

Population and Risk-based Targeting Approaches for HCT DIP approaches

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MCWH

PMTCT

HIV

TB

90 × 90 × 90

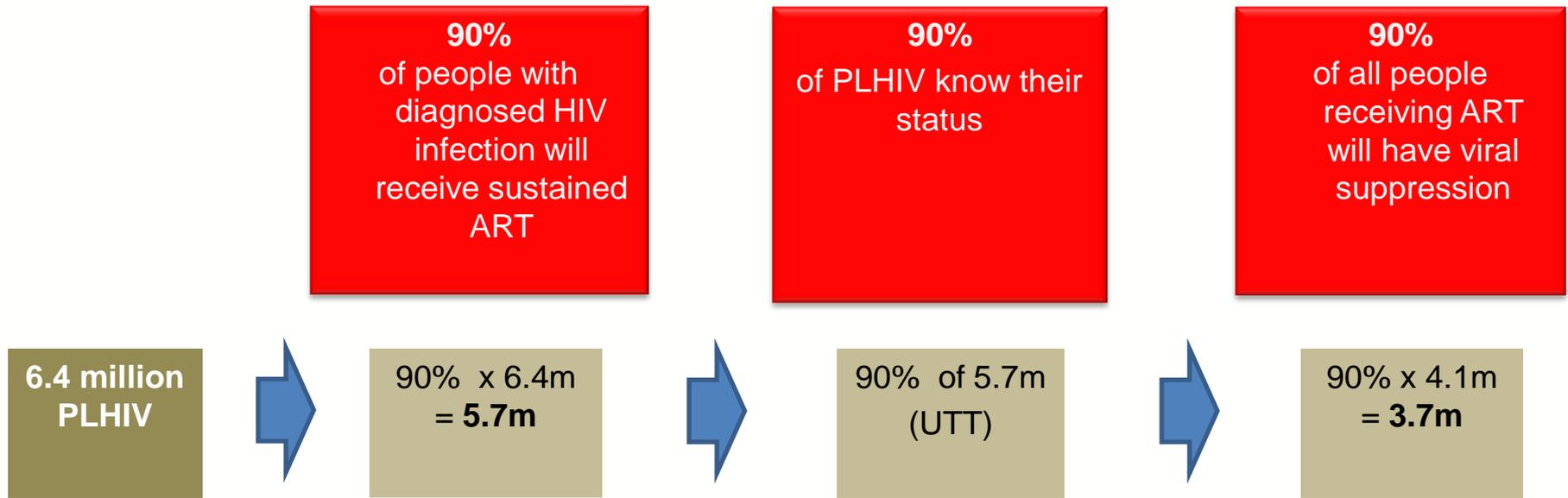
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What does 90 90 90 for HIV mean for SA?



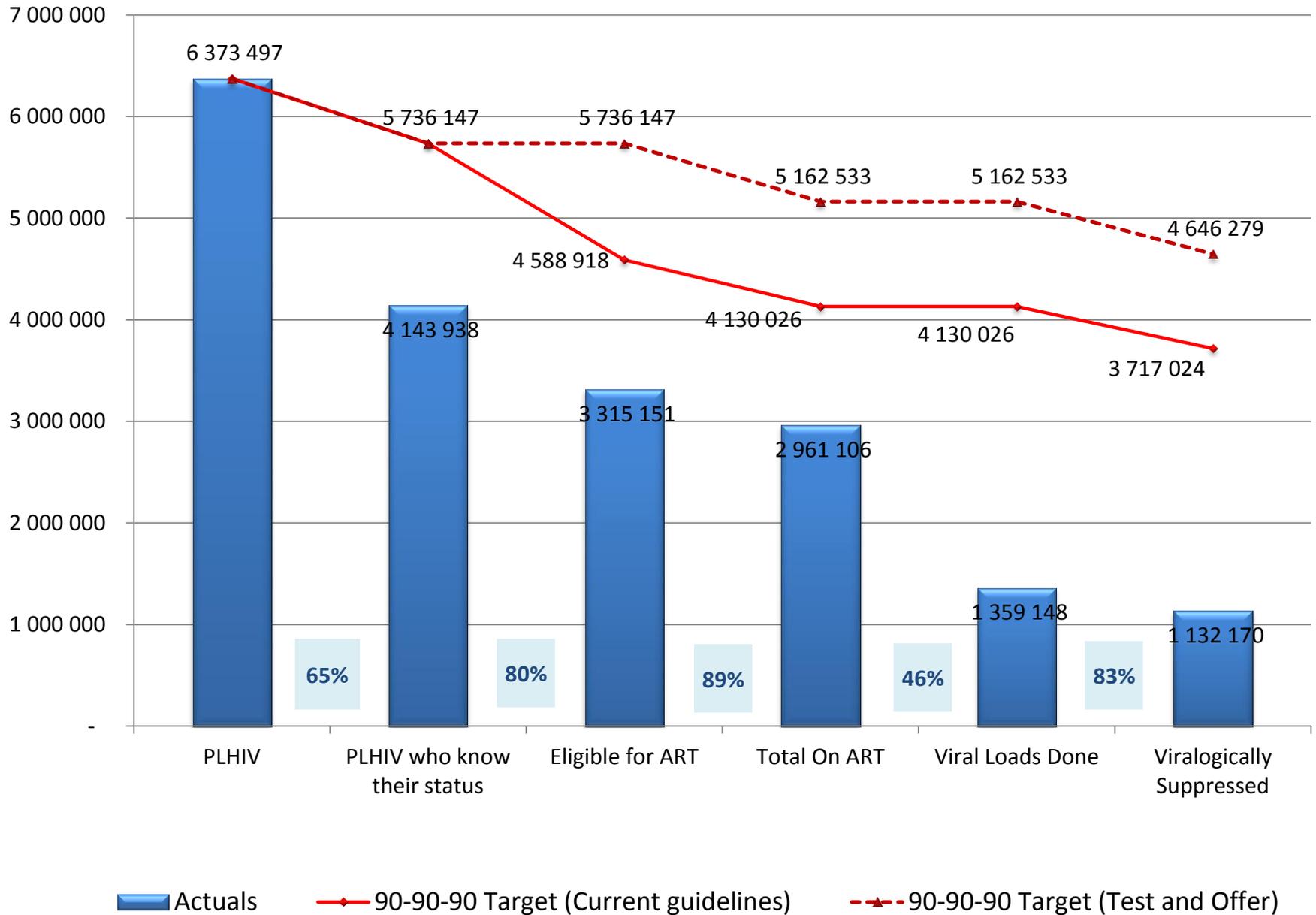
CD<500 eligible for ART:
80% x 5.7m = 4.6m x 90% = 4.1m



Cascades and Tracer Indicators

- In order to track performance towards achieving the goal of 90-90-90, 6 cascades and 33 Tracer Indicators have been developed.
- The Tracer Indicators are a set of indicators that will be prioritised for the 2016/17 financial year
- Cascades represent continuums of care for HIV Treatment, PMTCT, Paediatrics and Adolescents, and TB.
- The specific cascades have been agreed upon as follows:
 - Adult HIV Care and Treatment
 - PMTCT
 - HIV Treatment for Paediatrics under 5 years
 - HIV Treatment for Children from 5 to 15 years
 - Drug-Sensitive TB
 - Drug-Resistant TB Treatment

Adult (15 years and older) HIV Care and Treatment Cascade (August 2015 - National)



Tracer Indicator List by Program - HIV

Program Area	New Ref	Indicator Name
HIV	HIV-1	HIV test client 15 years and older (incl ANC)
	HIV-2	HIV test positive client 15 years and older (incl ANC)
	HIV-3	Male condom distribution coverage
	HIV-4	Medical male circumcision performed
	HIV-5	Adult started on ART during this month - naïve
	HIV-6	Adult remaining on ART – total
	HIV-7	Adult lost to follow up (LTF) rate at 12 months
	HIV-8	Adult with Viral load completion (VLD) rate at 12 months
	HIV-9	Adult with Viral load suppressed (VLS) rate at 12 months
	HIV-10	Number enrolled in Pre-ART

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Tracer Indicator List by Program – Paediatrics and Adolescents

Program Area	New Ref	Indicator Name
Paediatrics and Adolescents	Paeds-1	HIV test positive child 19-59 months
	Paeds-2	HIV test positive child 5-14 years
	Paeds-3	Child under 1 year naïve started ART
	Paeds-4	Child 12-59 months naïve started ART
	Paeds-5	Child 5-14 years naïve started ART
	Paeds-6	Child under 15 years remaining on ART - total

90 × 90 × 90

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Tracer Indicator List by Program – Paediatrics and Adolescents

Program Area	New Ref	Indicator Name
Paediatrics and Adolescents	Paeds-1	HIV test positive child 19-59 months
	Paeds-2	HIV test positive child 5-14 years
	Paeds-3	Child under 1 year naïve started ART
	Paeds-4	Child 12-59 months naïve started ART
	Paeds-5	Child 5-14 years naïve started ART
	Paeds-6	Child under 15 years remaining on ART - total

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Tracer Indicator List by Program - PMTCT

Program Area	New Ref	Indicator Name
PMTCT	PMTCT-1	Antenatal 1st visit before 20 weeks rate
	PMTCT-2	Antenatal client HIV re-test rate
	PMTCT-3	Antenatal client start on ART rate
	PMTCT-4	Mother postnatal visit within 6 days rate
	PMTCT-5	Infant 1st PCR test positive around 10 weeks rate
	PMTCT-6	Child rapid HIV test around 18 months uptake rate
	PMTCT-7	Child rapid HIV test around 18 months positive rate
	PMTCT-8	Couple year protection rate

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	PMTCT-4	Mother postnatal visit within 6 days rate
	PMTCT-5	Infant 1st PCR test positive around 10 weeks rate
	PMTCT-6	Child rapid HIV test around 18 months uptake rate
	PMTCT-7	Child rapid HIV test around 18 months positive rate
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Process of setting targets for Tracer Indicators

- For each indicator, analysis was done to understand targets according to 90-90-90, APPs, SDGs and Current performance
- Extensive consultation was done across and at all levels in order to ensure ownership and buy-in to the targets
- Targets were set using simple calculations as opposed to complex modeling to ensure that the targets could be understood and effectively communicated
- Actual approach i.e. calculation differed per indicator, some used top-down, others were universal, others, bottom-up. Drug-Resistant TB Treatment

Assumptions used for calculation of Targets

- Adult and Paediatric ART Targets have been based on Universal Test and Treat
- Changes in incidence as a result of effective implementation of prevention strategies has not been considered explicitly
- Cumulative incidence has not been considered
- Provinces have the opportunity to distribute Provincial targets as they see fit across districts

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Assumptions used for calculation of Targets

- For planning purposes, most conservative approach has been used (worst case)
- 90-90-90 targets have been based on the requirement to achieve these targets by 31 March 2020
- Population estimates were based on Mid-year population estimates for 2015 as per DHIS
- PLHIV for Adults is based on 2012 HSRC survey. (Difference to Spectrum 2014 is negligible)
- PLHIV for Paediatrics and Adolescents is based on Spectrum 2014 estimates

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Total remaining on ART – National

Timeframe	2014/15 (Actual)	2015/16 (Projected)	2016/17 (Proposed Target)	2017/18 (Proposed Target)	2018/19 (Proposed Target)	2019/20 (Proposed Target)
DIP (Adults)	2,940,541	3,463,356	4,100,000	4,600,000	5,000,000	5,200,000
DIP (Children)	163,361	184,241	215,000	240,000	265,000	290,000
DIP (Total)	3,103,902	3,647,597	4,315,000	4,840,000	5,265,000	5,490,000
Investment Case		3,171,283	3,537,146	3,975,517	4,450,097	Not provided
APP (2015/2016 - 2017/2018)		4,000,000	4,800,000	6,000,000	Not provided	Not provided

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Total started on ART – National

Timeframe	2014/15 (Actual)	2015/16 (Projected)	2016/17 (Proposed Target)	2017/18 (Proposed Target)	2018/19 (Proposed Target)	2019/20 (Proposed Target)
DIP (Adults)	655,219	726,132	740,000	560,000	450,000	300,000
DIP (Children)	23,116	29,000	32,000	34,000	32,000	30,000
DIP (Total)	678,335	755,132	772,000	594,000	482,000	330,000
Investment Case		447,258	534,709	579,159	566,738	Not provided
APP (2015/2016 - 2017/2018)		Not provided	Not provided	Not provided	Not provided	Not provided

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HIV test positive client 15 years and older (incl ANC) - National

Timeframe	2014/15 (Actual)	2015/16 (Projected)	2016/17 (Proposed Target)	2017/18 (Proposed Target)	2018/19 (Proposed Target)	2019/20 (Proposed Target)
DIP	1,034,098	1,024,464	925,000	850,000	700,000	500,000
APP 2015/2016 - 2017/2018	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided

Issues to Note:

- Target is based on achieving 90-90-90 by 2020* (Test and Treat)
- New diagnosis of PLHIV and initiation of those will become more difficult as we approach saturation
- There is also a considerable amount of retesting of positives included in this number.
- Eastern Cape, Free State and North West are currently performing below target
- Rationalisation of Registers project needs to be reviewed in light of this indicator

HIV test positive child <15 years - National

Timeframe	2014/15 (Actual)	2015/16 (Projected)	2016/17 (Proposed Target)	2017/18 (Proposed Target)	2018/19 (Proposed Target)	2019/20 (Proposed Target)
DIP	Not reported	Not reported	35,000	30,000	22,500	20,200
APP 2015/2016 - 2017/2018	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided

Issues to Note:

- Due to success in PMTCT program, the identification of Children living with HIV will become more difficult
- Indicator not included in NIDS 2013, therefore no baseline

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HIV-1: HIV test client 15 years and older (incl ANC) - National

Timeframe	2014/15 (Actual)	2015/16 (Projected)	2016/17 (Proposed Target)	2017/18 (Proposed Target)	2018/19 (Proposed Target)	2019/20 (Proposed Target)
DIP (proposed)	10,1 million	10 million	12,5 million	14 million	17 million	18 million
Investment Case		10,784,400	14,206,600	18,288,300	22,440,000	
APP 2015/2016 - 2017/2018	10,1 million	10 million* (See note)	14 million (15-49 years)	17 million (15-49 years)	Not provided	Not provided

Issues to Note:

- HCT Targets for 2016/17 have been set based on 14 million for 10 years and above. 12,5 million is based on age disaggregation.
- Provincial targets represent an average increase in performance of 27%
- Rationalisation of Registers project needs to be reviewed in light of this indicator
- HIV test child < 15 years is not a tracer indicator

Conclusion

You eat an elephant one bite at a time!!

By focusing on these indicators, setting SMART targets, we are able to:

- Pick the low hanging fruit
- Invest where we will yield the largest results
- Address systemic issues that will improve performance across programs
- Address issues in meaningful bite-size pieces

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Thank You.....

