



MSF KwaZulu-Natal, South Africa: Bending the Curves of HIV & TB 2011-2018

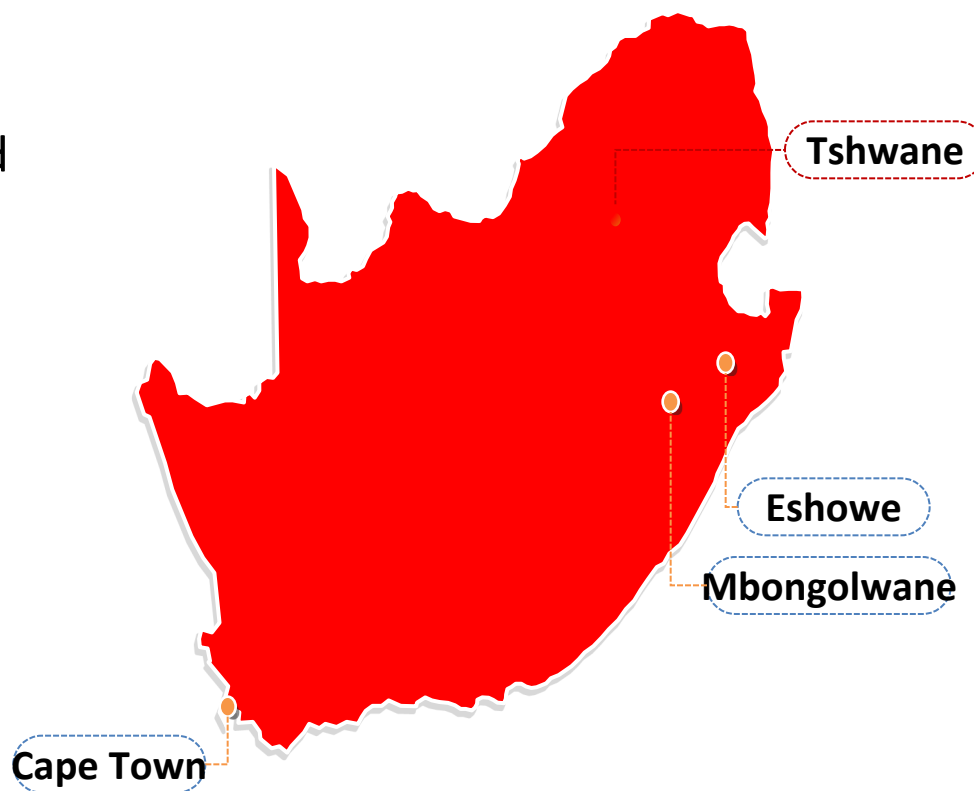
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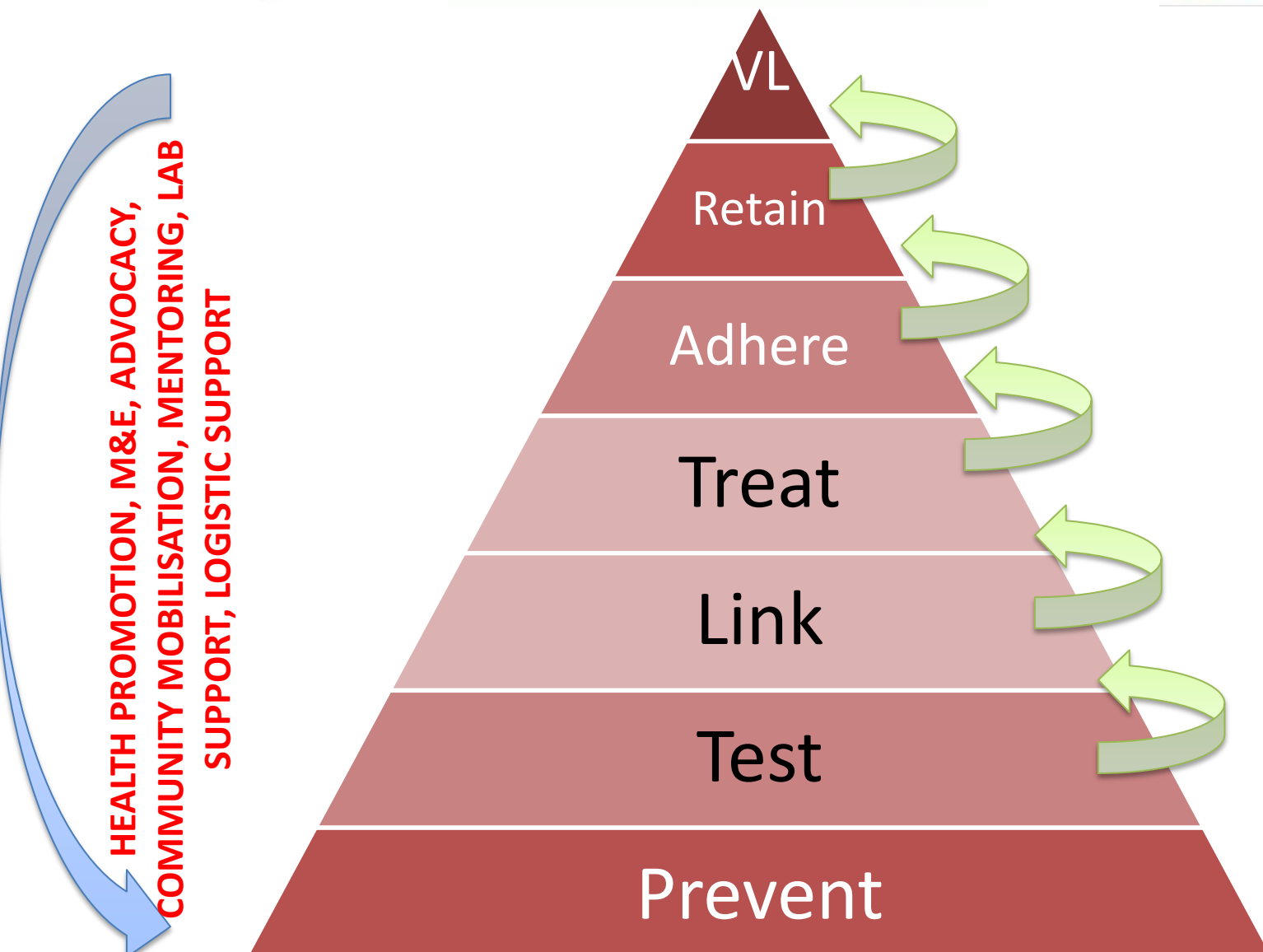


Bending the curves



- KZN Project: “Bending the curves” since 2011;
- Aim to reduce HIV/TB incidence and morbidity/mortality;
- Impact Surveys in 2013 and 2018







Prevention efforts

- Condom Distribution at Facilities and communities (Coloured Flavoured Condoms)
- MMC support
- Schools: SRH Education
- CHAPs/Health Promotion



1st 90: Ensuring that 90% of people with HIV know their status



2nd 90: Ensuring that 90% of people with HIV are on treatment

- Initiation counseling;
- Introduction of nurses trained in integrated management of ARTs

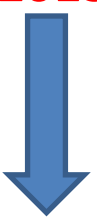


3rd 90: Ensuring that 90% of people with HIV on treatment have viral suppression

- Mentoring of National Adherence Guidelines
- Community-based differentiated models of care



Results of 2nd Population based survey

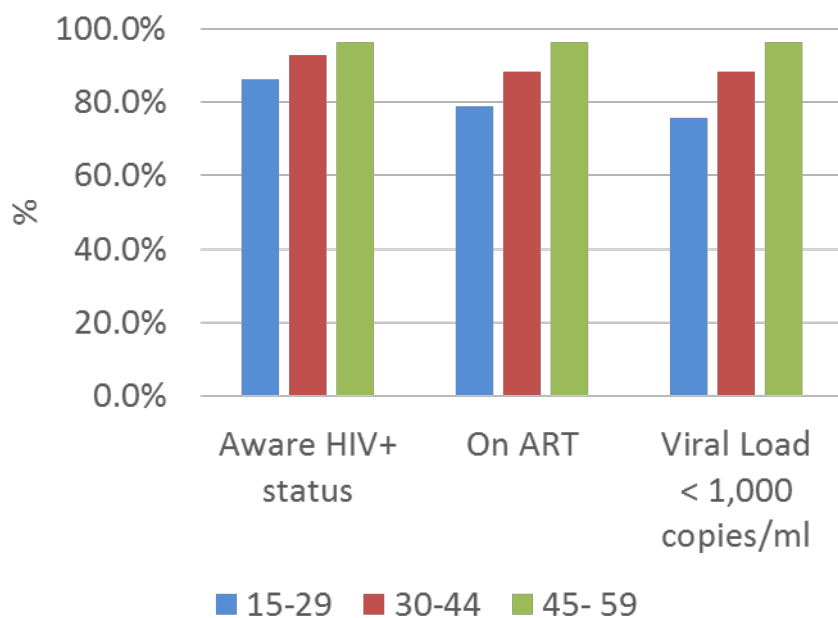
	1 st 90	2 nd 90	3rd 90*
2013	76%	70%	93%
			
2018	90%	95%	94%

Comparison with national
statistics (SABSSM V)

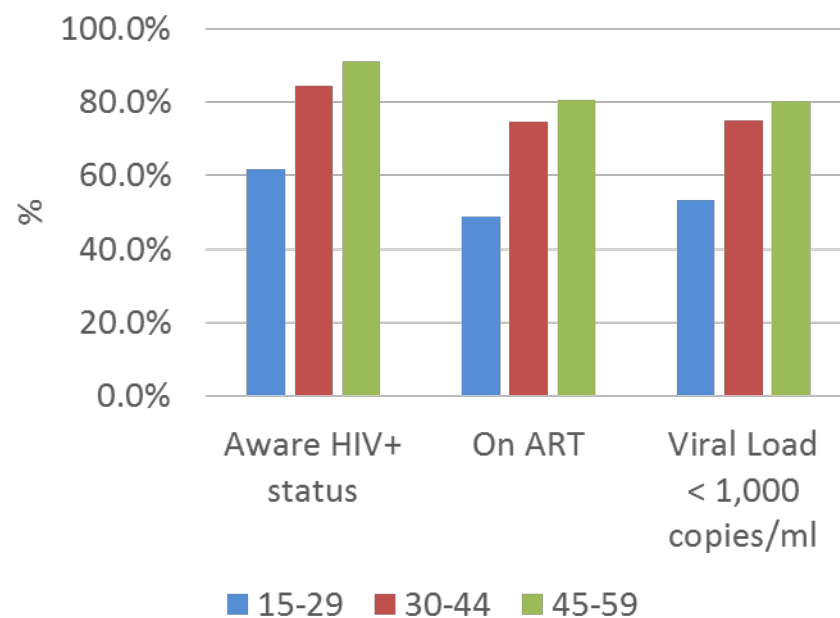
	1st 90	2nd 90	3rd 90*
2018	85%	71%	88%



Women

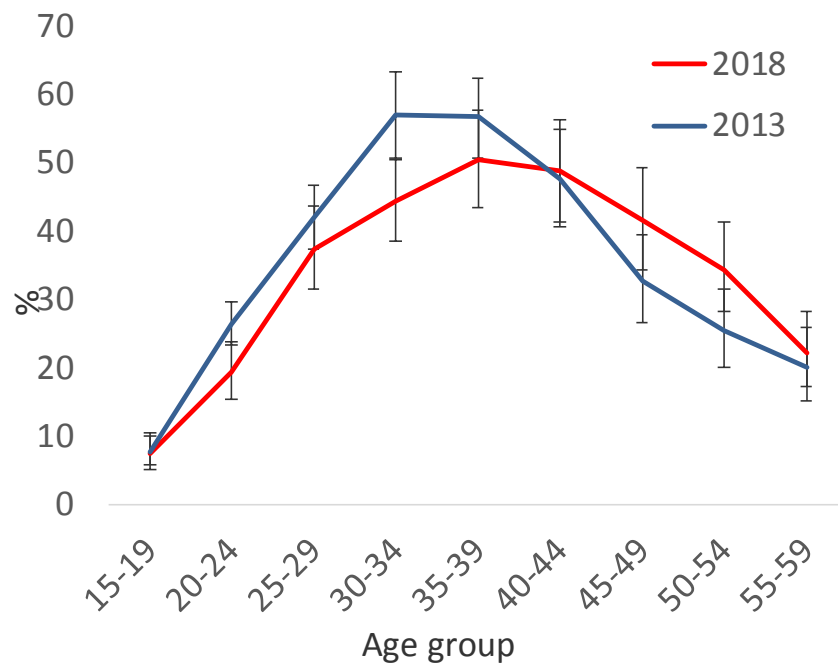


Men

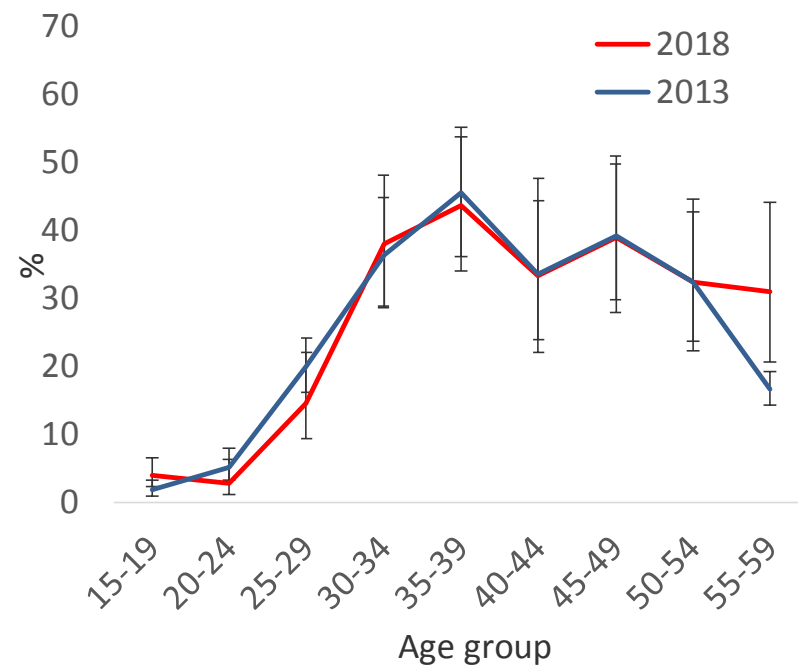


Prevalence data

Women



Men



Incidence data

		OVERALL			15-29 YEARS	
		FFR	Percentage annual incidence	95% CI	Percentage annual incidence	95% CI
OVERALL						
	2013	1	1.2	0.2-2.1	2.0	0.9- 3.0
	2018	1	0.2	0.0- 1.0	1.0	0.0- 2.1
WOMEN						
	2013	1	1.6	0.2- 3.0	2.9	1.2- 4.7
	2018	1	0.1	0.0- 1.3	1.2	0.0- 2.9
MEN						
	2013	1	0.6	0.0- 1.5	0.9	0.0- 1.9
	2018	1	0.3	0.0- 1.4	0.8	0.0- 2.1



Conclusions

- It is **feasible** to achieve the **90-90-90 targets**
- MSF activities and national level policy changes contributed to **dramatic increase in viral suppression** and **ART coverage** at the population level
- **Community-based interventions** were successful across the treatment cascade
- Data suggests a **reduction of incidence** at population level

Similar trends have been reported in two other surveys

Ongoing challenges:

- **Males** remain 'hard to reach' especially for first two '90s';
- **Adolescent girls and young womens** remain at risk.



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