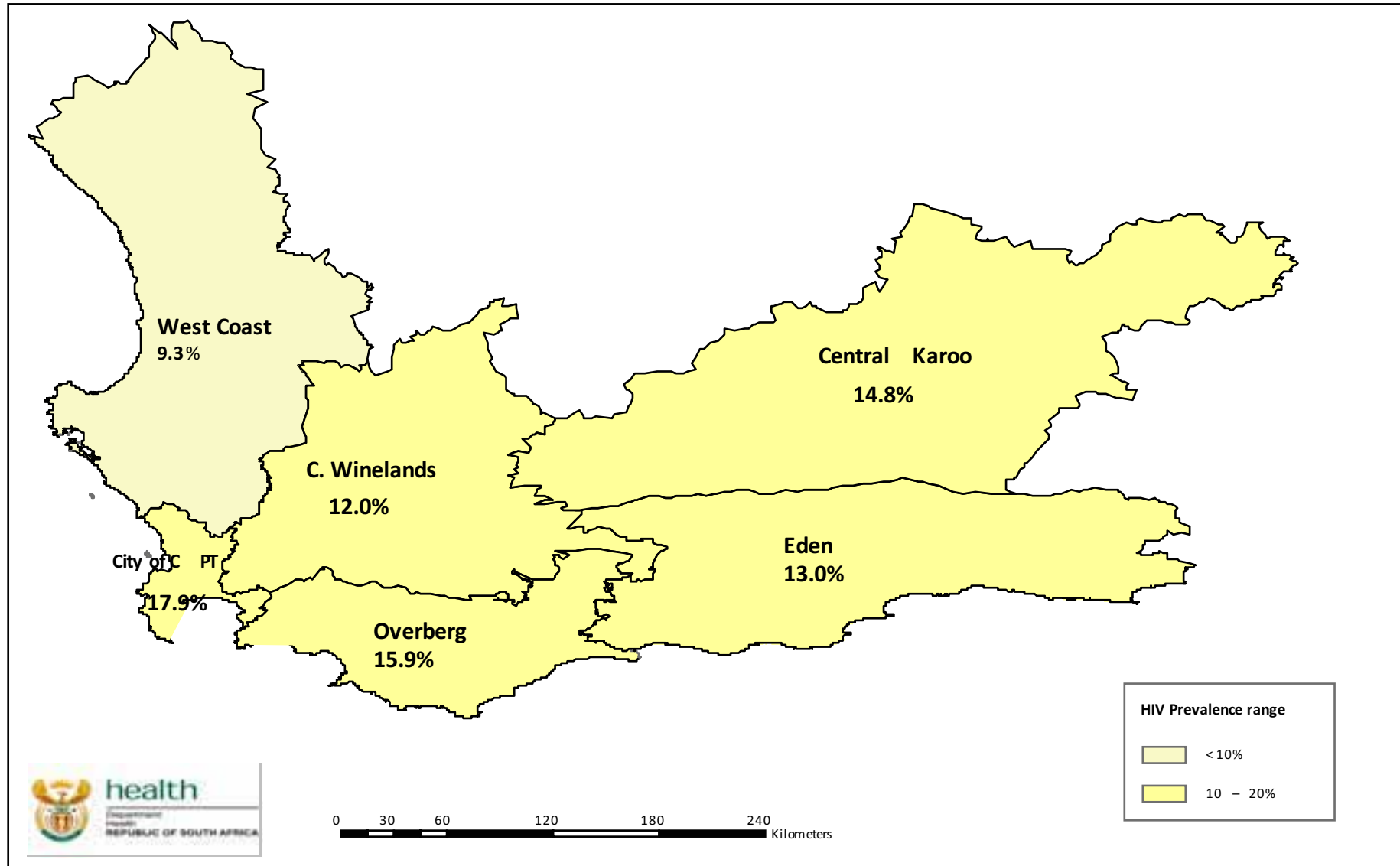
HIV prevalence distribution among antenatal women in Limpopo by district, 2008



HIV prevalence distribution among antenatal women in Northern Cape by district, 2008



HIV prevalence distribution among antenatal women in Western Cape by district, 2008



Conclusions from Antenatal Survey

- Average antenatal prevalence is 29.3%
- 4 districts recorded HIV prevalence above 40%
- 17 districts recorded between 30% and 40%
 - 6 in KZN
 - 3 in Gauteng
 - 4 in FS
 - 2 in Mpumalanga
 - 2 in NW
- 19 districts recorded HIV prevalence between 20% and 30%

Stats SA: Mid-year Population Estimates 2009

- 31.4% of the population (15.48 million) are children aged younger than 15 years
- Of those younger than 15 years:
 - 23% (3,54 million) live in KZN
 - 17,9% (2,78 million) live in Gauteng

Life expectancy at birth

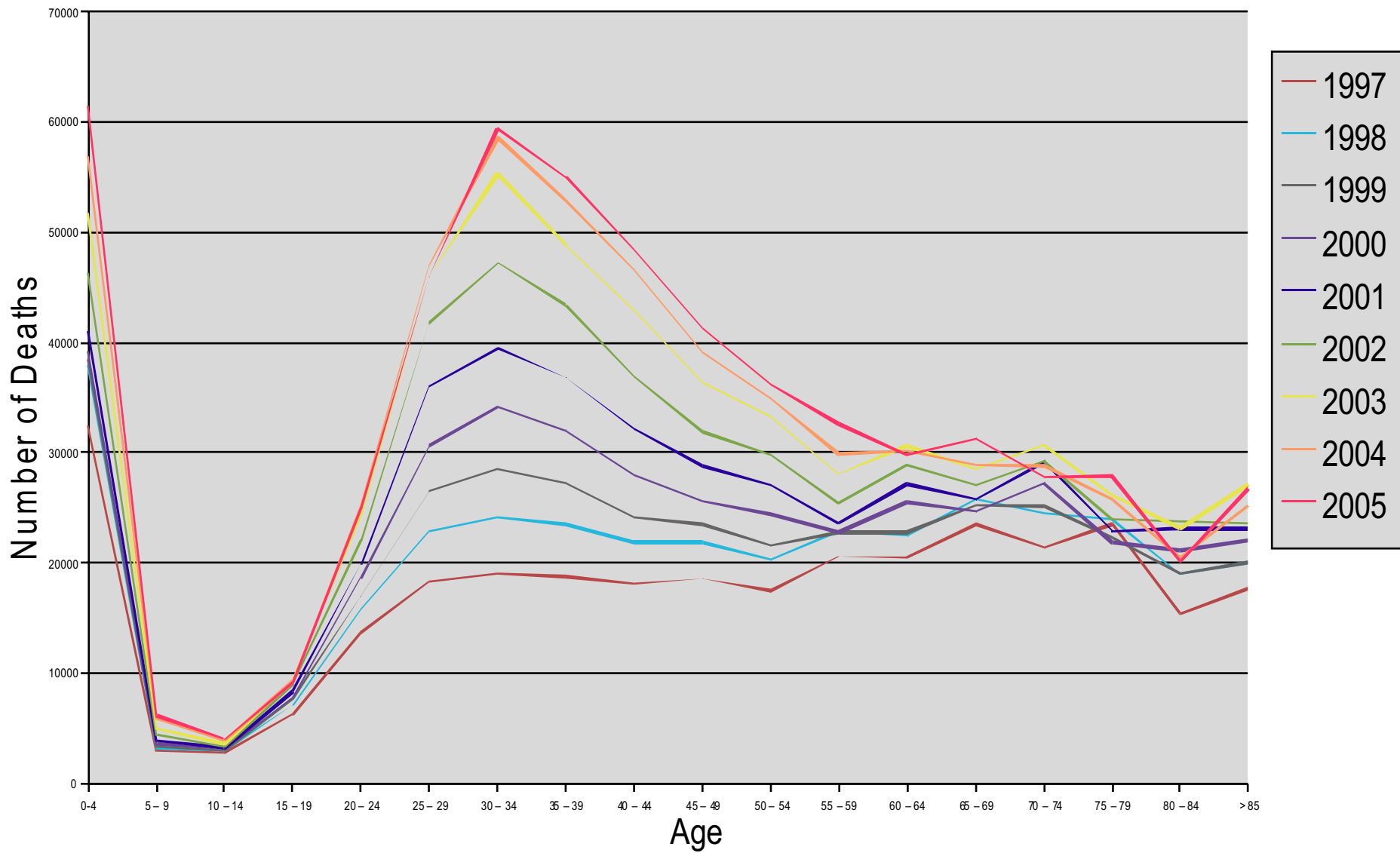
Actuarial Society of SA estimate life expectancy in South Africa to be 13 years below what it would be without HIV.

Country	Gender	Reference		
Algeria	Female	UNPD World Population Prospects 2006 estimate	Years	72
Algeria	Male	UNPD World Population Prospects 2006 estimate	Years	70
Senegal	Female	UNPD World Population Prospects 2006 estimate	Years	64
Senegal	Male	UNPD World Population Prospects 2006 estimate	Years	60
South Africa	Female	UNPD World Population Prospects 2006 estimate	Years	56
South Africa	Male	UNPD World Population Prospects 2006 estimate	Years	51

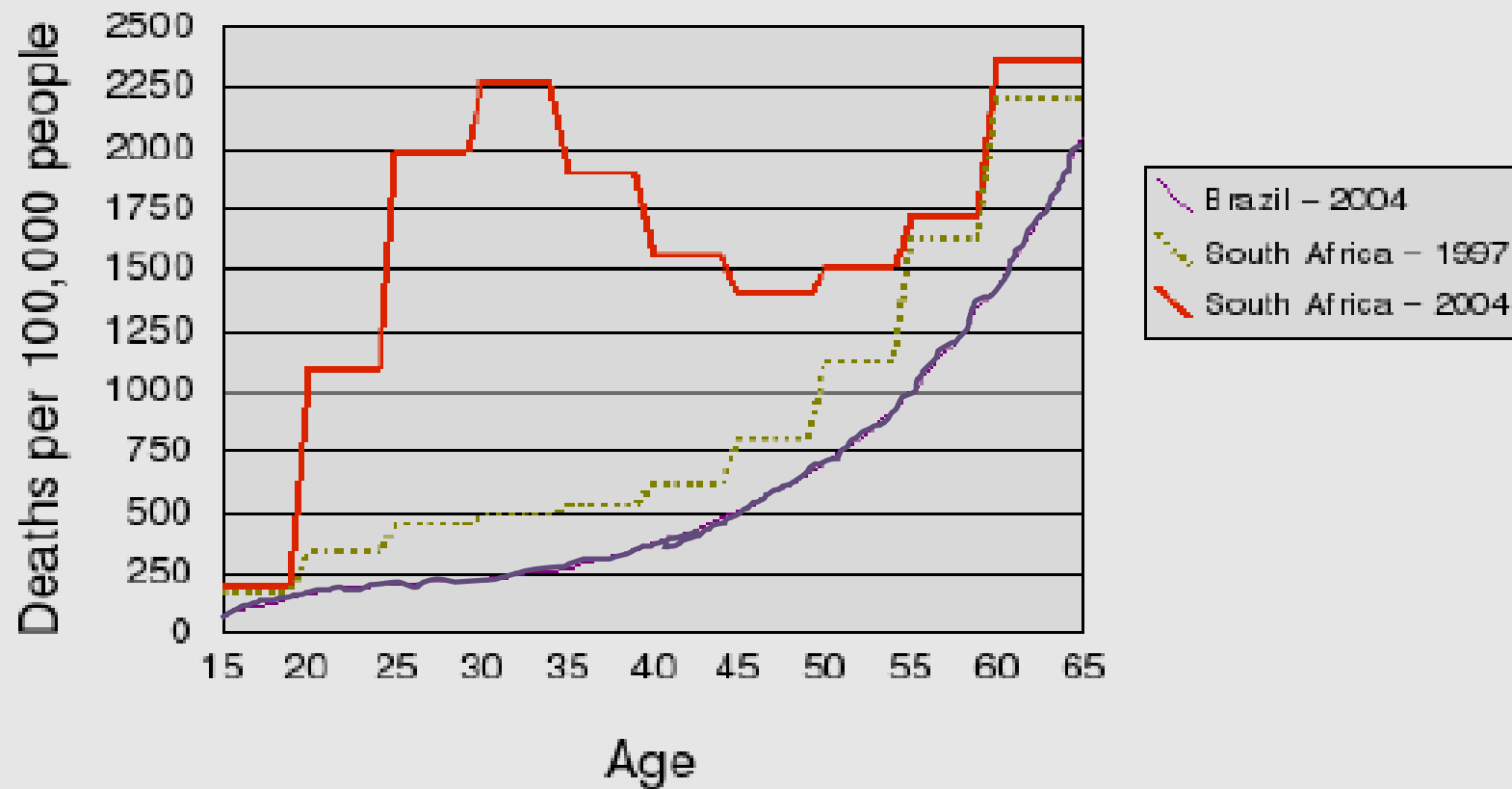
Stats SA: Mortality

In 2006, **59.3%** of deaths (6 out of 10) were deaths of those younger than 50 years.

The number of deaths and age distribution of those deaths for every year from 1997–2005:

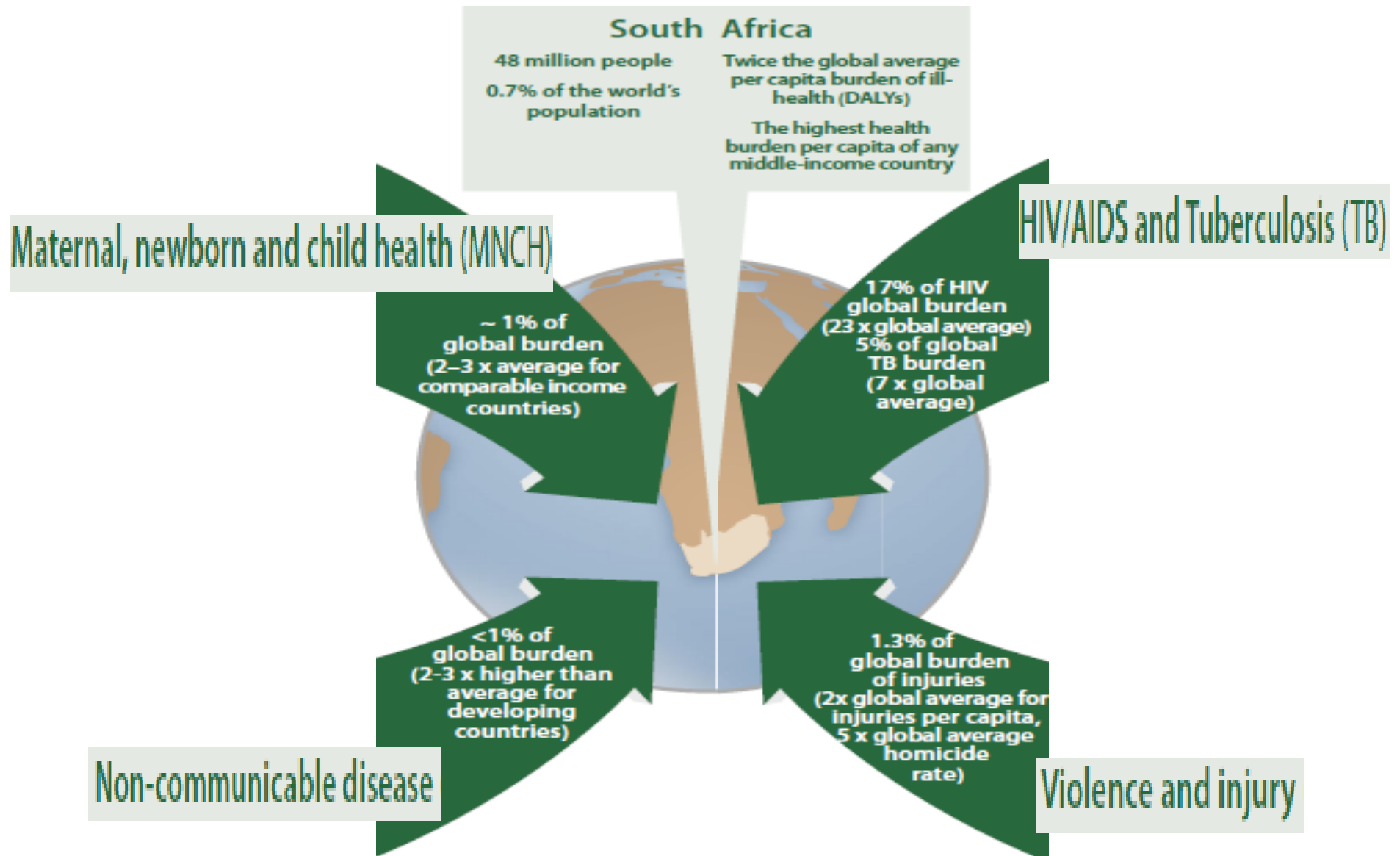


Recorded female deaths in South Africa and Brazil for ages 15 to 64



The Lancet

South Africa's Health: Departing for a Better Future?



Tuberculosis and HIV

TB is the main cause of death of people with HIV

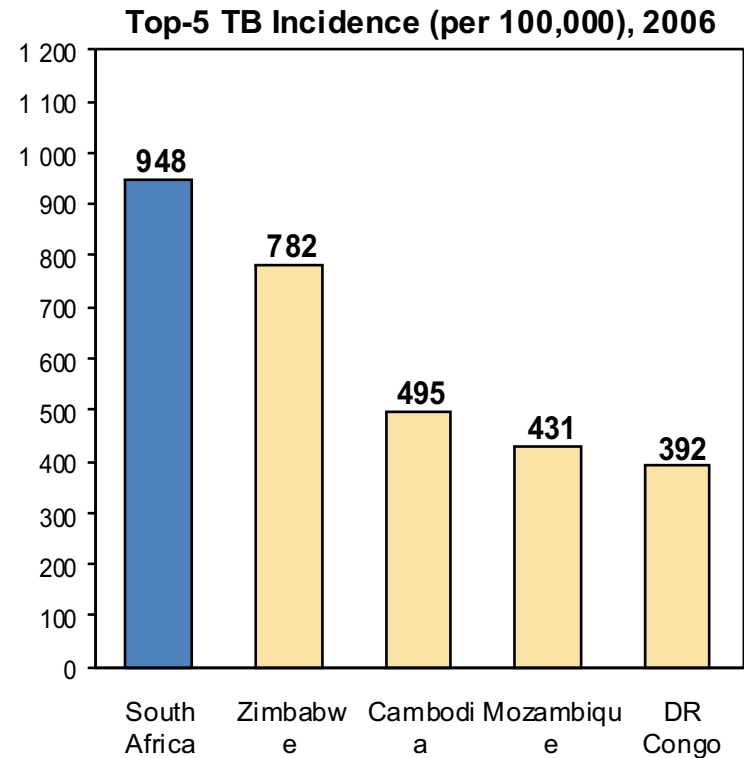
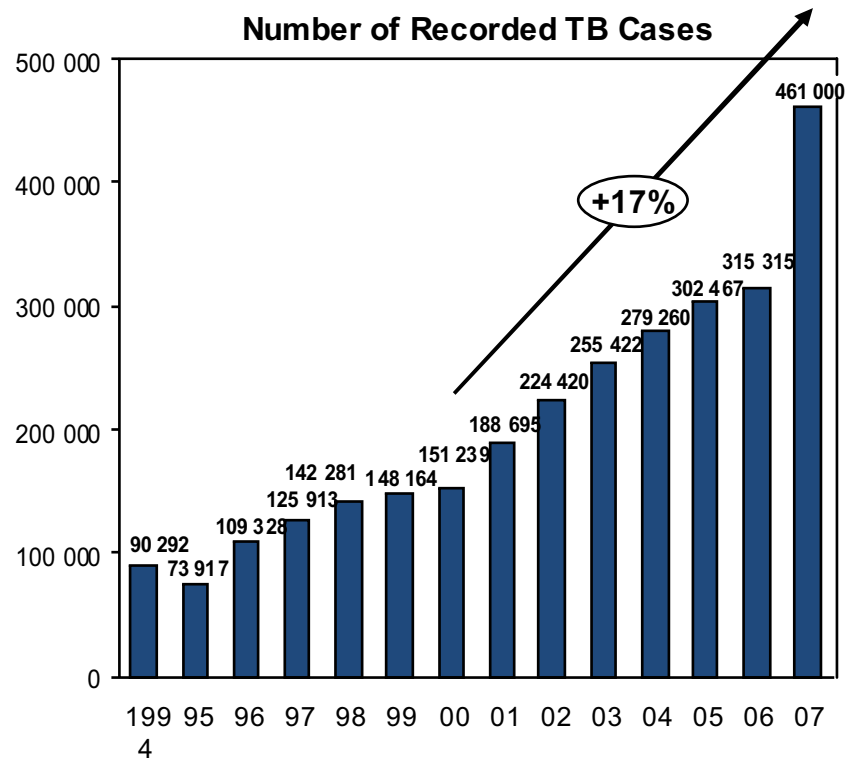
- 22,071 people died of TB in 1997
- 73,903 people died of TB in 2005. **(334.8% increase)**

Estimated number of South Africans with TB (2007) 481,584 (1%)

SA population as a % of world population **0.7%**

SA population as a % of world population with dual HIV & TB **28%**

TB Incidence



- **TB-HIV co-infection is estimated at 73% in 2006; some 400,000 people have TB and HIV**
- **The number of people diagnosed with TB grew by 350% since 1995**
- **900 cases of Extensive Drug Resistant TB were reported between 2004 and 2007**
- **Cure rates in KZN and Mpumalanga are approximately 40%; for SA as a whole we barely breach 60% and our target is 85%**

Source: Development Indicators Mid-Term Review, The Presidency — Republic of South Africa; WHO: Global Tuberculosis Control, Surveillance, Planning, Financing; WHO: Global Tuberculosis Control 2009: Epidemiology, Strategy

D.A.L.Y.

A measure of the burden of ill health

Disease, Injury or Condition	Proportion of total DALYs (%)
HIV / AIDS	30.9%
Tuberculosis	3.7%
[Combined]	[34.6%]
Interpersonal violence or injury	6.5%
Road traffic injury	3.0%

Maternal Mortality

59% of maternal deaths were tested for HIV from 2005-2007.

79% of those tested were HIV infected.

Institutional MMR

- for HIV-negative women: 34/100,000 live births
- for HIV-positive women: 328/100,000 live births
- for women not tested for HIV: 275/100,000 live births

HIV Status of Maternal Deaths

2005-2007 compared with 2002-2004

	2002 - 2004		2005-2007	
HIV Status	Number	%	Number	%
Positive	1226	36%	1884	46.2
Negative	351	10.3%	511	12.5%
Not tested	1829	53.7%	1682	41.3%
Total	3406		4077	

Mortality

Population	48,282,000
Annual number of births	1,102,000

Mothers

Maternal mortality ratio per 100,000 live births	147
Annual number of maternal deaths	1,600

Babies

Stillbirth rate per 1,000 total births	18
Annual number of stillbirths	20,000
Neonatal mortality rate per 1,000 live births	21
Annual number of newborn deaths	22,000

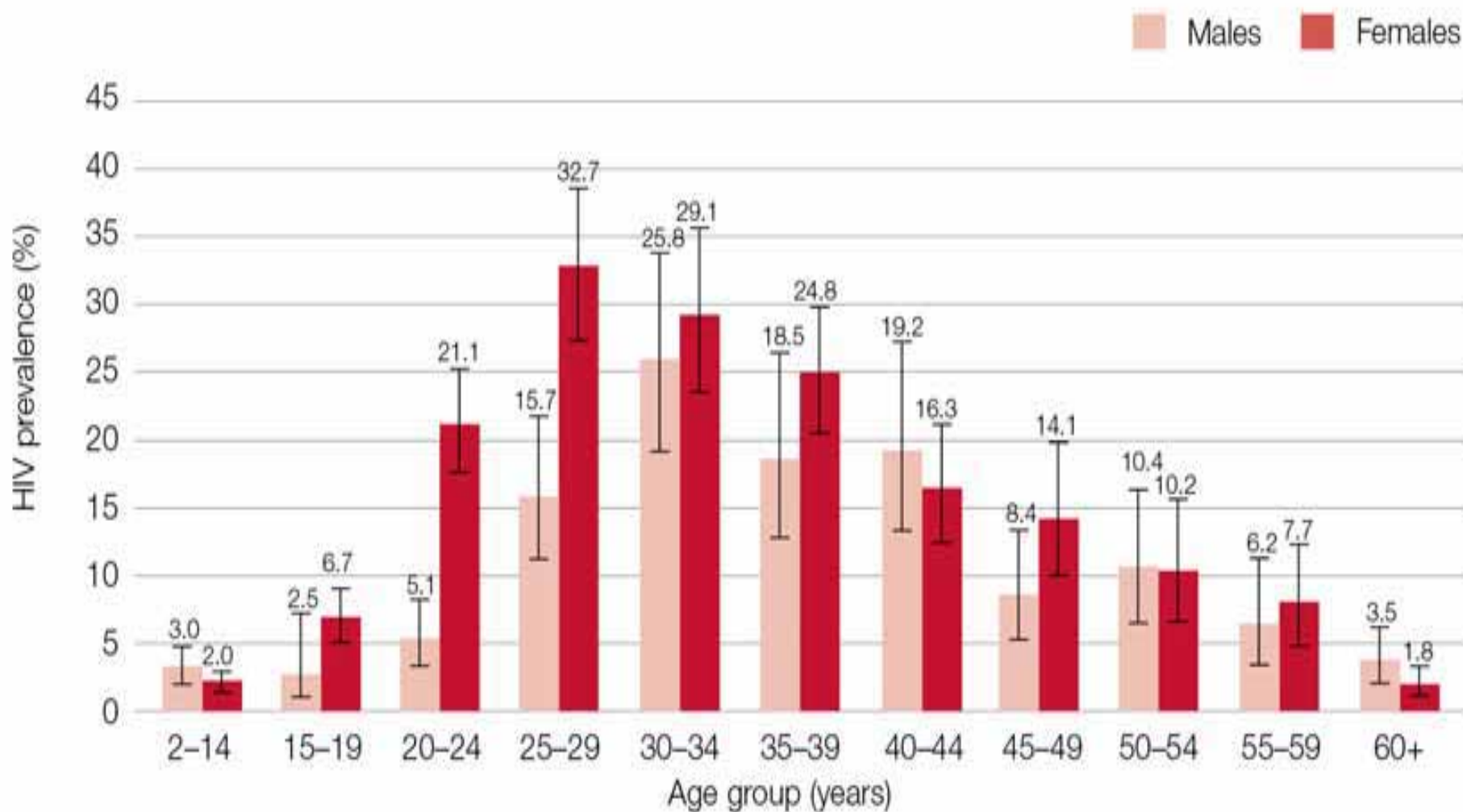
Children

Under 5 mortality rate per 1,000 live births	69
Annual number of under 5 deaths	75,000



Photo: Dianne Lang/Photoshare, 2003

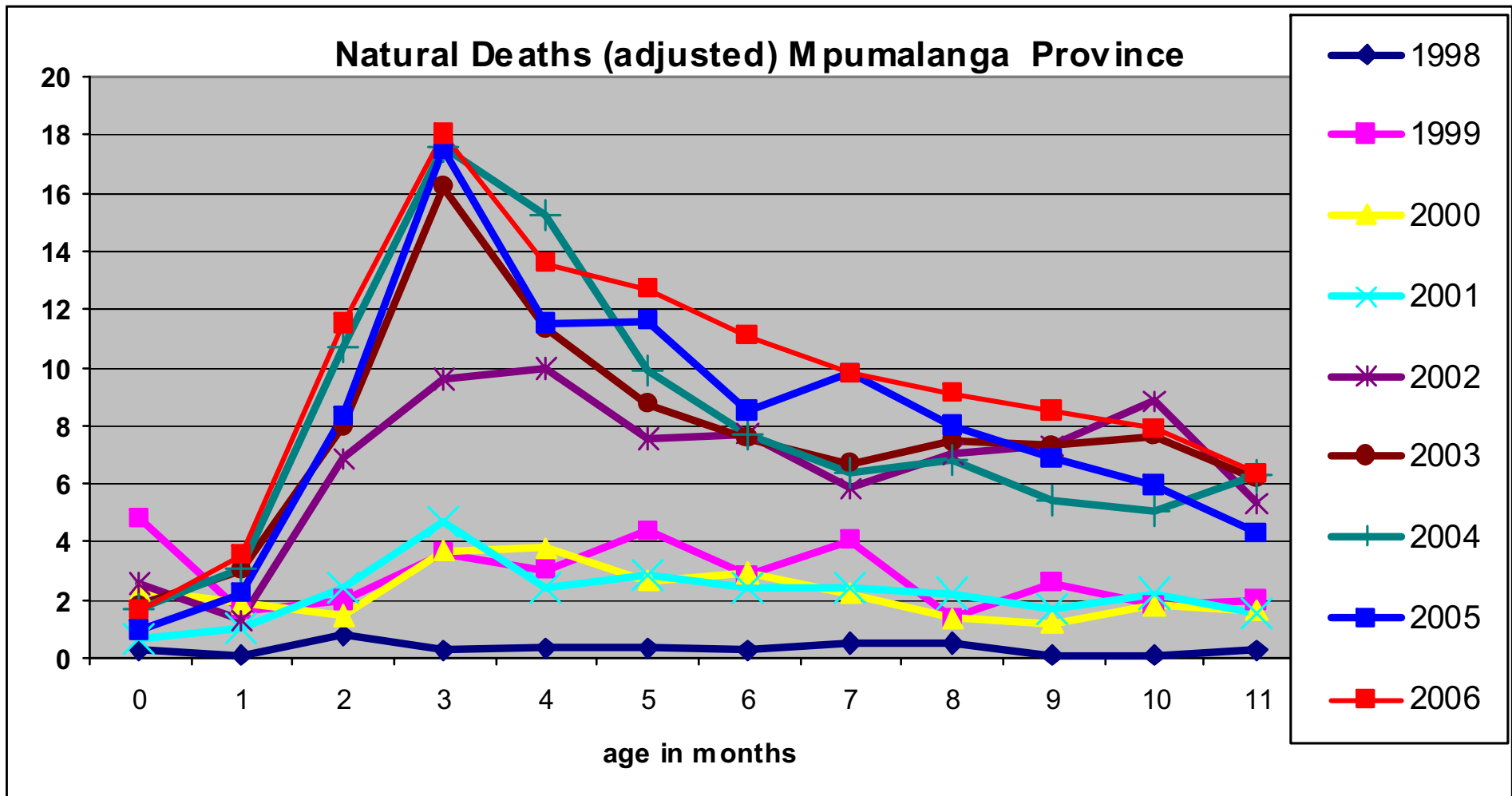
HIV Prevalence by sex and age



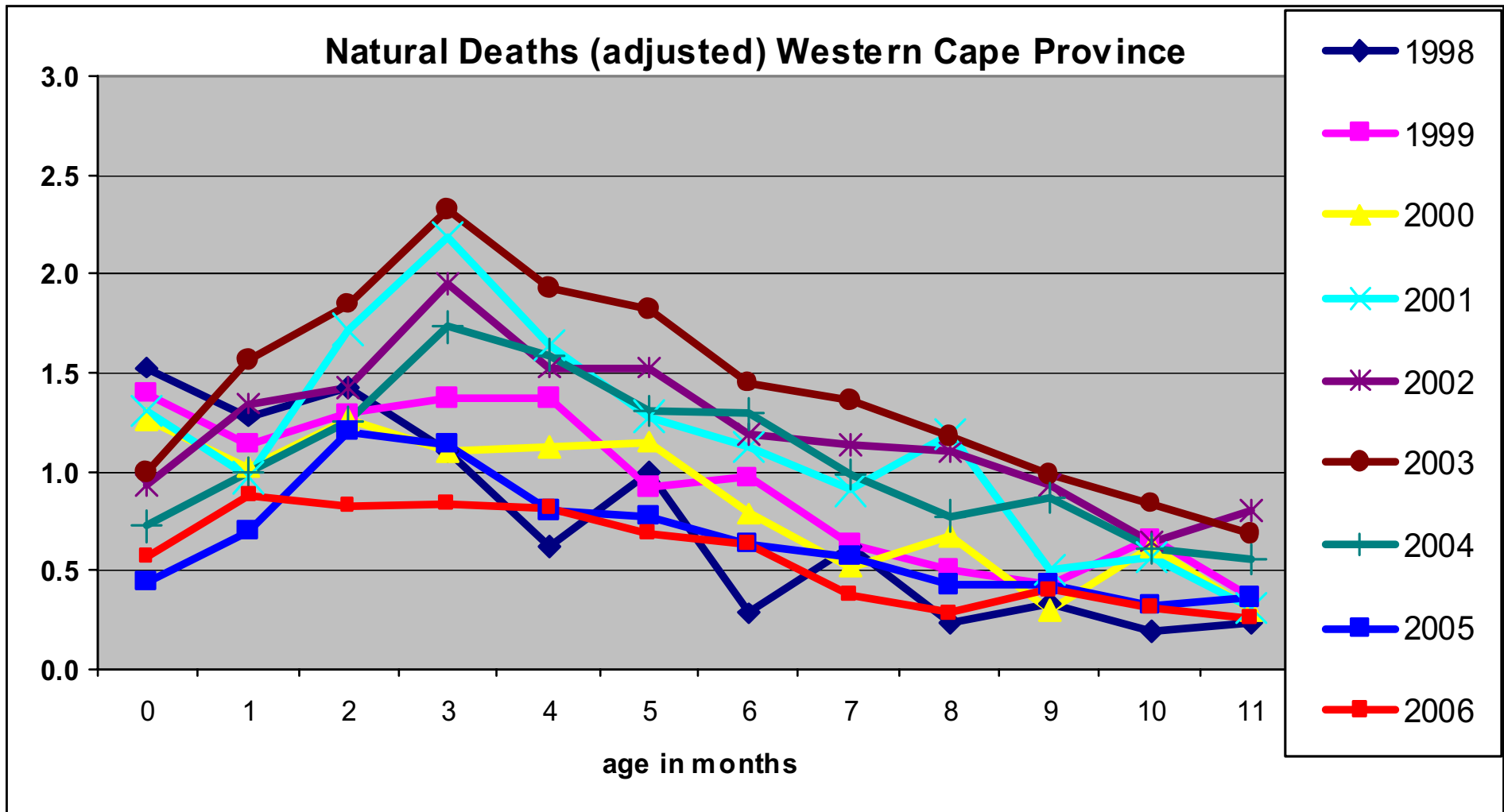
Child Mortality

- **57%** of deaths of children under the age of 5 during 2007 were as a result of HIV.
- Babies who are HIV-positive are **15 times (1500%)** more likely to die within the first six months of life than uninfected babies.

Infant Mortality



Infant Mortality



Independent Electoral Commission

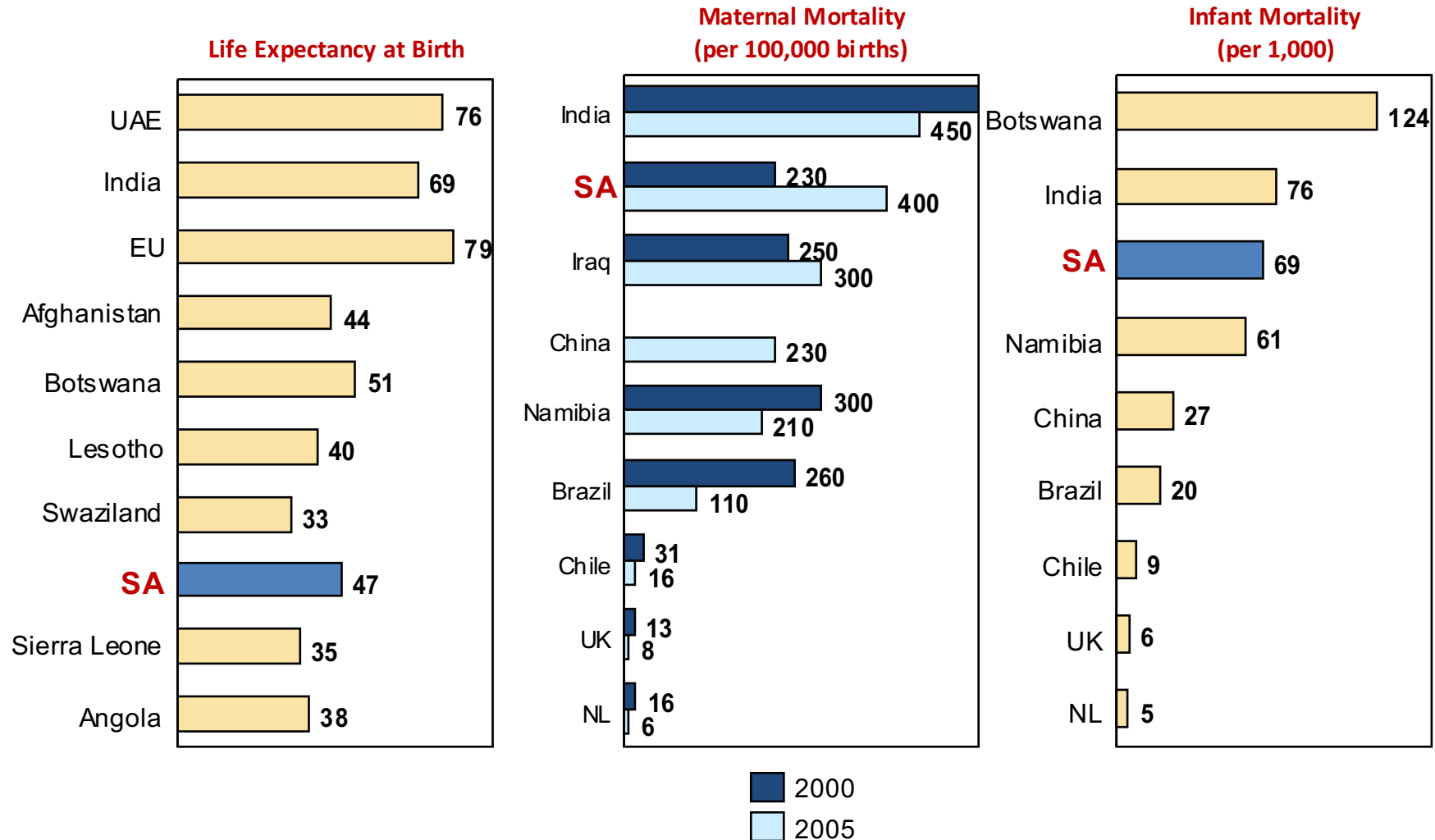
Voters Removed from the Voters' Roll (1 Sep 2008 to 31 Aug 2009)

Province	IDs
Eastern Cape	60 047
Free State	32 037
Gauteng	78 153
KwaZulu-Natal	88 954
Limpopo	33 289
Mpumalanga	32 621
North West	30 347
Northern Cape	10 320
Western Cape	30 568
Total	396 336

Home Affairs Registry

Year	Birth registrations	Death registrations
2004	1,481,792	514,908
2005	1,374,026	536,622
2006	1,341,047	557,992
2007	1,279,828	573,408
2008	1,205,111	756,062

Health Outcomes Relative to Other Nations



Source: Unicef; WHO Maternal Mortality Report, 2007, StatsSA

The Dawn of a New Era

**RESPONSIBILITY : ACCOUNTABILITY
ACTION**

ACTION

Prevention !!! Prevention!!! Prevention!!!

1. Massive change in behaviour and attitude targeting especially the youth. Massive unprecedented VCT (the biggest in the world)
2. Opt-out policy in ante-natal clinic (ANC) sites
3. December 1st – World AIDS Day to be different from the past.

National Strategic Plan for HIV and AIDS and STIs 2007 – 2011

The National Strategic Plan for HIV and AIDS and STIs, 2007-2011 (the NSP) has two primary objectives:

1. Reduce the rate of infections by 50% by 2011
2. Cover 80% of the people who need to be on ARV's by 2011

On 15th October Cabinet committed to accelerating the National AIDS response and to meeting the targets of the NSP by 2011.

State of Readiness

**Mid-Term Review of the NSP
(started)**

**UN supported review of the health system
(started – UNAIDS, WHO, USAID, & UNFPA)**

**HCT Task Team State of Readiness
(started – All SANAC sector reps. To
report on 1st December)**



NDoH Ten Point Plan

1. Provision of Strategic Leadership and creation of a Social Compact for better health outcomes.
2. Implementation of National Health Insurance.
3. Improving the Quality of Health Services
4. Overhauling the health care system and improve its management.
5. Improved Human Resources Planning, Development and Management .

NDoH Ten Point Plan

6. Revitalization of infrastructure.
7. Accelerate implementation of the HIV & AIDS and Sexually Transmitted Infections National Strategic Plan 2007 – 2011 and increase focus on TB and other communicable diseases.
8. Mass mobilisation for better health for the population.
9. Review of Drug Policy.
10. Strengthen Research and Development.

ACTION

SANAC & NDoH have agreed on:

1. Integration of TB and HIV and AIDS sites
2. Task Sharing to improve the capacity to test, treat, care and support.
3. Scaling-up financial resources.
4. We are busy revising the ART Treatment Guidelines in terms of certain categories of patients.
5. Integration of comprehensive antenatal care (including PMTCT, reproductive health, etc).
6. Conducting an urgent review of drug policy (already started – discussion with key stakeholders including DTI, DST, labour, pharmaceutical industry, etc...)

HCT Task Team

'State of Readiness' Report

Due Date:

- Review to be completed by HCT Task Team by meeting on 1st December 2009

Objectives:

- To assess the state of readiness of South Africa's health system to conduct a national HIV counselling and testing (HCT) campaign and to provide post-test support thereafter.
- To identify HCT and treatment gaps in the current health system.
- To identify creative strategies to fill HCT and treatment gaps inside and outside the health system to scale-up in time for HCT campaign.

Data collection:

- A database of HCT facility infrastructure (government & NGOs), including contact persons, contact details and information of the treatment initiation referral network of each facility.
- Facility level data on the profile of beneficiaries attending that facility
- Logistics, coordination and supply-chain information

Status:

- 1st Task team meeting held 3rd November.
- Objective set and way forward agreed upon.
- Provincial data collection ongoing.
- Audit of NGOs (provision of services).
- 9,000 counsellors already identified. Additional 600 from non government sector. Collection ongoing.

Additional HCT Campaign Preparations

- Costing of the HCT campaign (in progress).
- Minister meeting key stakeholders and sectors between now and World AIDS Day (showing them and discussing this information).
- Meeting with all HCT partners to gauge capacity and get buy-in.

World AIDS Day 2009

THEME

I am Responsible...

We are Responsible...

South Africa is taking responsibility...

Thank You