

Last mile towards EMTCT in South Africa...the 'unfinished business'



8th South African AIDS Conference, Durban



Ms MM Ntloana
Deputy Director: PMTCT



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Background



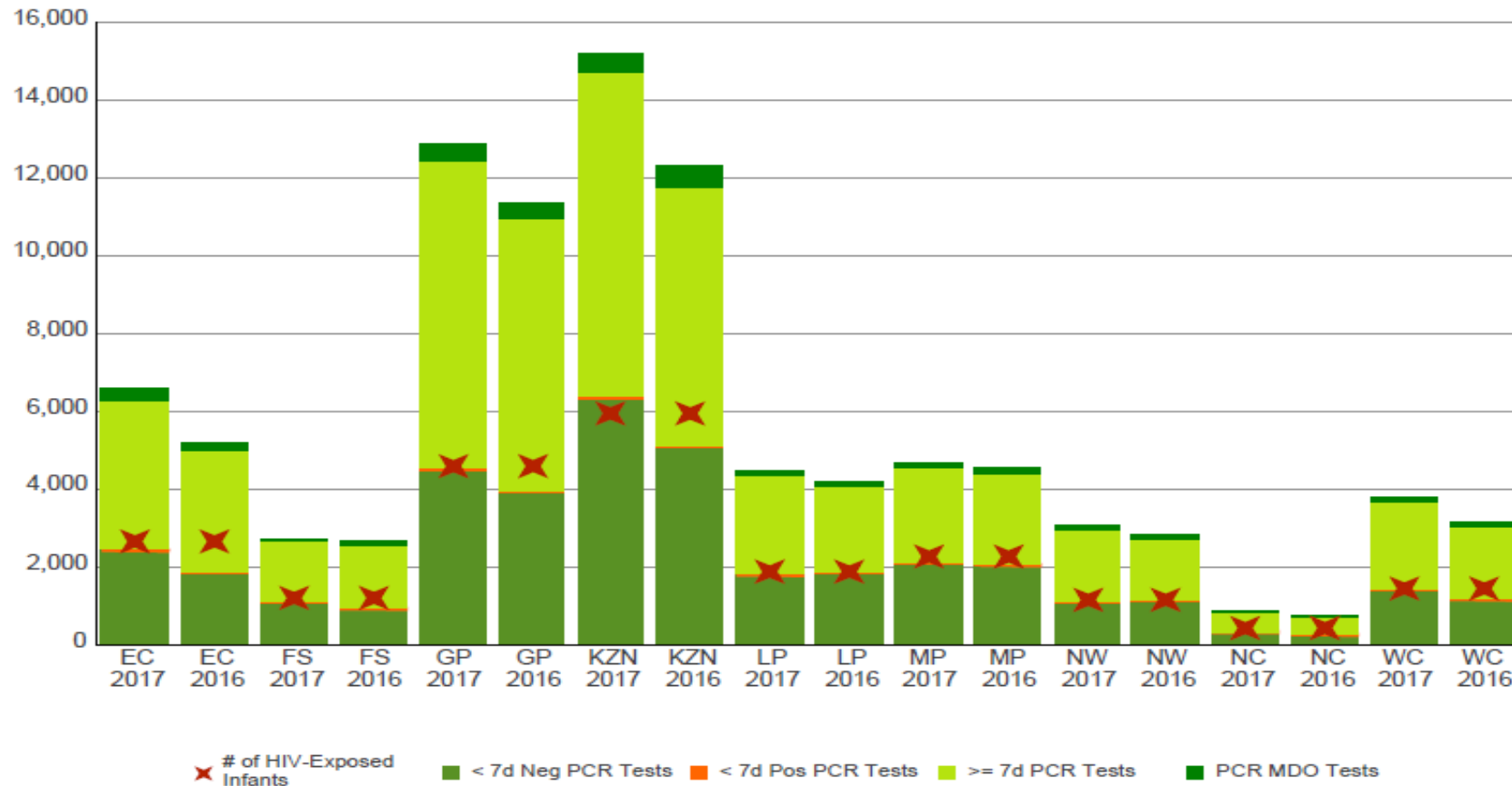
- ❌ Single dose NVP
- ❌ AZT + NVP (Dual prophylaxis)
- ❌ HAART for clients with CD4 count < 350
- ❌ **Lifelong HAART to all HIV positive pregnant and breastfeeding women (Option B+)**
- ❌ The National department of health has developed the Last Mile Plan towards Elimination of Mother to Child Transmission of HIV.
- ❌ The last Mile plan to EMTCT – 5yr plan outlining national targets

Where are we.....Early Infant Diagnosis



1. National data: Provincial view

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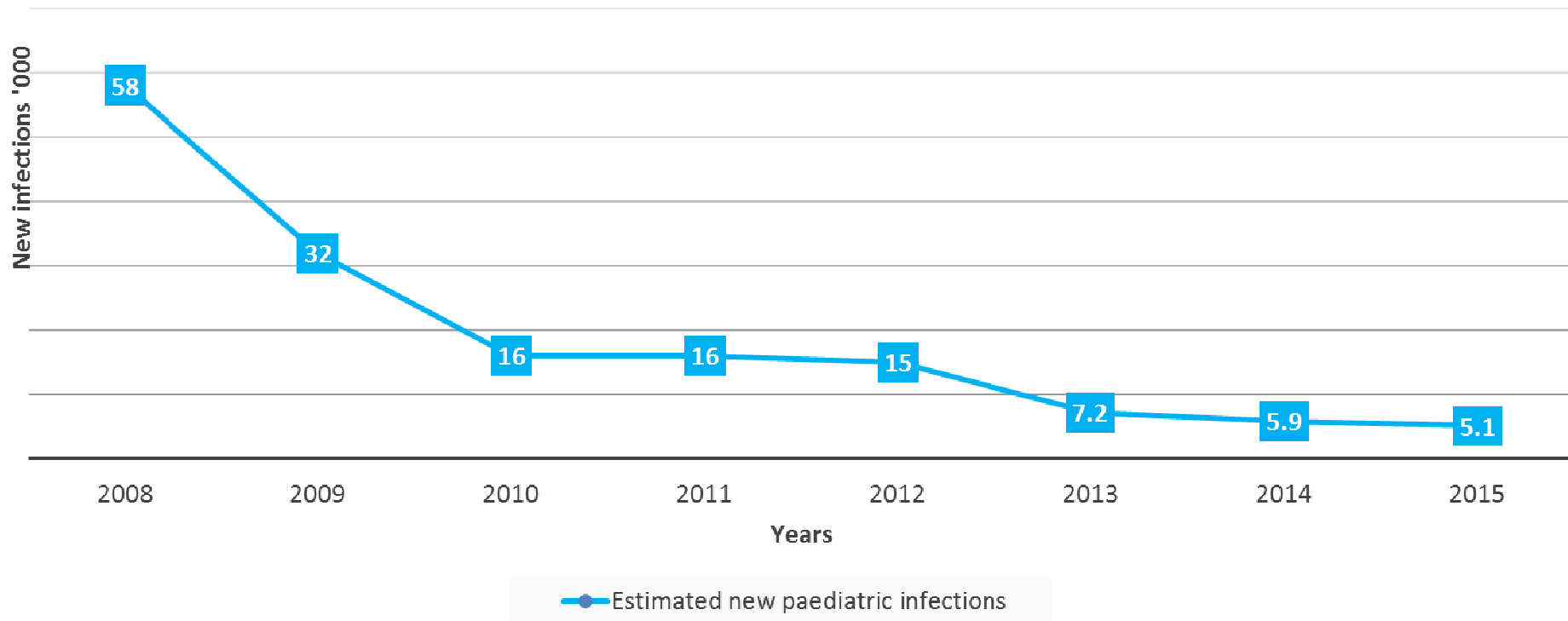
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Feels really good....



New HIV infections in children 0-14years (UNAIDS Spectrum, 2015)



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How did we get there?



Current status is evidence of the success of PMTCT Interventions in past years:

- 🦏 National EMTCT Action Framework based on 5 strategic pillars of quality integrated PMTCT services
- 🦏 District EMTCT Action framework - Stock take workshops to monitor
- 🦏 Data driven actions at all levels
- 🦏 Partnerships (Research – Policy – Programming – Civil Society)
- 🦏 Introduction of Option B+ and Birth PCR

Getting to the finish line...what will it take



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Last mile plan targets



Indicator	Baseline (2015)	Target (2021)
MTCT rate around birth (0 - <7days)	1.1%	0.6%
MTCT rate around 10 weeks	1.6%	0.8%
Final MTCT rate (at 18 months)	2.0%	1.0%
Annual no of new paediatric HIV infections	5,100	2,500

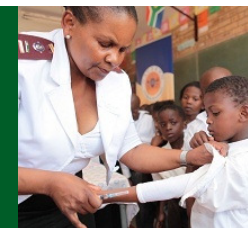


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The unfinished business



MISSED (IDLE) + GAME CHANGERS

- 🚫 Interventions: integration of services, innovations for prevention – **safer conception services, FP /postnatal contraception**, condom use promotion
- 🚫 Diagnostics: strengthen HIV testing (UTT), VL monitoring, EID, **Laboratory Results4Action**
- 🚫 Linkages: **postnatal follow up**, linkages & referral systems, retention in care
- 🚫 Engagements: engage with stakeholders, **community groups** and PLHIV
- 🚫 M&E – moving towards case based **cohort monitoring** and **unique identifiers**

The last mile plan – field planning & monitoring



- ❏ Alignment with the 90 90 90 DIP processes
- ❏ Monitoring of district & facility based micro-plans for impact
- ❏ Focus on high burdened districts & facilities for impact (reviewed annually)
- ❏ Linkage of interventions with the campaign focusing on adolescent girls and young women ('She Conquers')

The last mile plan – focus districts



Top 12 High Priority	Next 15 Red Flagged	20 To be Watched
Bojanala	Buffalo City	C Hani
Cape Town	Capricorn	Cape Winelands
Ehlanzeni	Eden	Central Karoo
Ekhurhleni	Fezile Dabi	Dr K Kaunda
eThekwini	Lejweleputswa	Frances Baard
Gert Sibande	Mopani	iLembe
Johannesburg	Nkangala	JT Gaetsewe
O Tambo	NNM	Mangaung
Sekhukhune	Umkhanyakude	N Mandela Bay
T Mofutsanyane	uThungulu	Namakwa
Tshwane	A Nzo	Amajuba
uMgungundlovu	Vhembe	Pixley ka Seme
	Waterberg	Ruth S Mompati
	West Rand	Sarah Baartman
	Zululand	Sedibeng
		Ugu

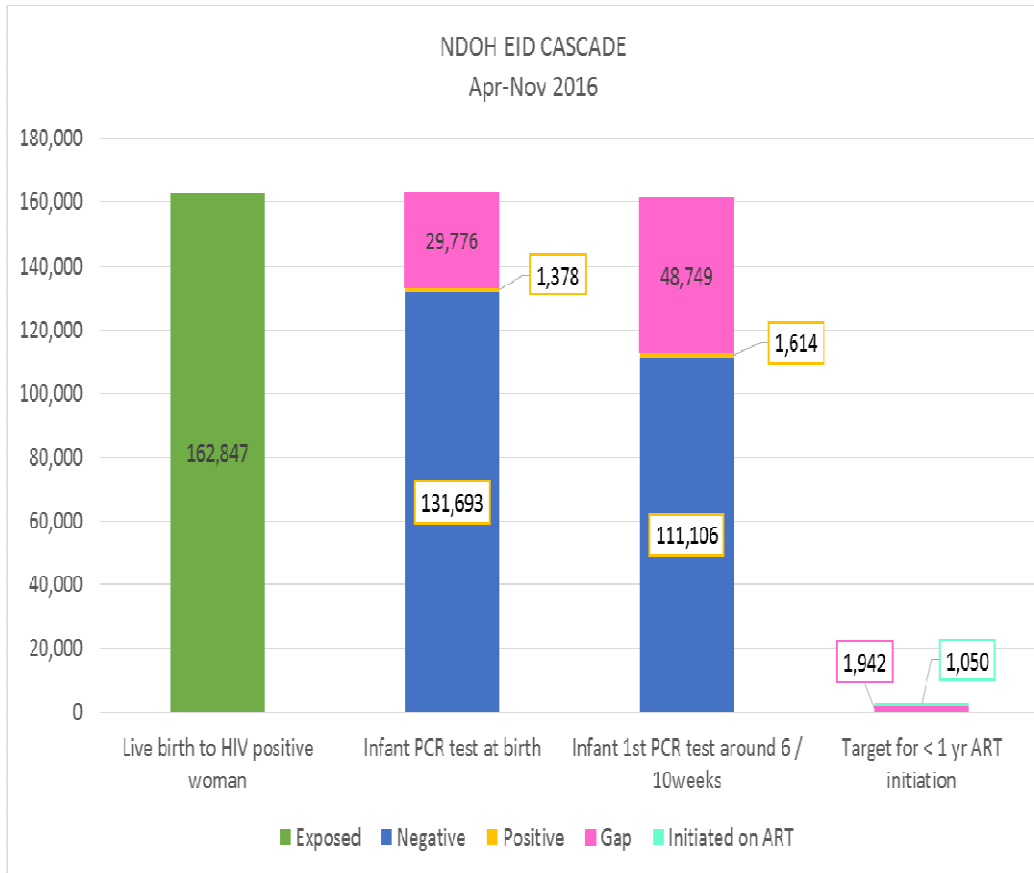


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Tracking field implementation...cascades



CASCADE analysis – facility / district/national

INNOVATIONS

- Real time tracking of PCR positive infants
- Positive PCR tracking tool
- Facility run charts / dashboards



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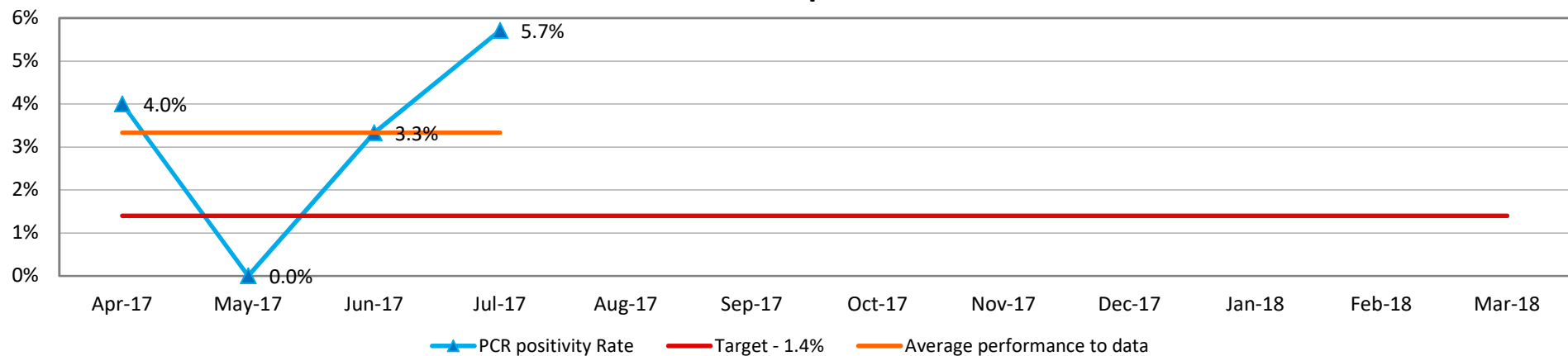


Tracking field implementation – facility level dashboards & run charts



		Infant 1st PCR test positive at 10 weeks rate												(Source: PHC Tick register)	
		Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18		
Infant 1st PCR test positive		1	0	1	2										
Infant 1st PCR test done		25	30	30	35										
Monthly performance		4.0%	0.0%	3.3%	5.7%	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Average performance to date		3.3%	3.3%	3.3%	3.3%	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
	Target	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%
ROBOT shows average performance to date against target						N	N	N	N	N	N	N	N	N	N

Infant 1st PCR test positive at 10 weeks rate



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Conclusions



In order to sustain the gains and move steps further, the programme interventions such as, **cohort case based monitoring, real time data monitoring, systematic postnatal care, VL monitoring** and other evidence based innovations need to be introduced or strengthened.

Acknowledgements



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