

**National TBL Program update**  
**Taye Letta**  
**NTP coordinator**  
**MOH Annual review Meeting**

**Tikmet 4-6,2012**  
**Skylight Hotel**  
**Addis Abeba**

**ጤና ሚኒስቴር - ኢትዮጵያ**  
**MINISTRY OF HEALTH-ETHIOPIA**

**የዜጎች ጤና ለሃገር ብልጽግና!**  
**HEALTH FOR EVERYONE FOR PROGRESSIVE ETHIOPIA**



# Outline

- Brief background
- End TB target by 2020, where are we
- Status of 3 (90) in Ethiopian context :
- Status HSTP I indicators
- Engagement of other organization in TB case finding
- Challenge and way of wards

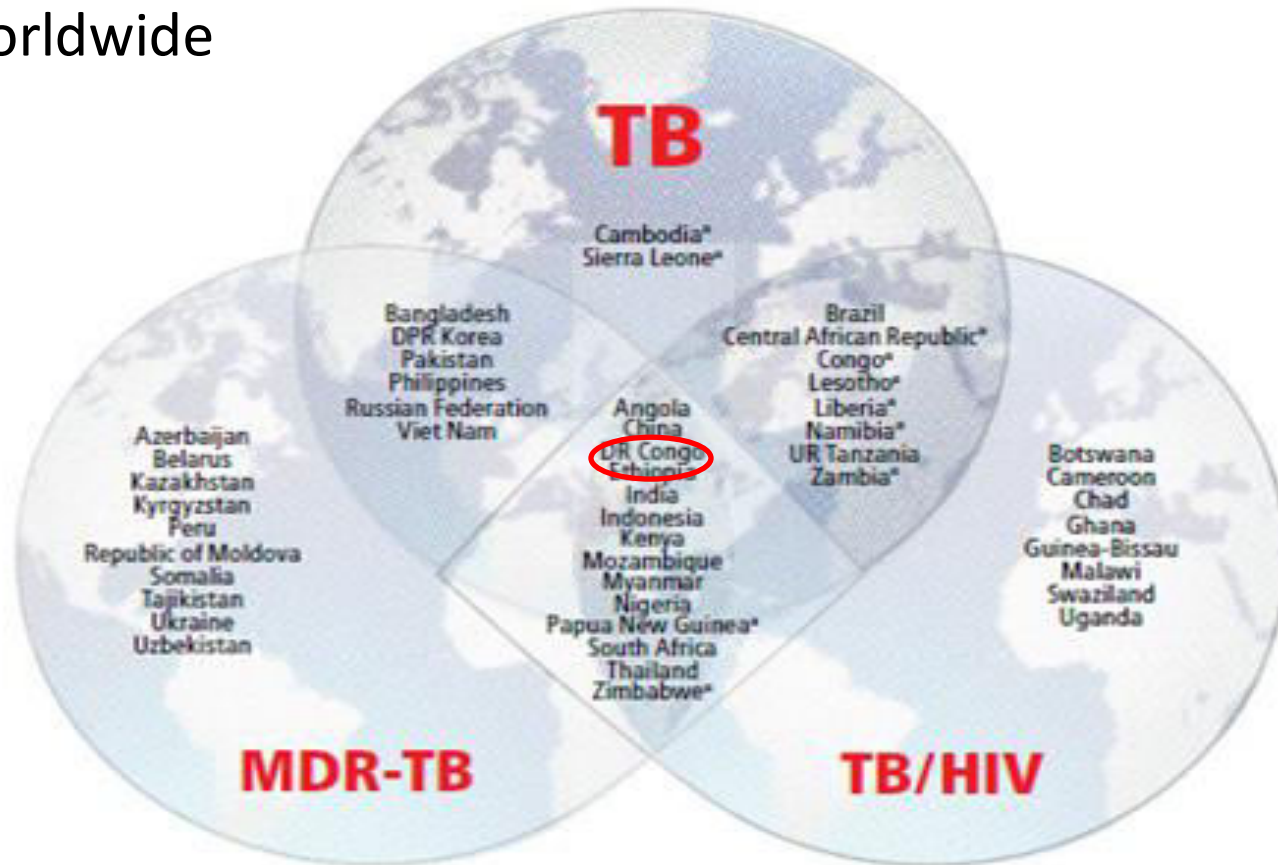


# Brief Background

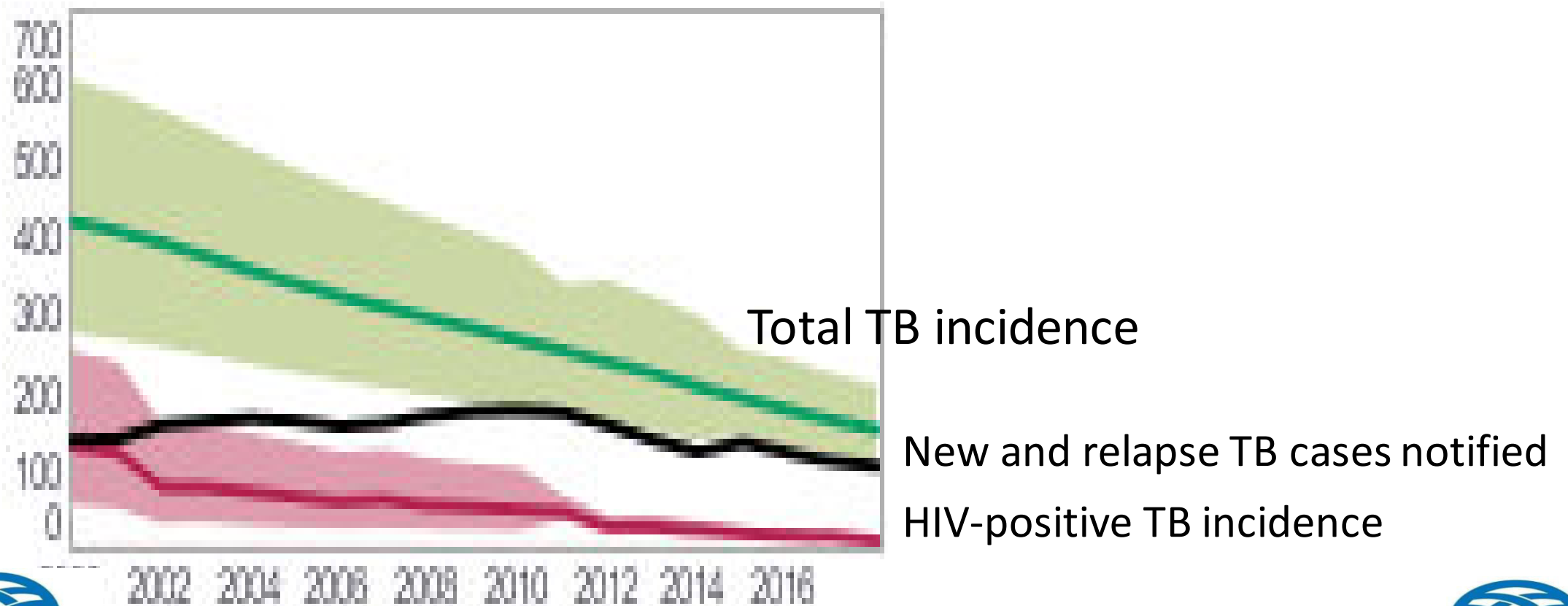
- TB is the “world’s biggest infectious killer”
  - kills over 4,300 people per day
- TB is *global epidemic*
  - 10 million people develop TB disease annually
  - 6.4 million new TB cases reported in 2018
  - **3.6 million patients are missed in 2018**
    - 397,316 of them DR TB cases

# Epidemiology

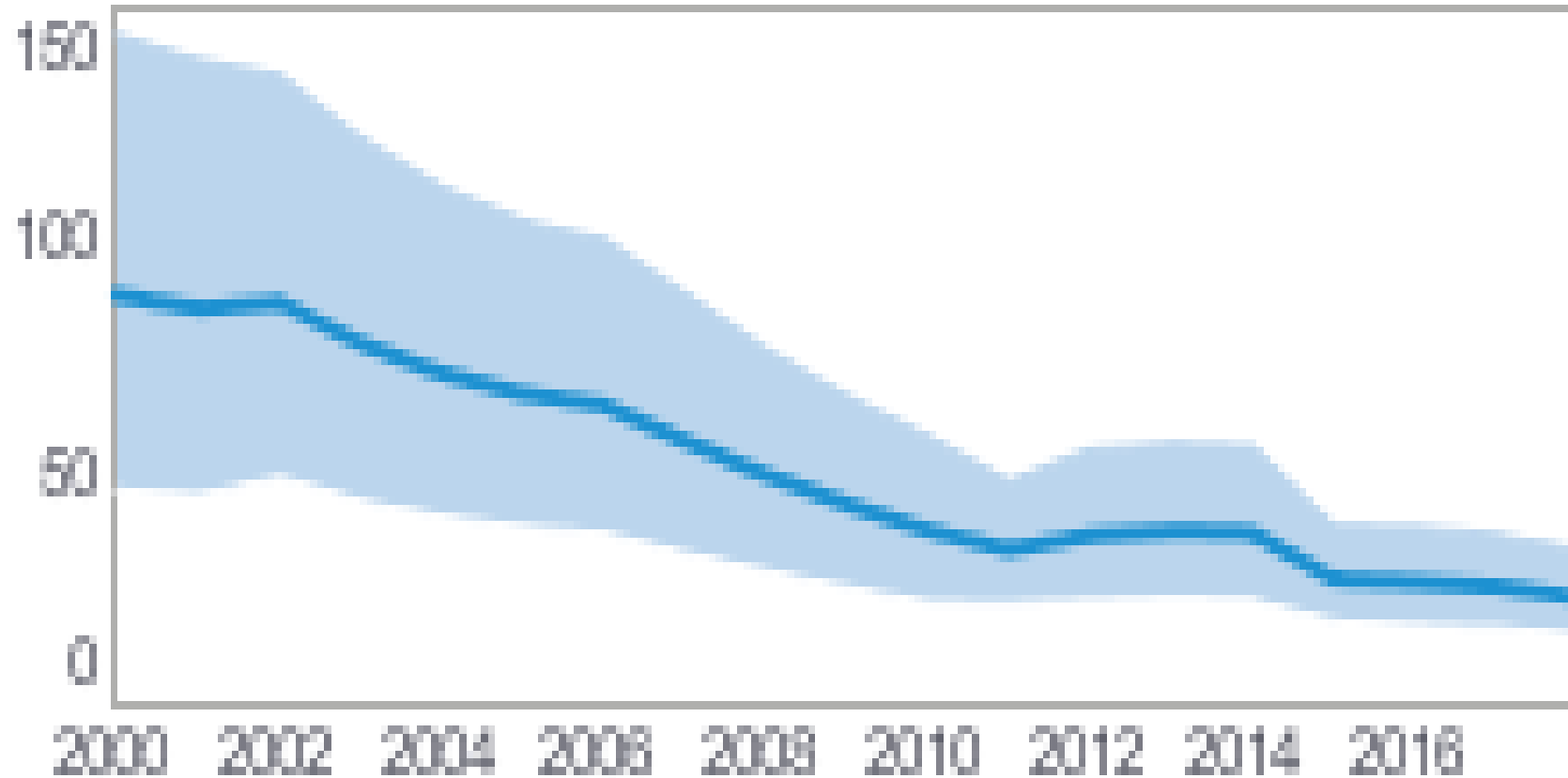
Ethiopia is among 30 high TB, TB/HIV and DR-TB Burden Countries, 87% of all estimated incident cases worldwide



# Total TB incidence and notification from 2000-2018



# HIV-negative TB mortality 2000-2018

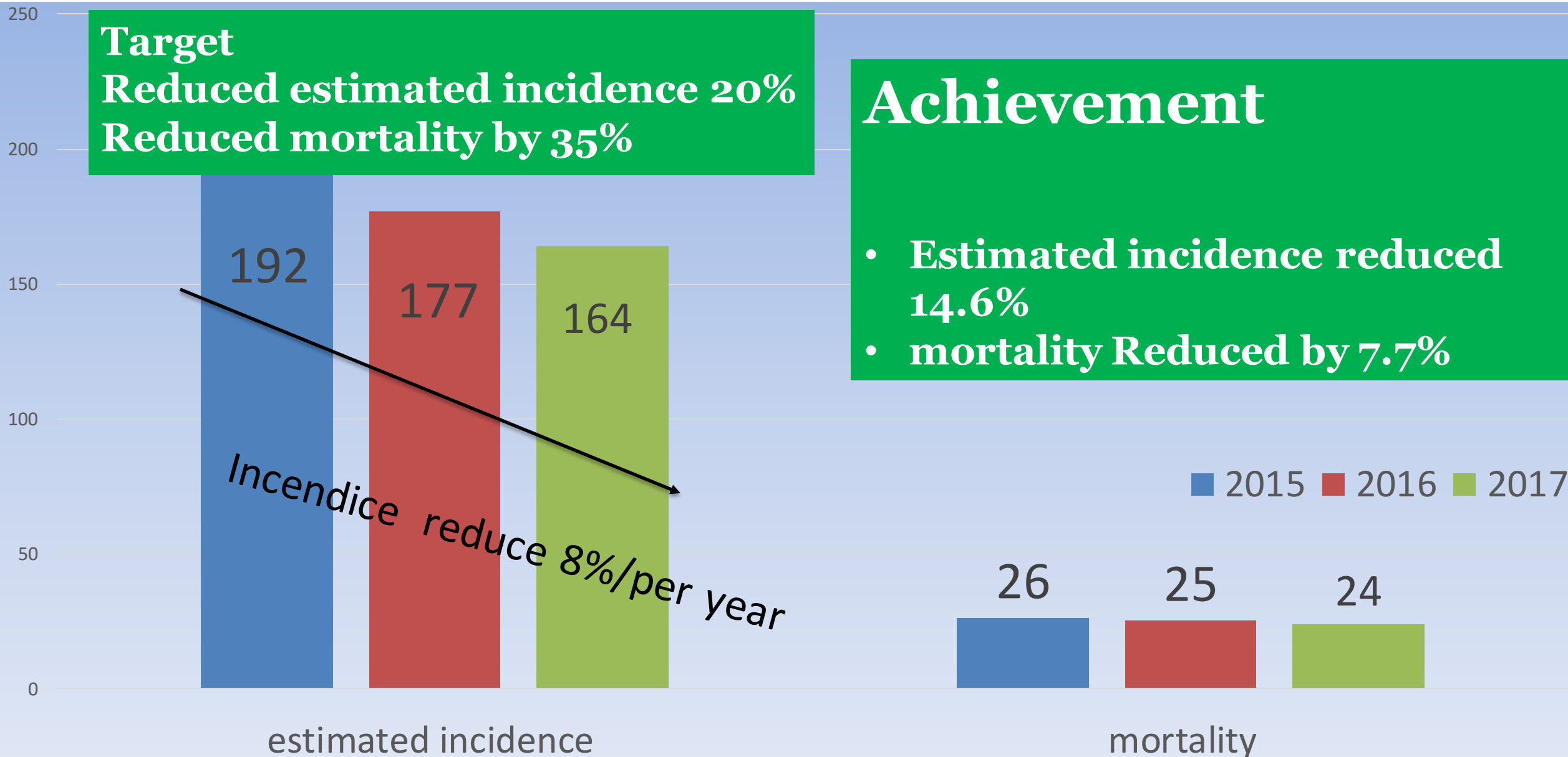


# End TB target by 2020, where are we?

**Target**  
Reduced estimated incidence 20%  
Reduced mortality by 35%

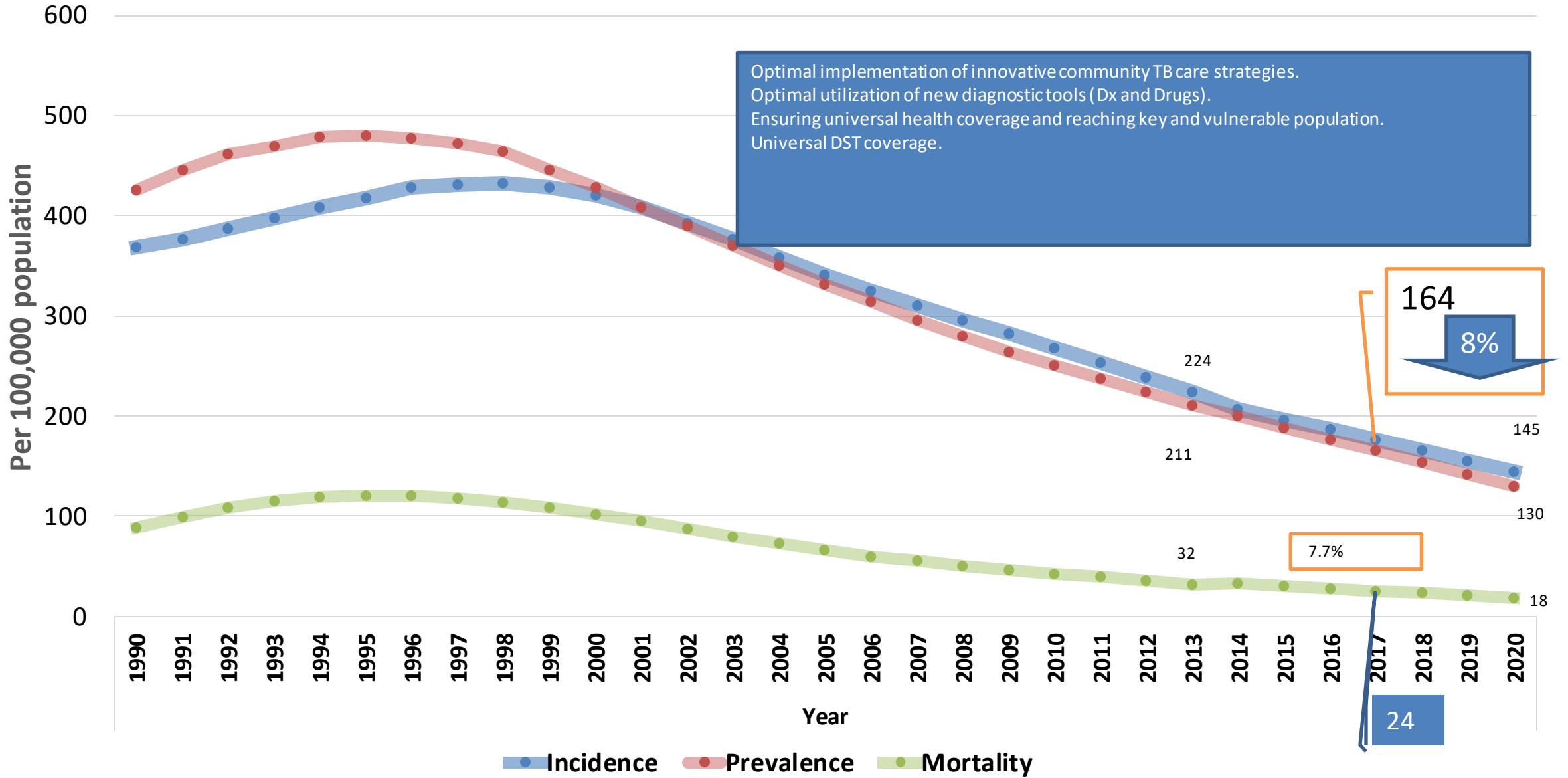
## Achievement

- Estimated incidence reduced 14.6%
- mortality Reduced by 7.7%





# TB incidence, Mortality and Prevalence, 2020



# 3 (90) People-centred global targets: 90-(90)-90 end TB 2025

THE GLOBAL PLAN ARTICULATES THESE AS THE 90-(90)-90 TARGETS:

Reach at least

90%

OF ALL PEOPLE WITH TB

and place all of them on appropriate therapy – first-line, second-line and preventive therapy as required

As a part of this approach, reach at least

(90)%

OF THE KEY POPULATIONS

the most vulnerable, underserved, at-risk populations

Achieve at least

90%

TREATMENT SUCCESS

for all people diagnosed with TB through affordable treatment services, adherence to complete and correct treatment, and social support.



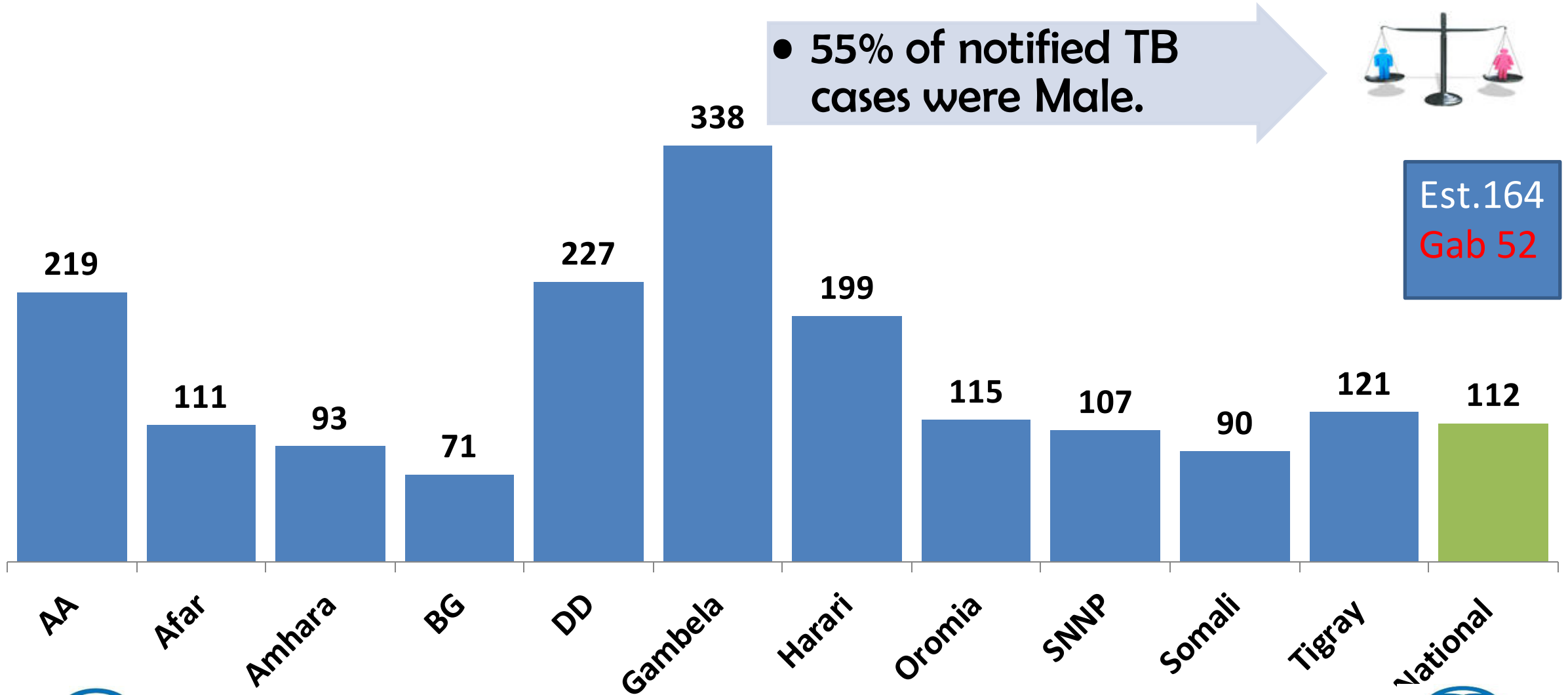
# 1<sup>st</sup> (90) where we are?

- **Target1:Reach 90% of all people with TB**
- **Achieved 68.5%**
  - **Still 31 % missed TB cases**



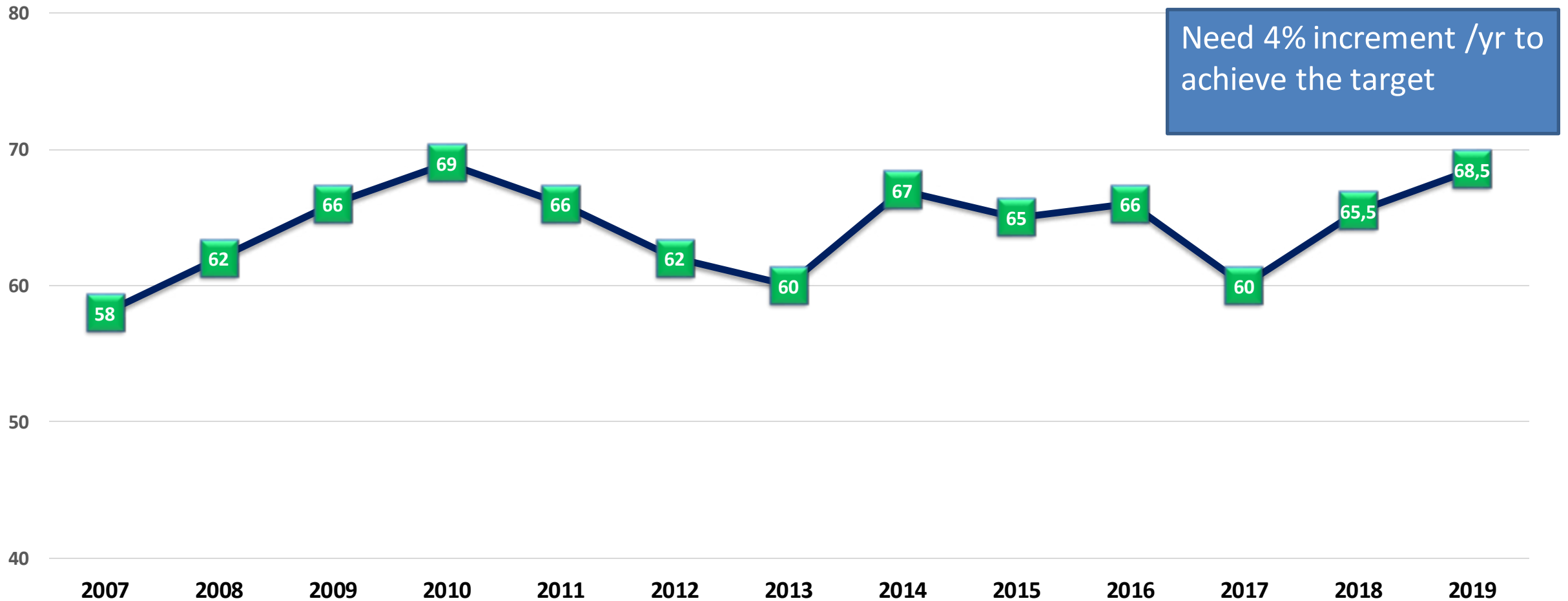
# TB case notification at national level 112/100k 2011

## E.C



# 1<sup>st</sup> (90)s The Global plan to End TB 2025.....

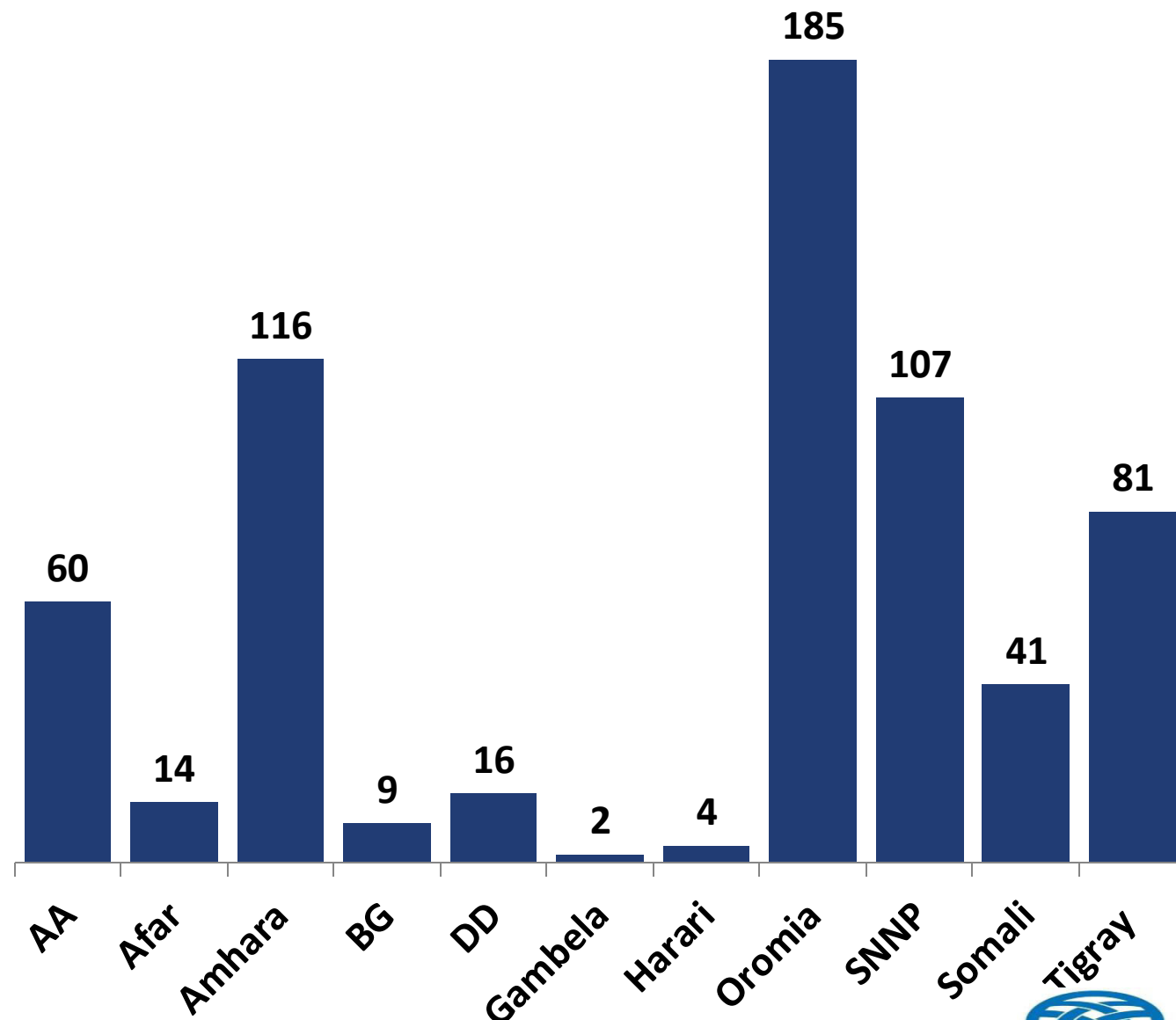
## Trend of TB treatment coverage from 2007 (CDR)





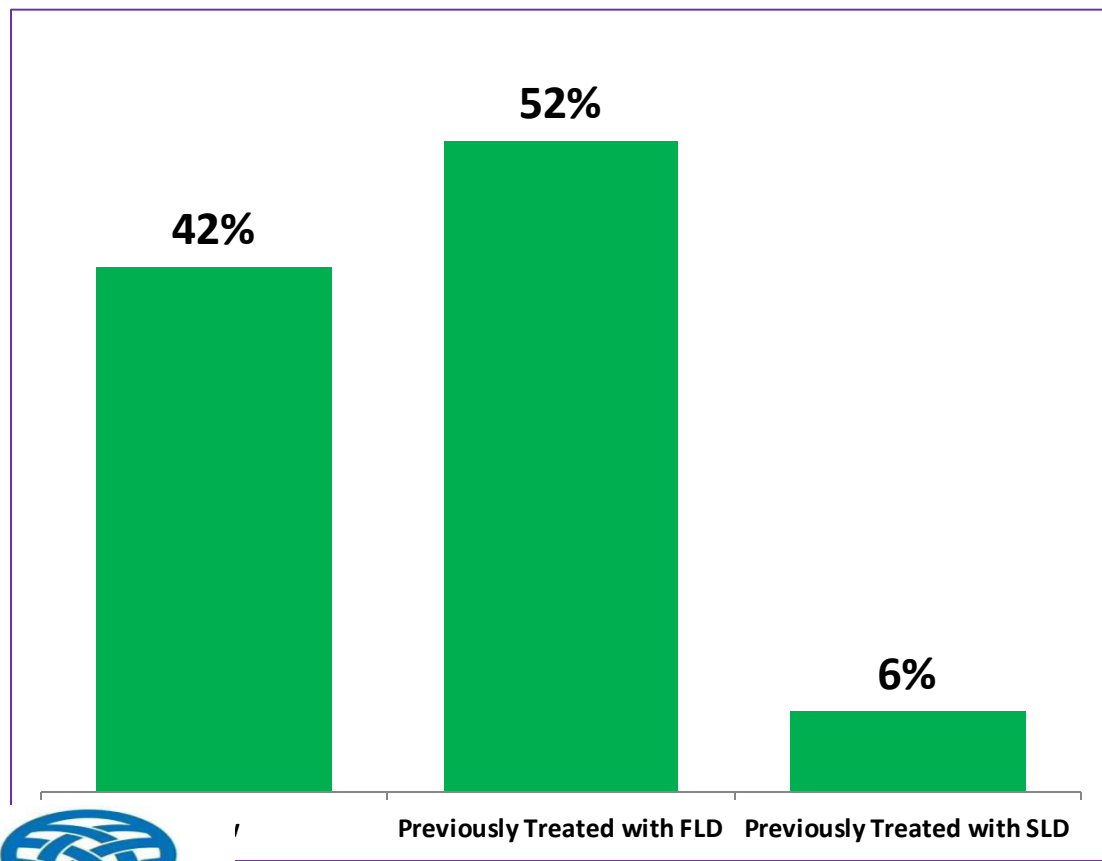
# 658 DR-TB cases detected in 2011 EC.

- 76% only RR cases.
- 19 % MDR-TB cases.
- 5 % pre-XDR/XDR-TB.

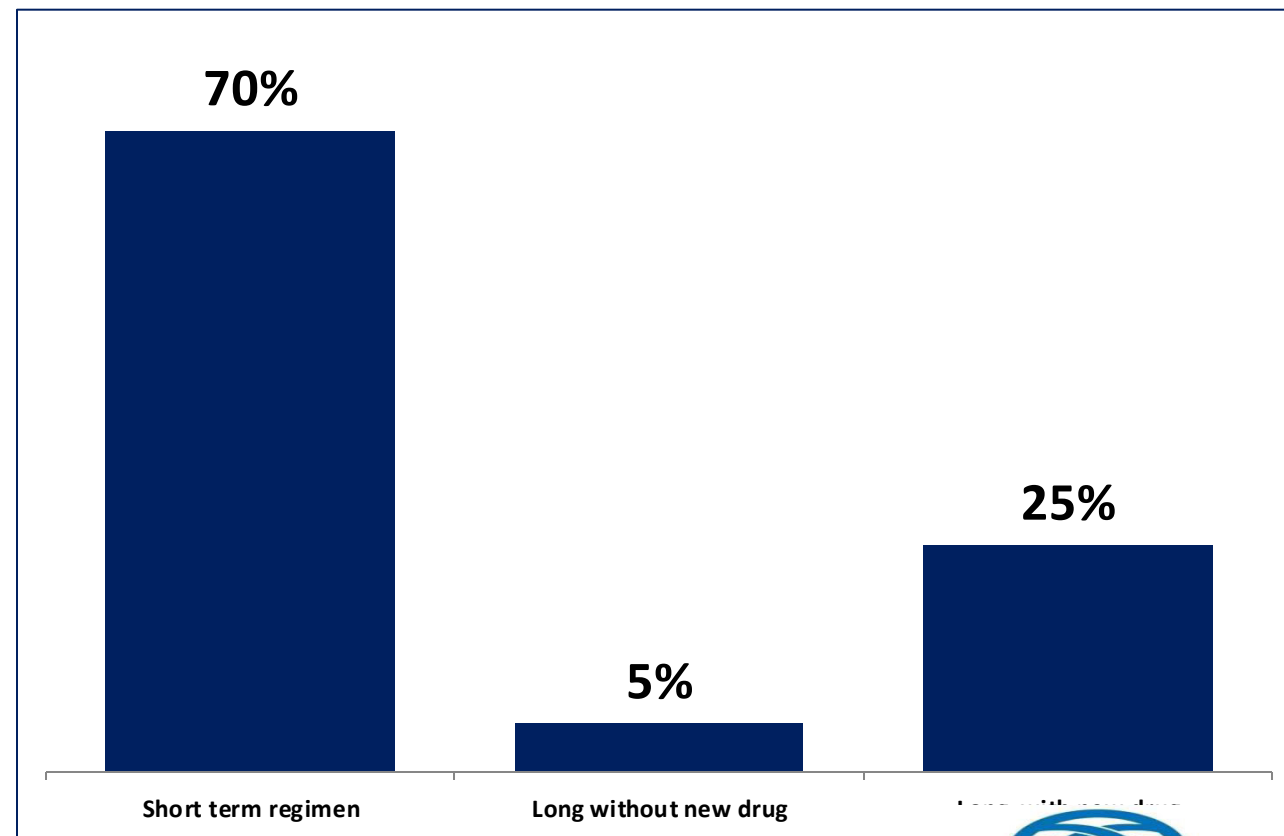


# DR-TB cases started on second line anti TB treatment, 2011.

**42% were new patients.**  
**22% co-infected with HIV.**



**70 % of started shorter treatment regimen.**  
**30% longer treatment regimen.**



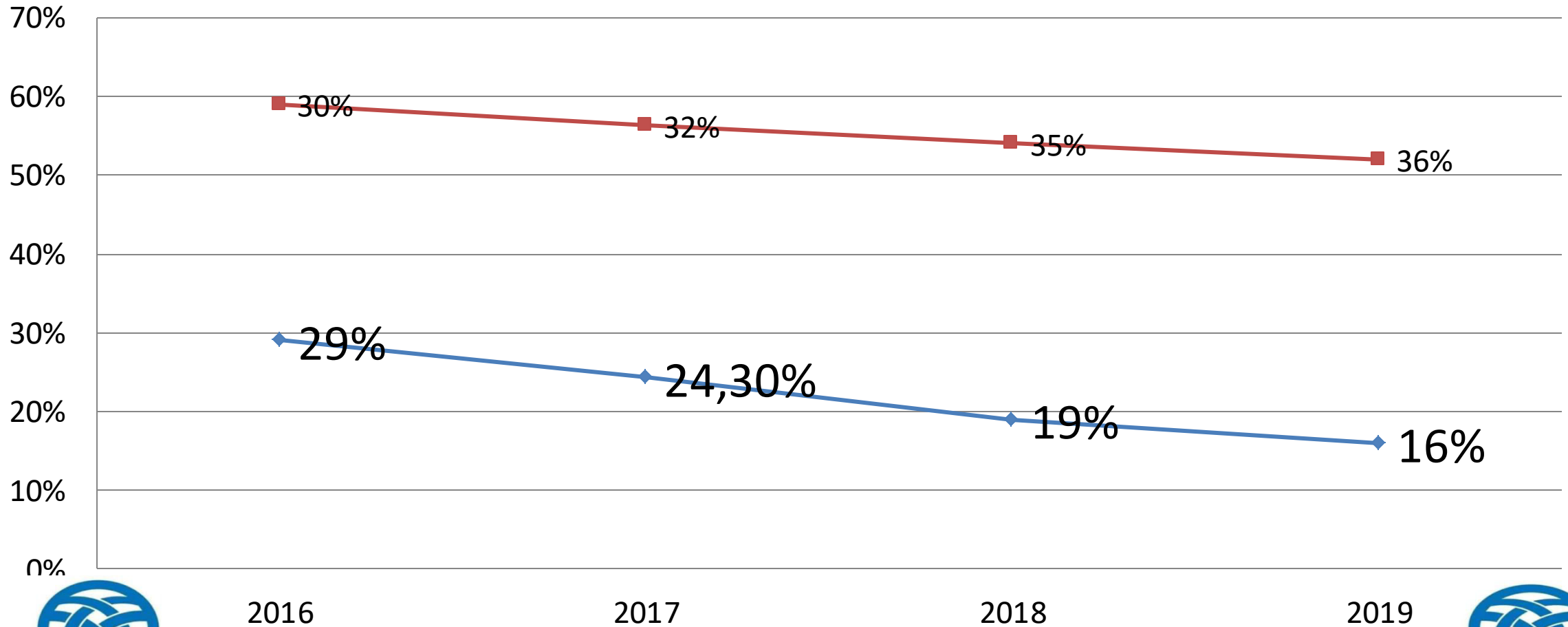


# Community contribution to TB Case Detection Rate

Year	Notified TB cases	Community contribution (%)
2016	124378	29%
2017	116725	24.3%
2018	113613	19%
2019	110782	16%



# Trend of Community decline from time to time



# 3 (90) People-centred global targets: 90-(90)-90 end TB 2025..

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WITH TB

and place all of them  
on appropriate therapy—  
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As a part of this approach,  
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Achieve at least

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SUCCESS

for all people diagnosed  
with TB through  
affordable treatment  
services, adherence to  
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support.



# Expected National Annual performance towards END TB 90(90)90 by 2020

- **Goal:** to contribute to National END TB targets of 90(90)90 for 2020 by detecting and notifying an additional 168,869(57% of 90% TB case detection by 2020) of TB cases from KAP and maintaining treatment success rate of 90%.

	2010	2011	2012	2013
Annual TB CDR NSP plan	77% (129,144)	81% (133,450)	85% (138,610)	91% (144,154)
Annual Targeted KAP plan	<b>16%</b> <b>(16,213)</b>	41% (54581)	56% (77135)	70% (101,481)



# Reach at least 90% of the key populations....

- interventions are under implementation like PLHIV, Miners, urban slum areas , refuge camp, prison, wholly water sites , IDP and comorbid conditions
- No indicator to monitor this target



# Major achievements

- Access to TB care services improved
  - Expansion of diagnostic and treatment sites
  - TB disease screening for risk groups
  - Integrating TB care into other health programs
- Improve quality of TB care in Non-NTP services providers
  - Quality assurance of TB laboratory service
  - Capacity building for service providers
  - Monitoring and technical support
- Improve health care seeking behavior
  - Awareness raising

# 3 (90) People-centred global targets: 90-(90)-90 end TB 2025..

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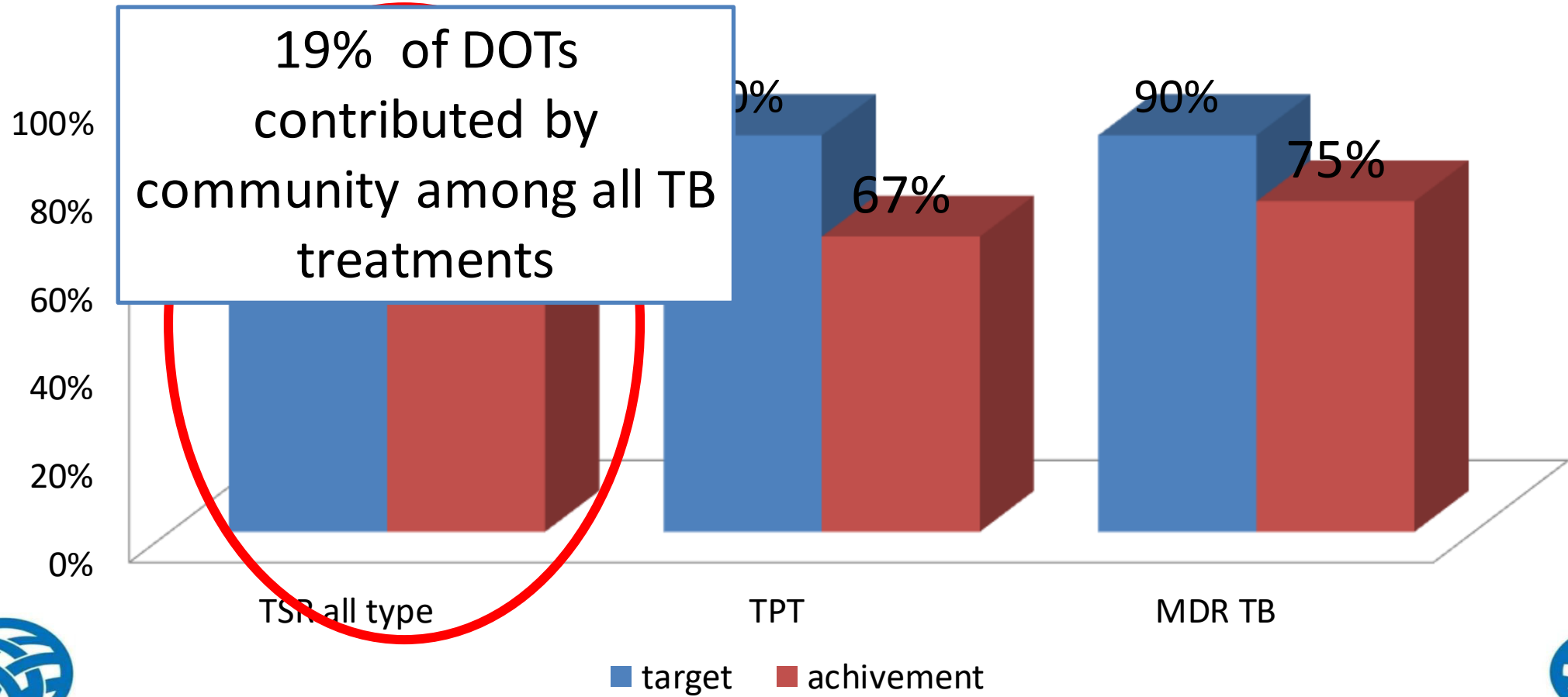
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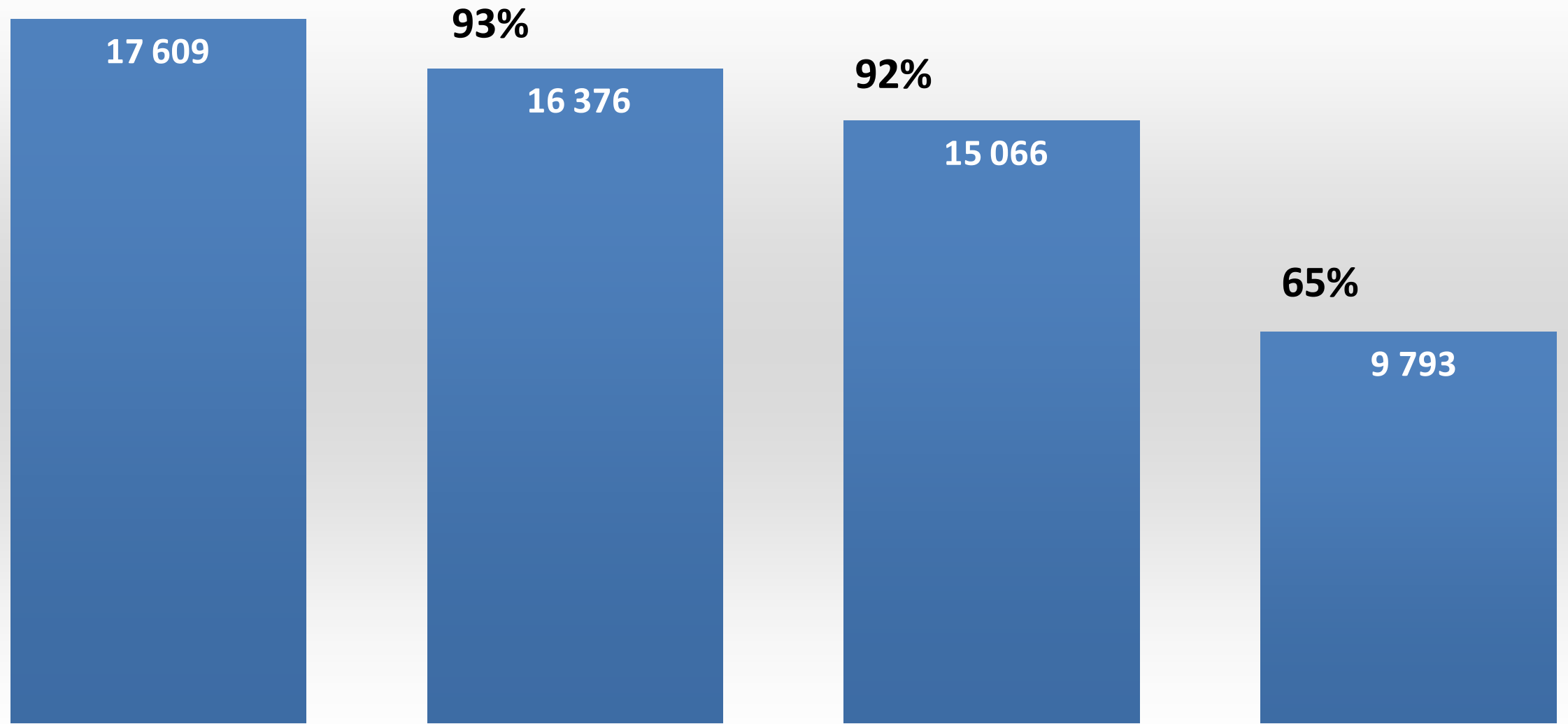
# Target3: Achieve at least 90% treatment success for all people diagnosed with TB







# TB contact screening and TPT Coverage in under-five children



Under 5 children with conact history

Underfive children screened

Underfive children eligible for TPT

Under five children put on TPT

# HSTP I indicators

Indicators	Base line	Target at 4yr HSTP	Achievements	Proportion	On track
TB case detection rate for all	61%	85%	68.5%	80.5%	Partially
TB treatment success rate	92%	95%	94%	100%	On track
Cure rate for bacteriologically	77%	87%	87%	100%	On track
Number of laboratory-confirmed MDR-TB cases enrolled on second-line anti-TB treatment during the specified period of assessment	653	3000	658	21%	Not on track
MDR-TB Cure Rate Outcome	42	72	75%	100%	On track
Proportion of Disability grade 2 among new leprosy cases	18	7%	12%	71%	partially
TB Incidence rate/100K	224	156	164		On track
Mortality rate/100k	32	17	22		Partially

Engagement of other organization in TB case finding

# Engagement of NGOs & CSOs in TB case finding

Engagement of NGOs & CSOs may improve case finding

NGOs & CSOs shall follow the operational guidance when:

- Integrating TB control interventions in their primary project
- Scaling up community based health programs
- Empowering communities to end TB epidemic

# ENGAGE – TB projects in Ethiopia

## **AMREF Ethiopia** in Afar region

- Integrated TB control intervention into existing malaria and MNCH projects in 3 districts
- Identified 627 presumptive TB cases
- Identified 155 TB cases
- 28% contribution to TB notification

## **Doctors with Africa CUAMM** in Oromia region

- Integrated TB case finding into cervical cancer screening program
- 893 presumptive TB cases identified
- 29 TB patients detected (11 TB mastitis)

# ENGAGE – TB projects in Ethiopia...Cont'd

## **Save the Children International** in Somali region

- Integrated TB control intervention into existing MNCH and nutrition projects
- 217 TB patients received support (nutritional, adherence, transport ) from the project
- 58% contribution to TB notification



# Major challenges community TB

- Suboptimal implementation of CBTB Care packages
- Less attention given to some components of CBTB care packages
- Inadequacy of technical support provided to health extension workers





# Major challenges KAP

- Difficulty of maintaining adherence to treatment in some population groups
  - Miners, pastoralist communities, released prisoners
- Additional resources (human, financial) required
  - For HIV screening & linkage to ART sites, DM patients
- Affected population groups are not fully engaged in implementation



# Major challenges to engage other organization

- NGOs might need financial support to integrate TB services into their primary interventions
- Engaging NGOs & CSOs requires high commitment from government health facility and office staffs
- Addition training on TB required to NGO and CSO staffs
- Health information management system should be strengthened to capture data on ENGAGE – TB interventions



# Way of forward to be reflected in HSTP II

- Involve CSO and NGOs
- Strengthening Multisectoral collaboration
- Strengthening family health team as new approach
- Develop indicators that measure KAP
- Find innovative approach for case finding for TB and MDR TB



# Thank You!



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MINISTRY OF HEALTH-ETHIOPIA

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HEALTHIER CITEZENS FOR PROSPEROUS NATION!