



National Tuberculosis Program

Jocelyn Tabotabo, RN, MPA
NTP Regional Coordinator
DOH-RO 7



How Serious is the TB Problem?

Magnitude of TB problem

	Mortality Rate	Prevalence Rate	Incidence Rate
Global	15	178	128
WPRO	7.5	139	93
Philippines	33	502	275

Source: Global TB Control 2011

Prevalence of MDR-TB, percent

	New cases, %	Retreatment, %
Global	3.4	20
WPR	4.9	23
Philippines	4	21

Source: Global TB Control
2011

TB is a major public health problem in the Philippines

- Estimated 480,000 have active TB
- About 12,000 have multi-drug resistant TB
- Most are males and of productive age group, but children are also affected
- TB is no. 6 cause of death and illness
- The Philippines is no. 9 among 22 countries with high TB burden
- One smear (+) TB case can infect 10-20 persons/year

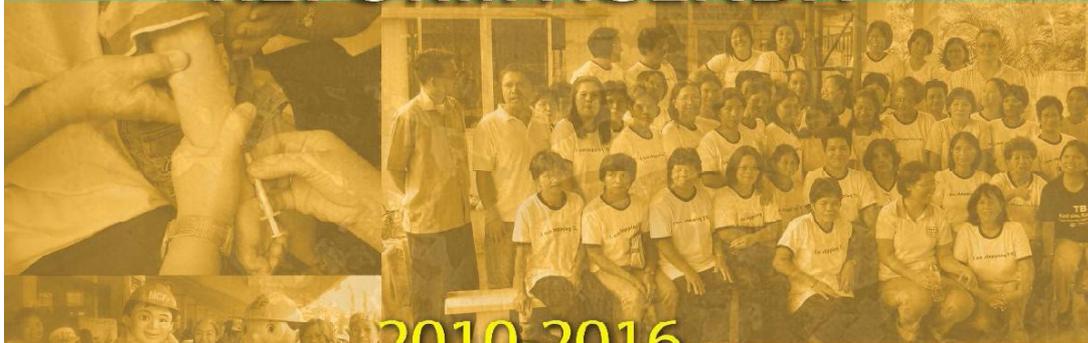


What the National TB Program is Doing?



HEALTH SECTOR REFORM AGENDA

Monograph No. 11



2010-2016 Philippine Plan of Action to Control Tuberculosis (PhilPACT)



Vision and goal of NTP

Vision: **TB-free Philippines**

Goal: Reduce by half the TB deaths and illnesses in 2015 compared to 1990

Targets:

Case detection rate (CDR) 90% (all forms & NSP)

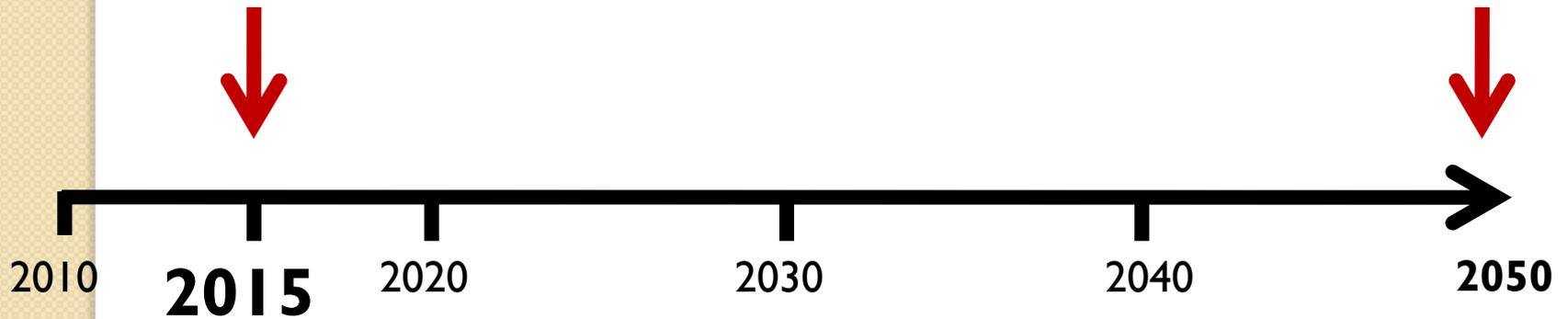
Success & cure rate: 90%

Vision

TB FREE

Philippines
1 active case per
1M population

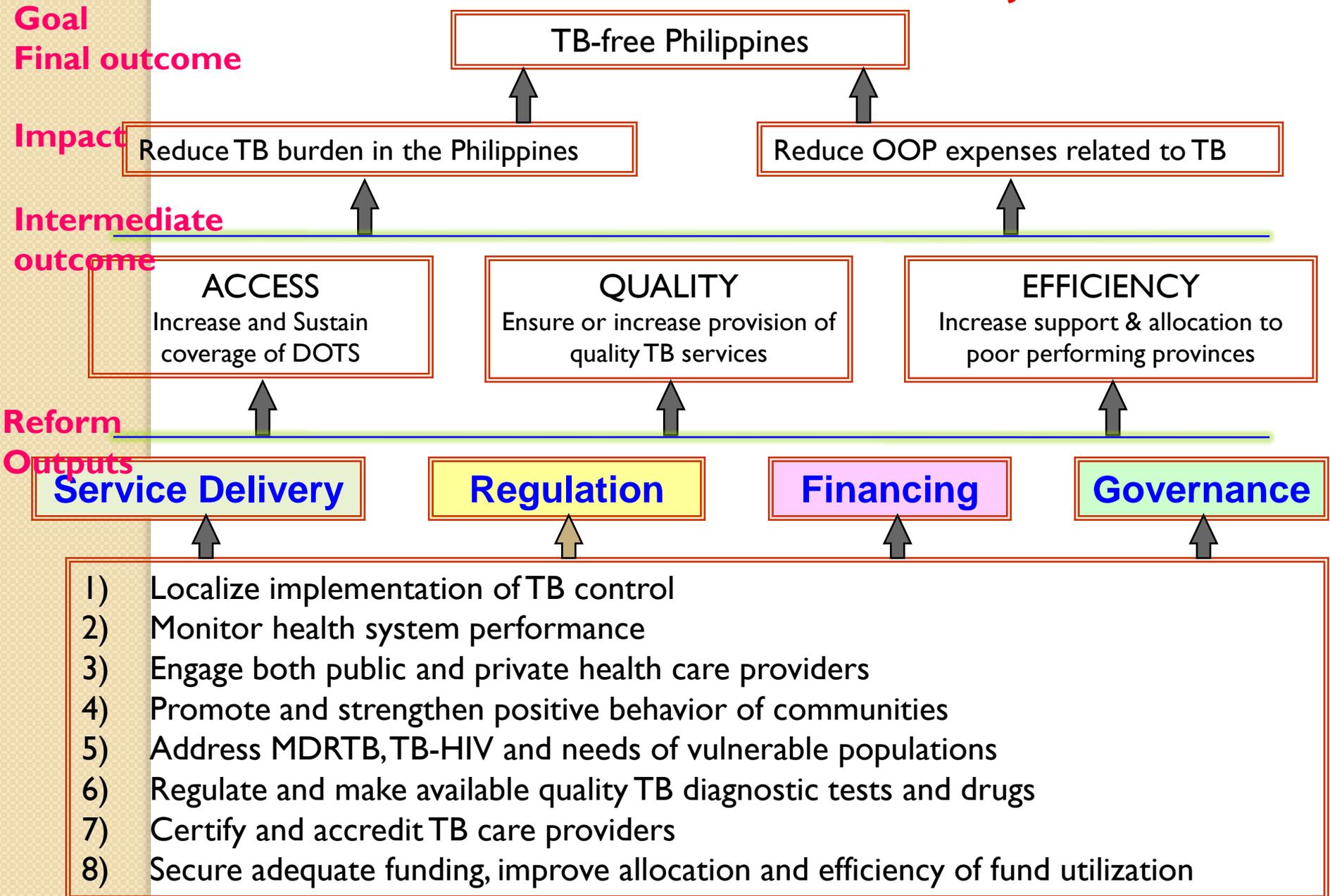
MDGoals



Prevalence rate
500/100,000
Death rate
29/100,000

Post-MDG Targets:

The Plan's Vision, Goal and Objectives



Objectives and strategies

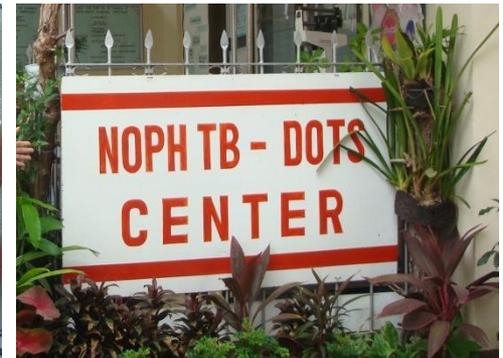
OBJECTIVE	STRATEGY
Reduce local variation in TB control program performance	<ol style="list-style-type: none">1. Localize implementation of TB control2. Monitor health system performance
Scale up and sustain coverage of DOTS implementation	<ol style="list-style-type: none">3. Engage both public and private health care providers4. Promote and strengthen positive behaviour of the communities5. Address MDR-TB, TB/HIV, and needs of vulnerable population
Ensure provision of quality TB services	<ol style="list-style-type: none">6. Regulate and make available quality TB diagnostic tests and drugs7. Certify and accredit TB care providers
Reduce out-of-pocket expenses related to TB	<ol style="list-style-type: none">8. Secure adequate funding and improve allocation and efficiency of fund utilization

Over-arching Strategy:

DOTS (Directly Observed Treatment Short-course) or Tutok Gamutan

5 elements:

1. Smear microscopy is available
2. Drug supply is uninterrupted
3. Patient intake of drugs is supervised
4. Program is monitored
5. Political will



DOTS facilities

- All health centers regionwide and some hospitals, prisons, other government clinics and private clinics are providing TB services (diagnosis through sputum examination, treatment and counselling)
- **Regional Profile**
- 160 DOTS Facilities in the region
- 162 TB Microscopy Labs; 1 Reference Lab
- 2 MDR-TB Treatment Site
- 36 Jails providing DOTS services
- 66 Hospitals participating in TB Control (either as providing or referring)



Ensuring that quality TB services are provided by DOTS facilities

- Capability Building
 - Supervision and monitoring
 - Certification by DOH
 - Accreditation by PhilHealth
- External quality assurance (EQA) for smear microscopy
- Health Facility Enhancement Funds

Resources provided by the NTP

To diagnose TB:

Laboratory supplies and microscope (smear microscopy)

X-ray supplies

Tuberculin test

To treat:

Anti-TB drugs – adult and children

Forms for recording and reporting

Funds for training and monitoring

Funds for facility enhancement

NTP initiatives

TB in Children and IPT

Public-Private Mix DOTS

TB in Jails

TB in Hospitals

Community TB Care

TB HIV Collaboration

TB in the Workplace

Programmatic Management of Drug-Resistant TB

Enhanced Hospital DOTS Referral System

DOTS Certification and Accreditation

External Quality Assurance and TML Expansion



NTP

**ACCOMPLISHMENTS:
PROGRAM INDICATORS**

National Targets (TB All Forms)

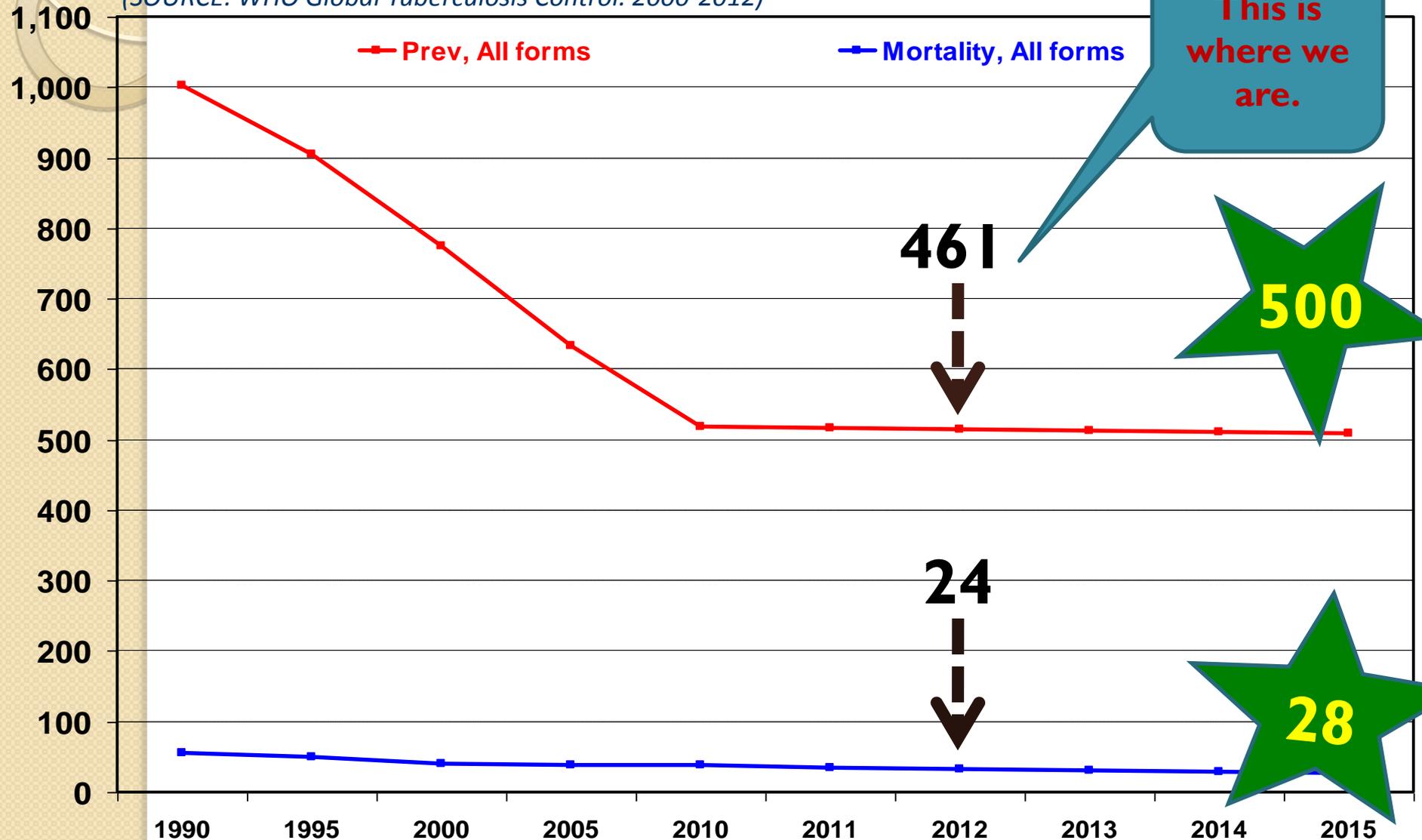
Case Detection Rate: 85%

Cure Rate: 85%

Treatment Success Rate: 90%

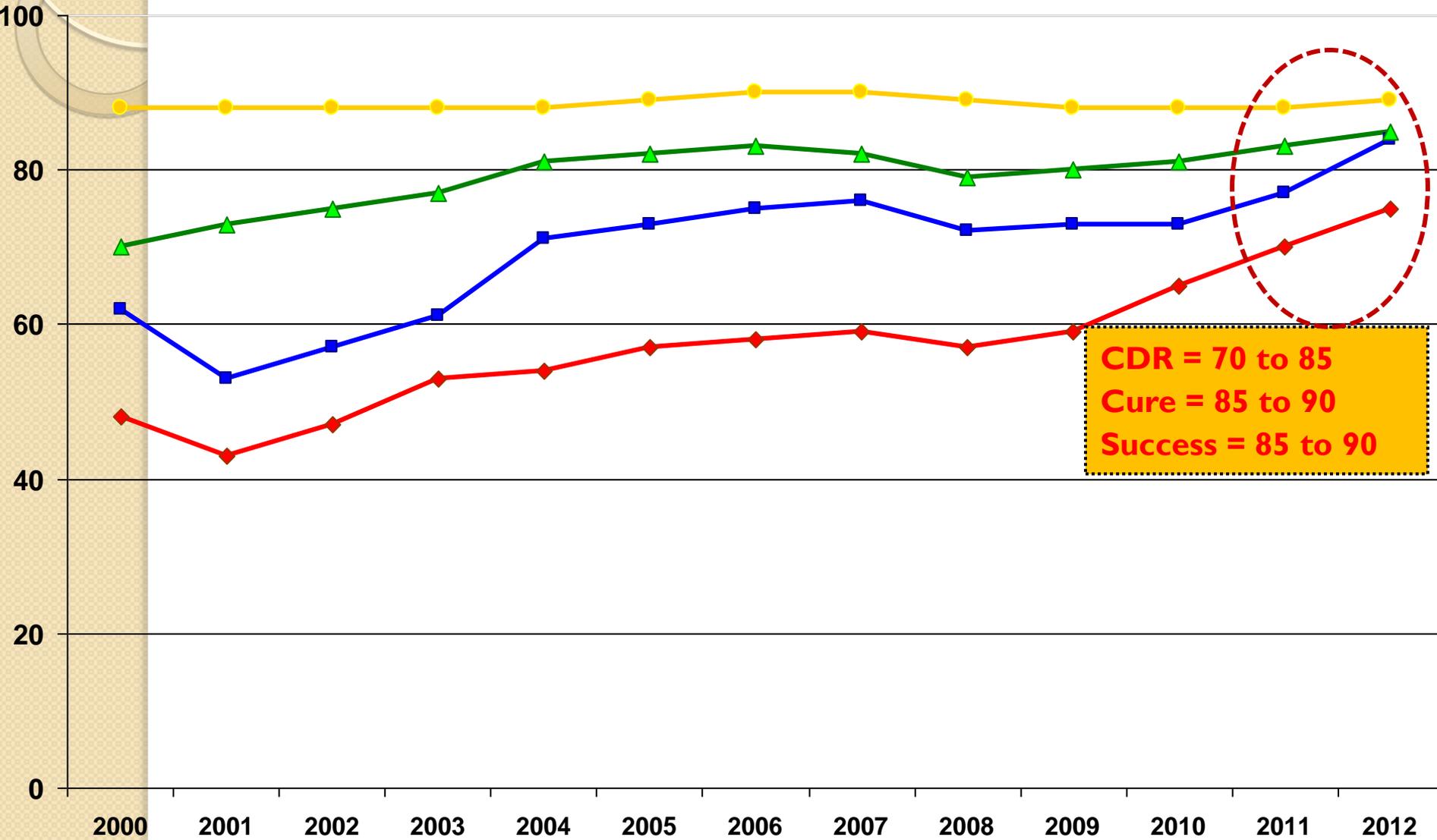
Prevalence and Mortality Rates - Philippines, 1990 - 2015 (per 100,000 population)

(SOURCE: WHO Global Tuberculosis Control. 2000-2012)



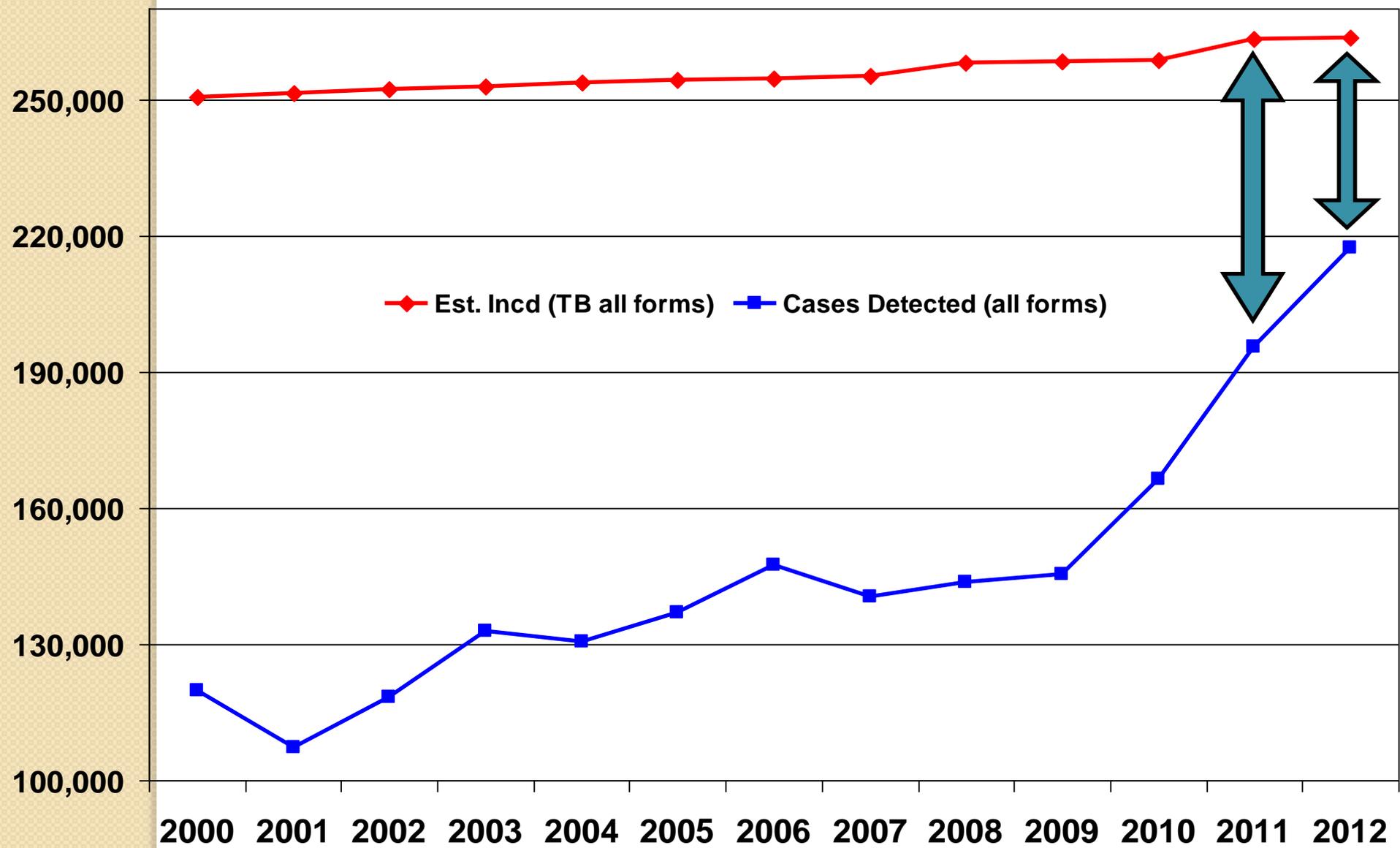
National Program Indicators

◆ CDR, All forms ■ CDR, New Sm+ ▲ Cure Rate ● Success Rate

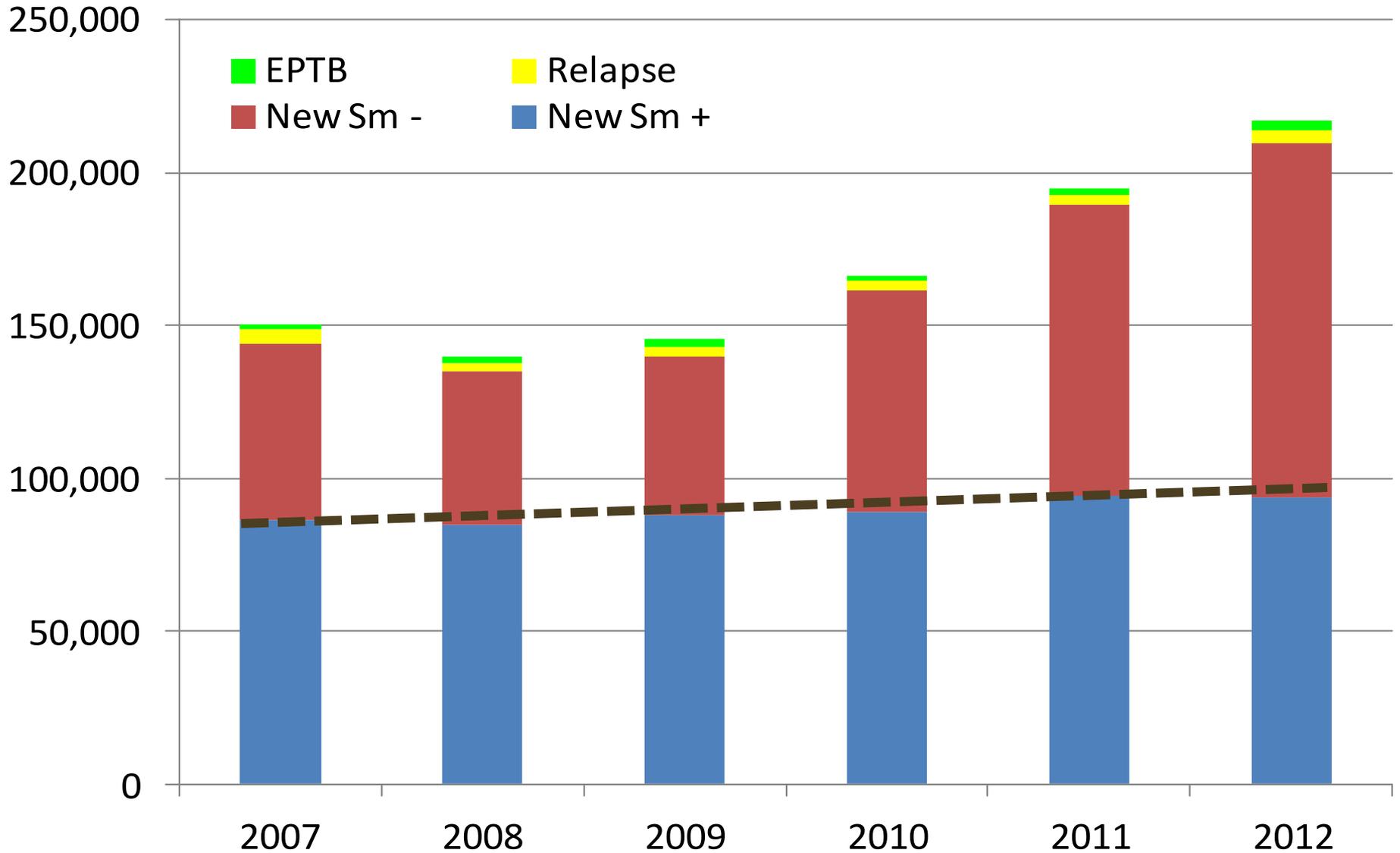


CDR = 70 to 85
Cure = 85 to 90
Success = 85 to 90

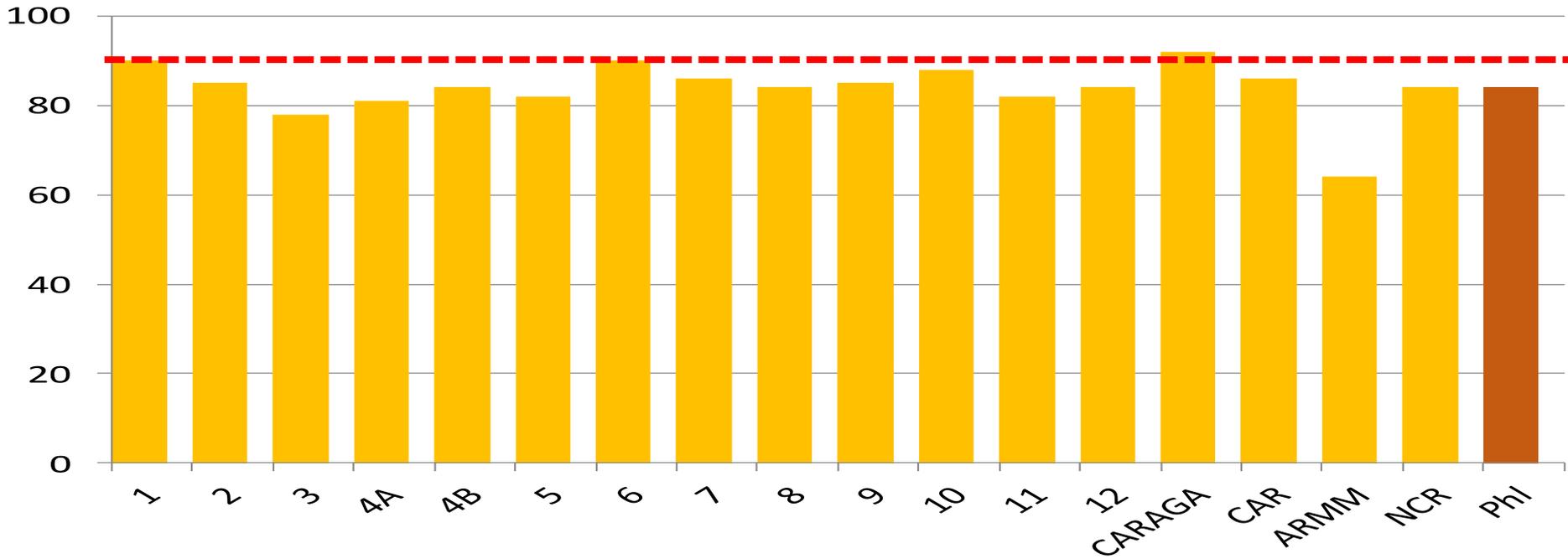
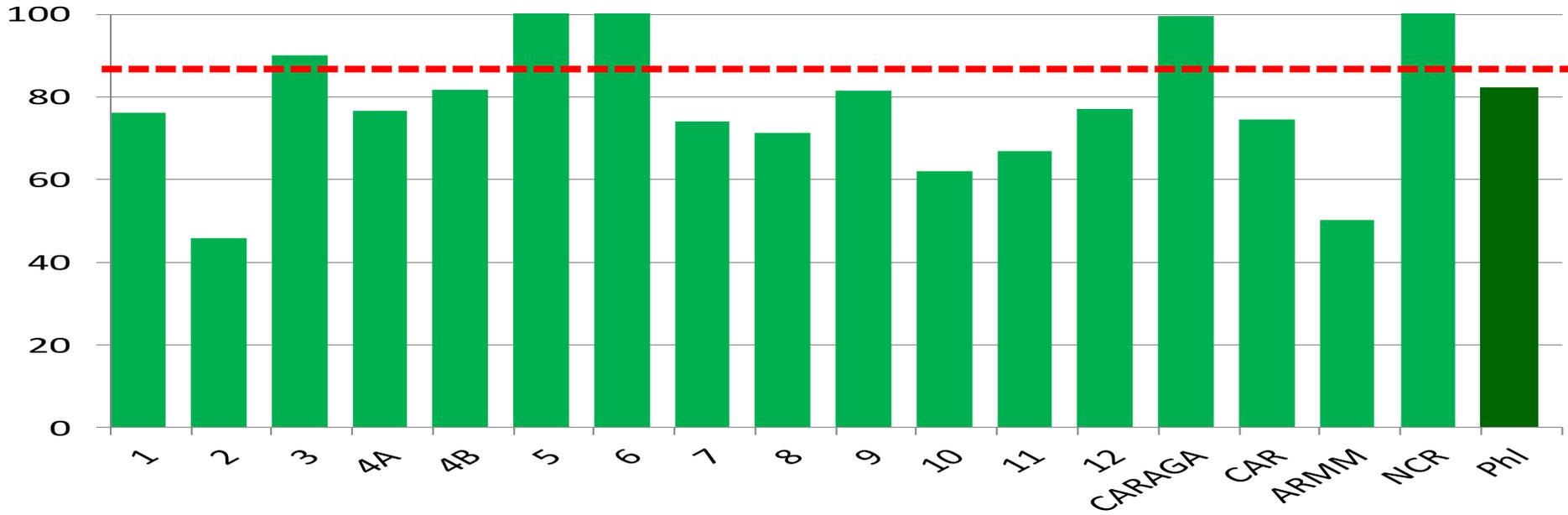
Case Detection of All Forms of TB, 2000-2012



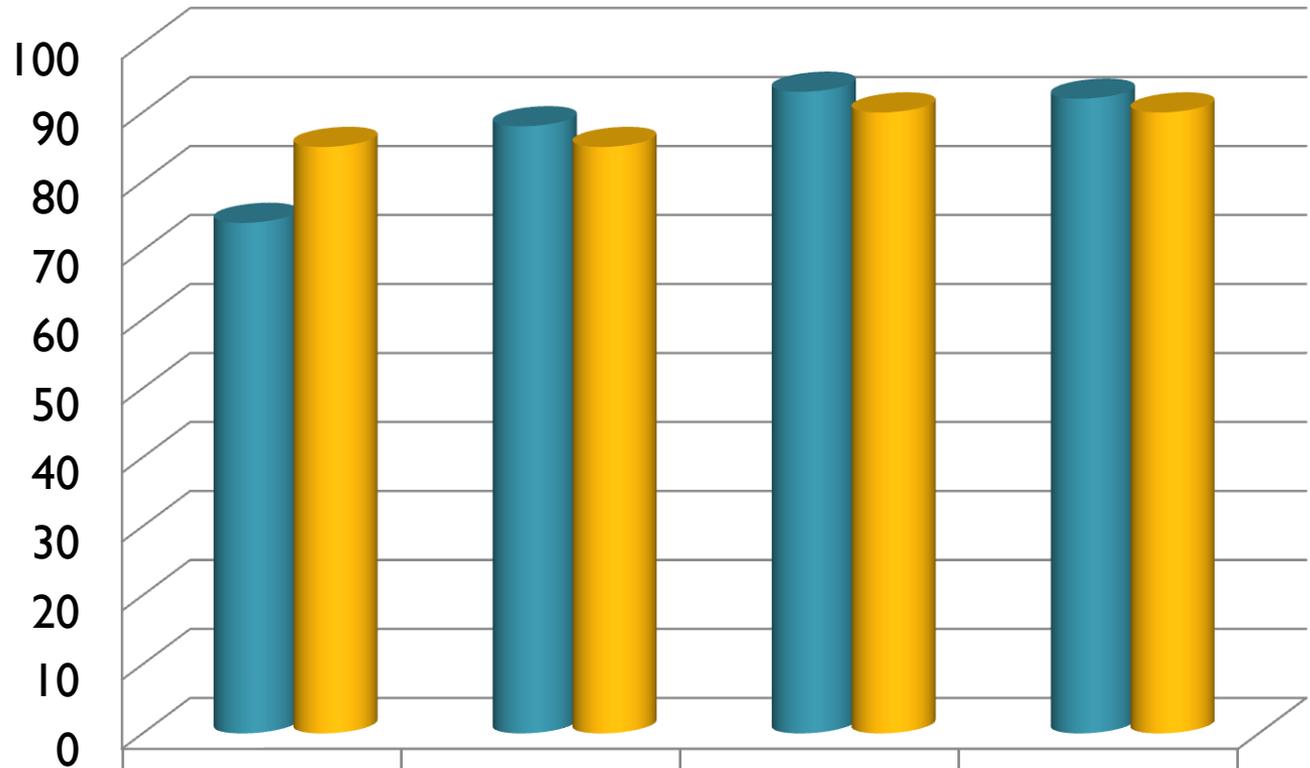
TB Cases All Forms - By Types, 2007 - 2012



CDR and Cure Rates by CHDs, 2012



2013 NTP Data (Central Visayas)



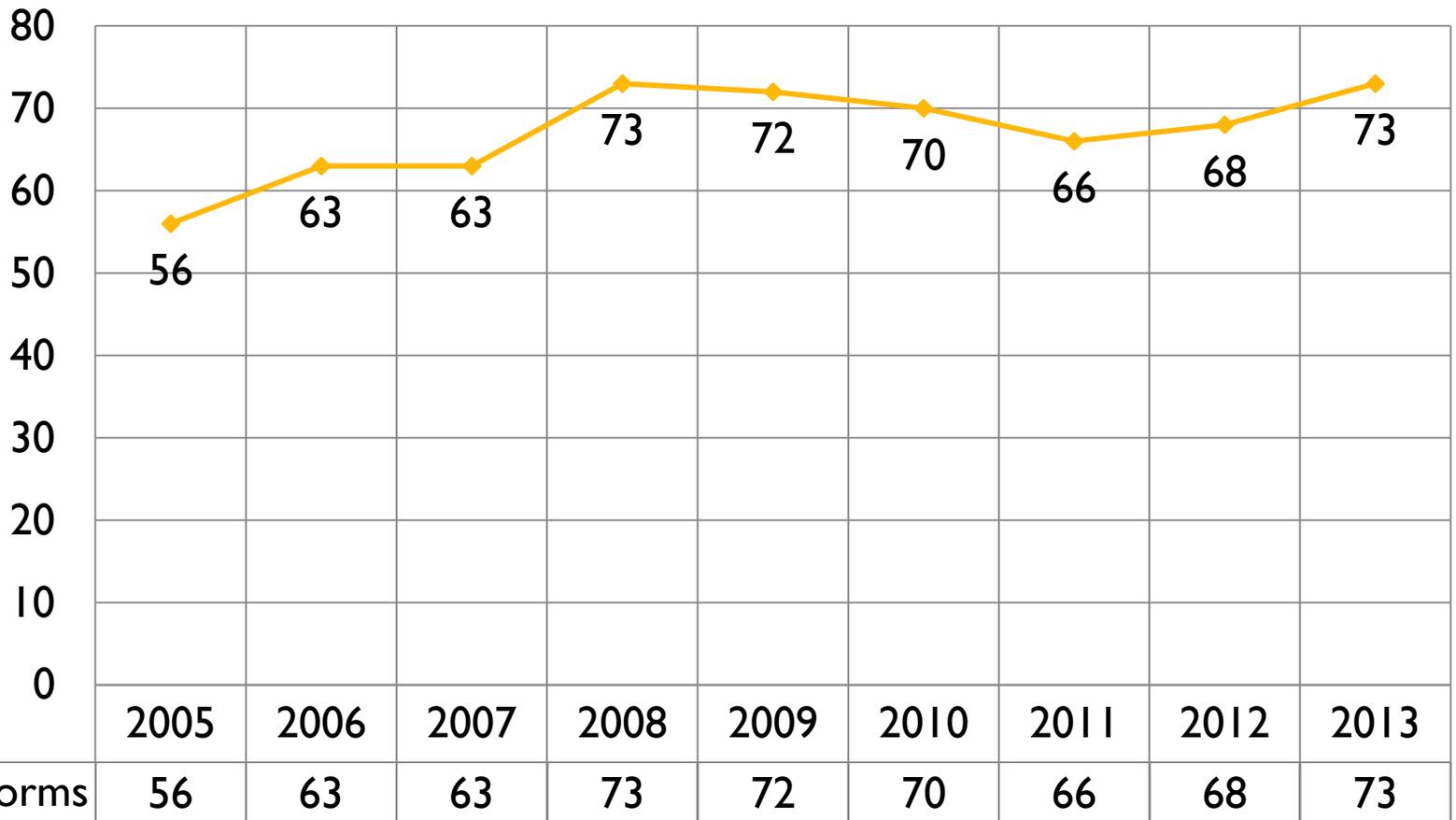
	Case Detection Rate	Cure Rate (NSP)	Treatment Success Rate (NSP)	Treatment Success Rate (All Forms)
■ Accomplishment	74	88	93	92
■ Target	85	85	90	90



CASE FINDING

Program Indicators: Case Detection Rate 2006-2013 (All Forms)

CDR - All forms



Axis Title

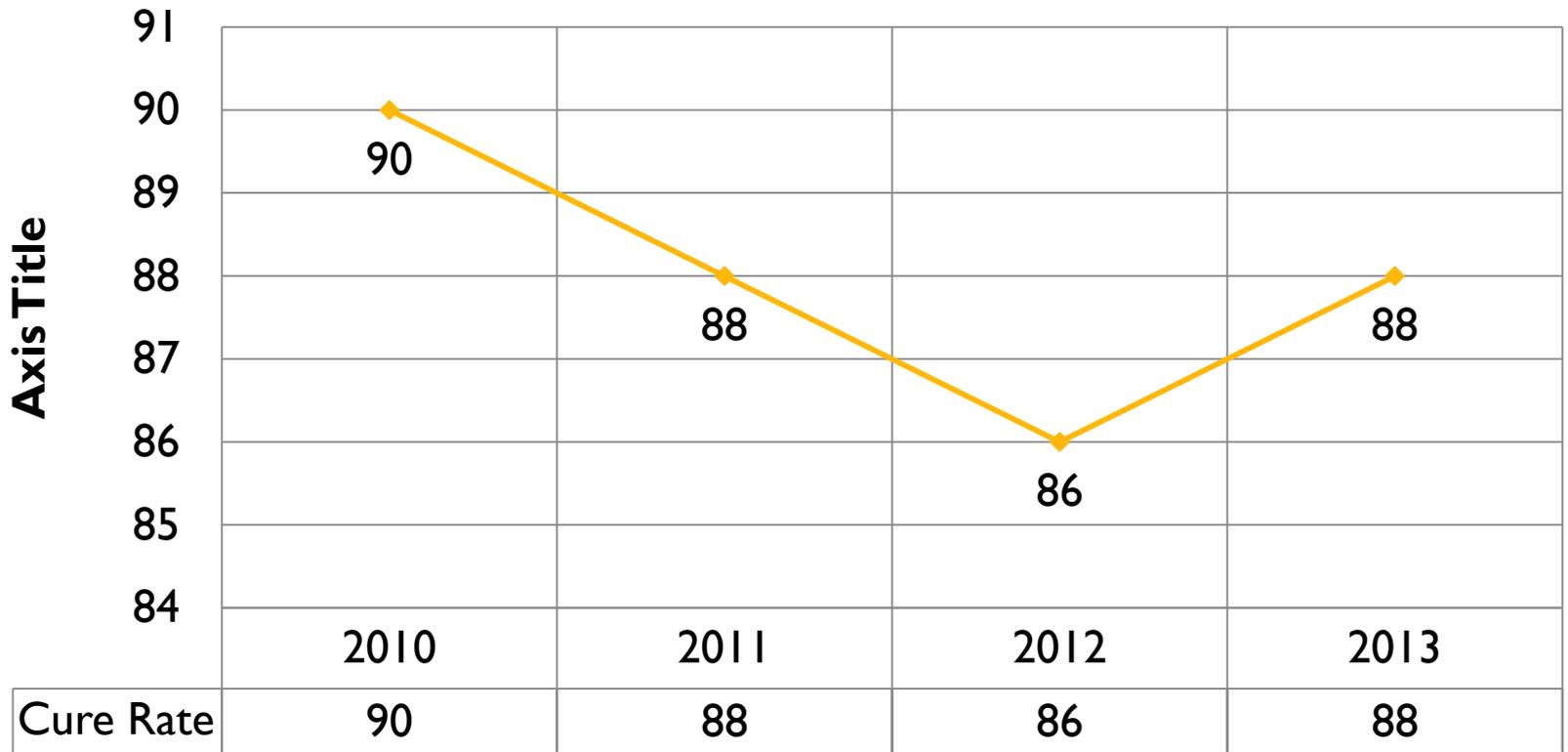
CDR - All forms



CASEHOLDING

Program Indicators: Cure Rate 2010-2013

Cure Rate

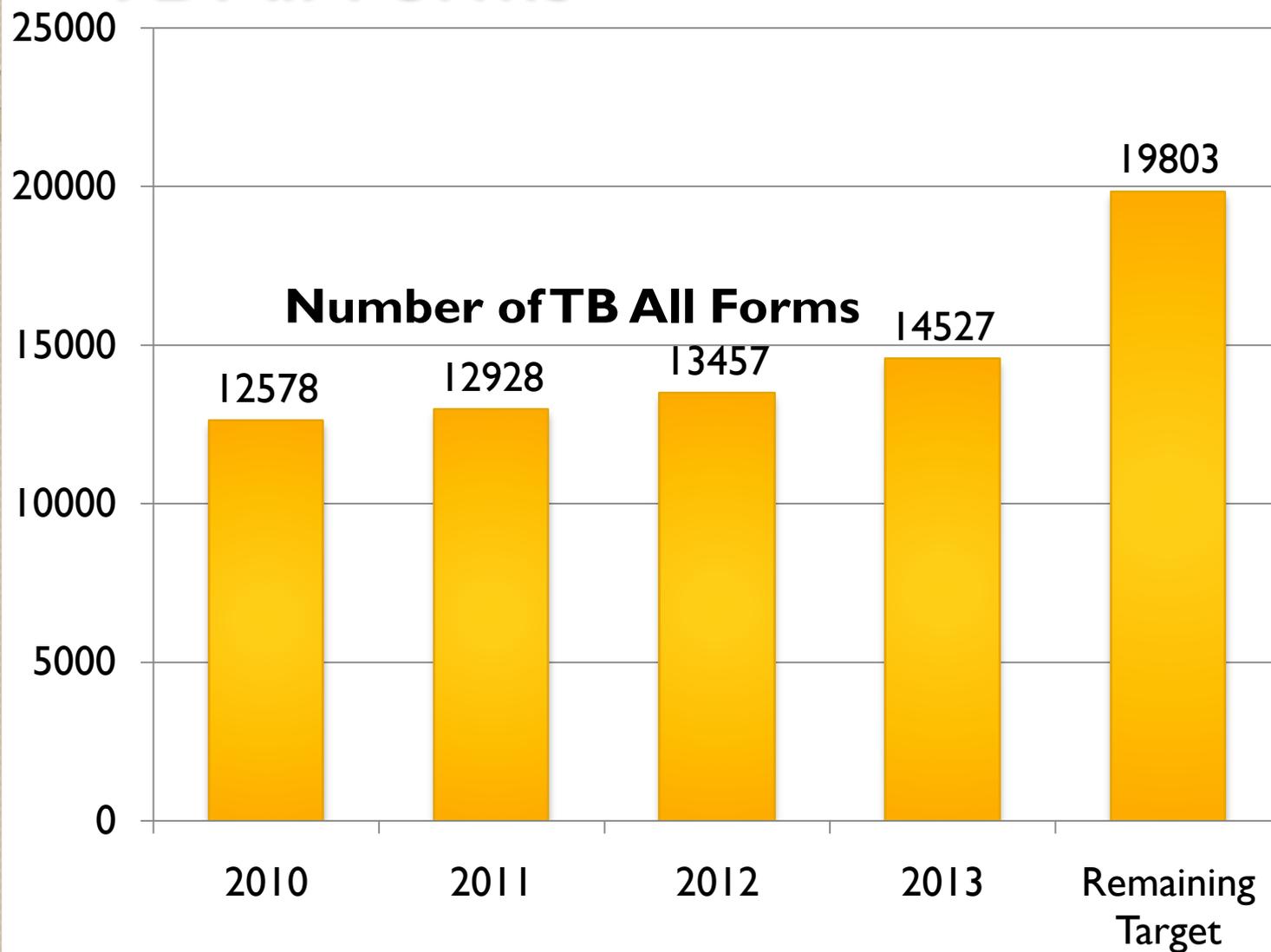




- Thank you

PhilPACT Beneficiaries

TB All Forms





STATUS OF HOSPITAL ENGAGEMENT

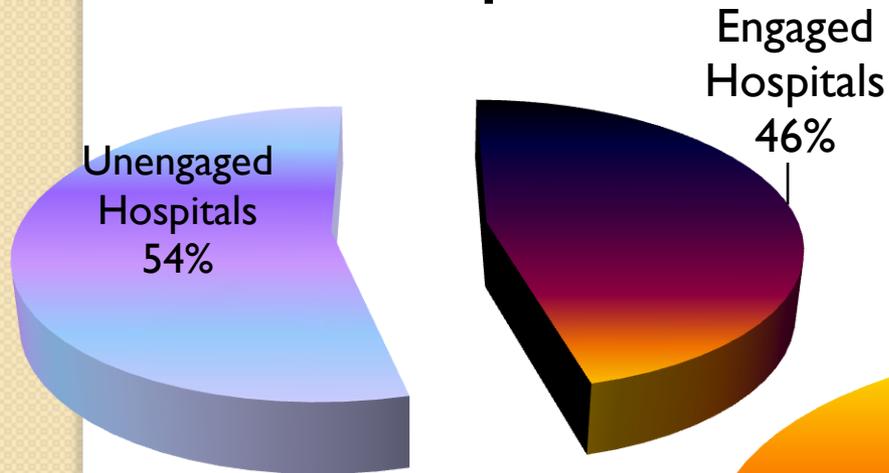
National Targets:

90% of Public Hospitals

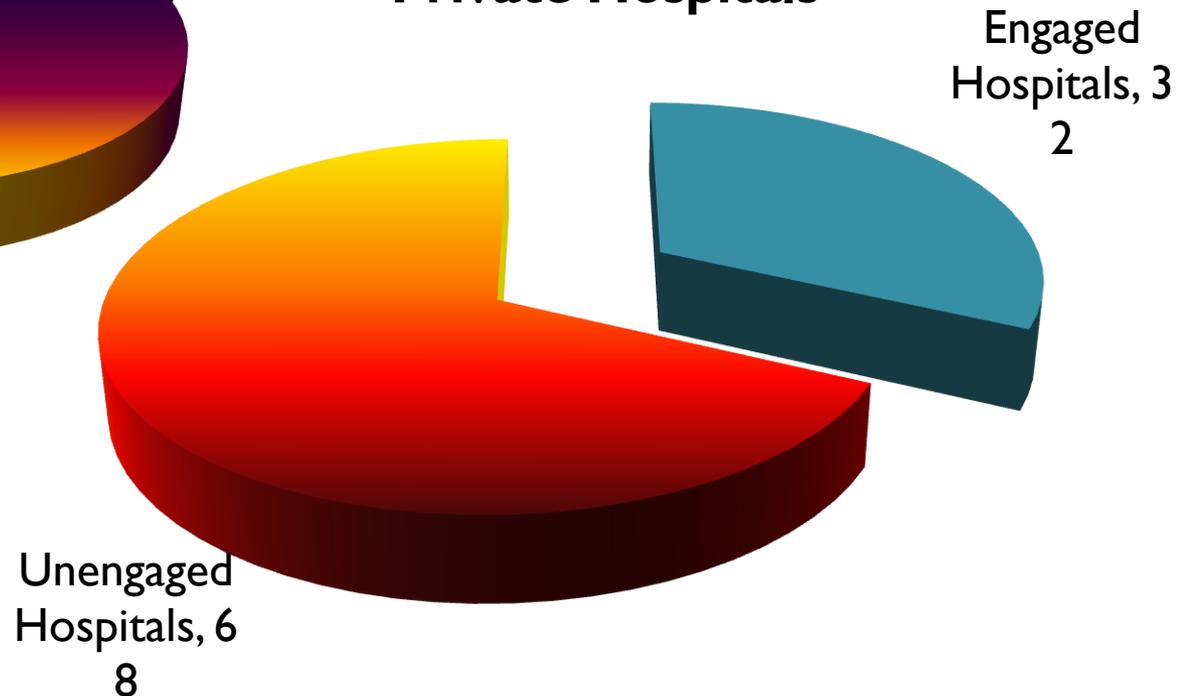
60% of Private Hospital

Percentage of Hospital Engagement in Enhanced Hospital DOTS Referral System

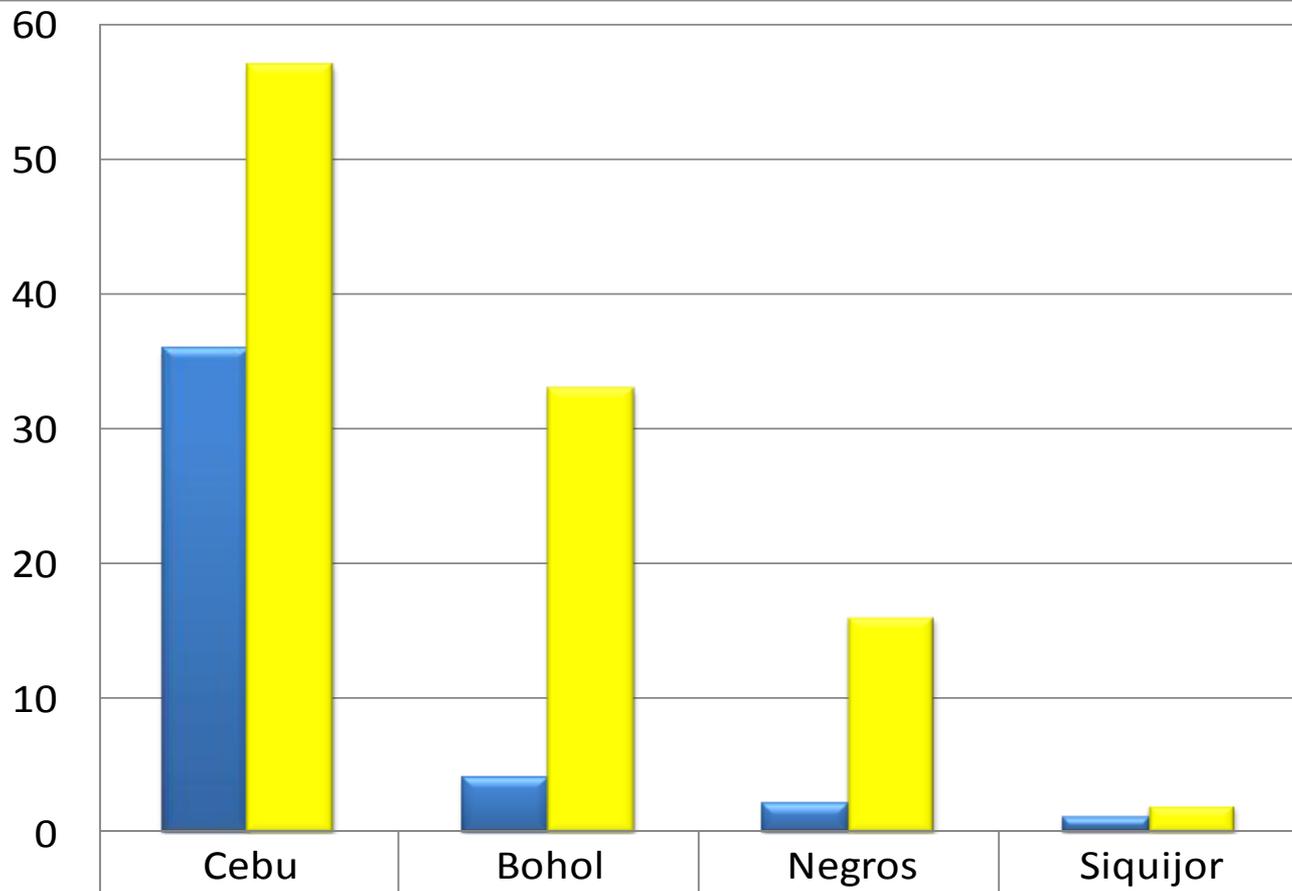
Public Hospitals



Private Hospitals

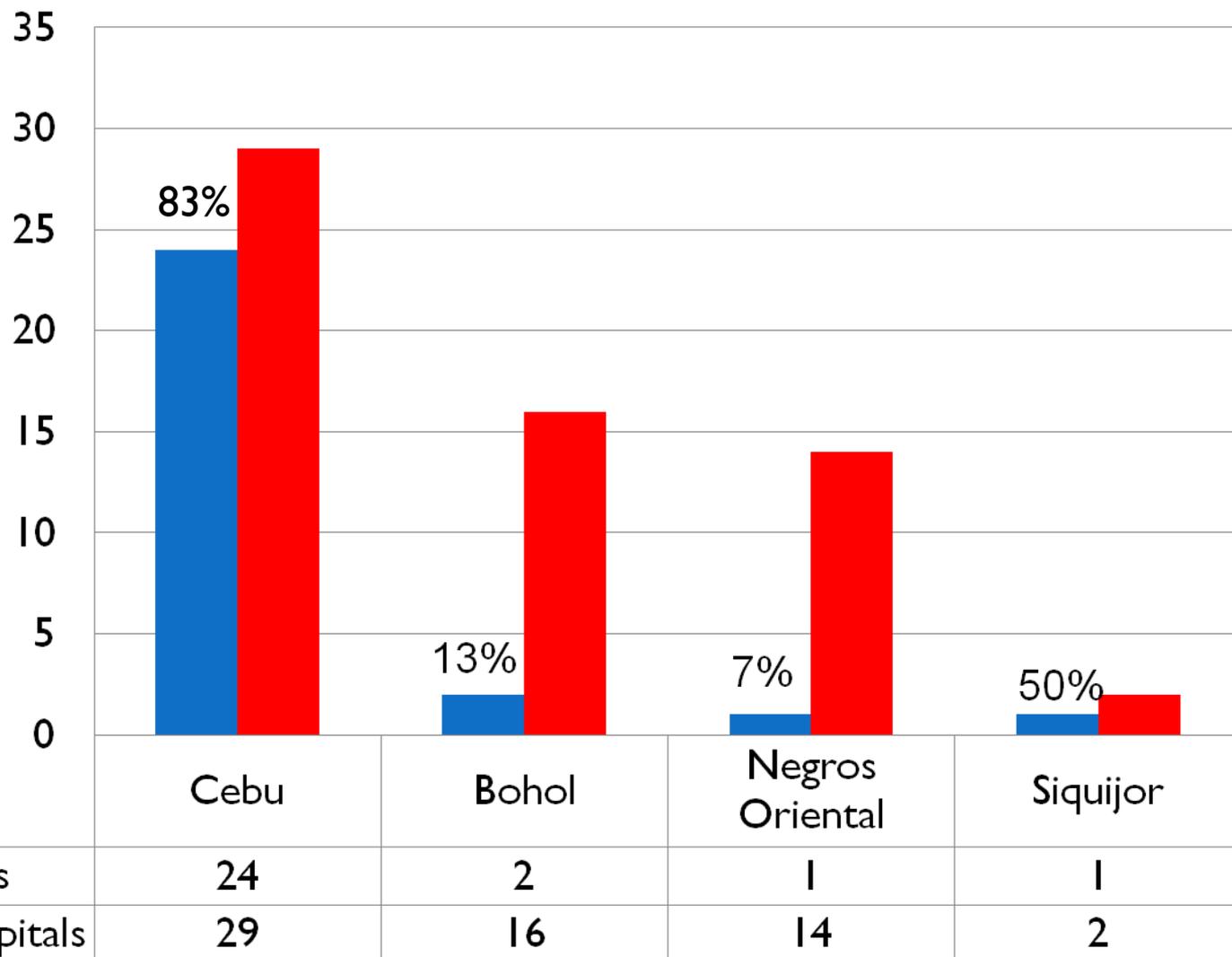


Number of Hospitals Engaged in CHD-Central Visayas



Engaged Hospitals	36	4	2	1
Total Number of Hospitals	57	33	16	2

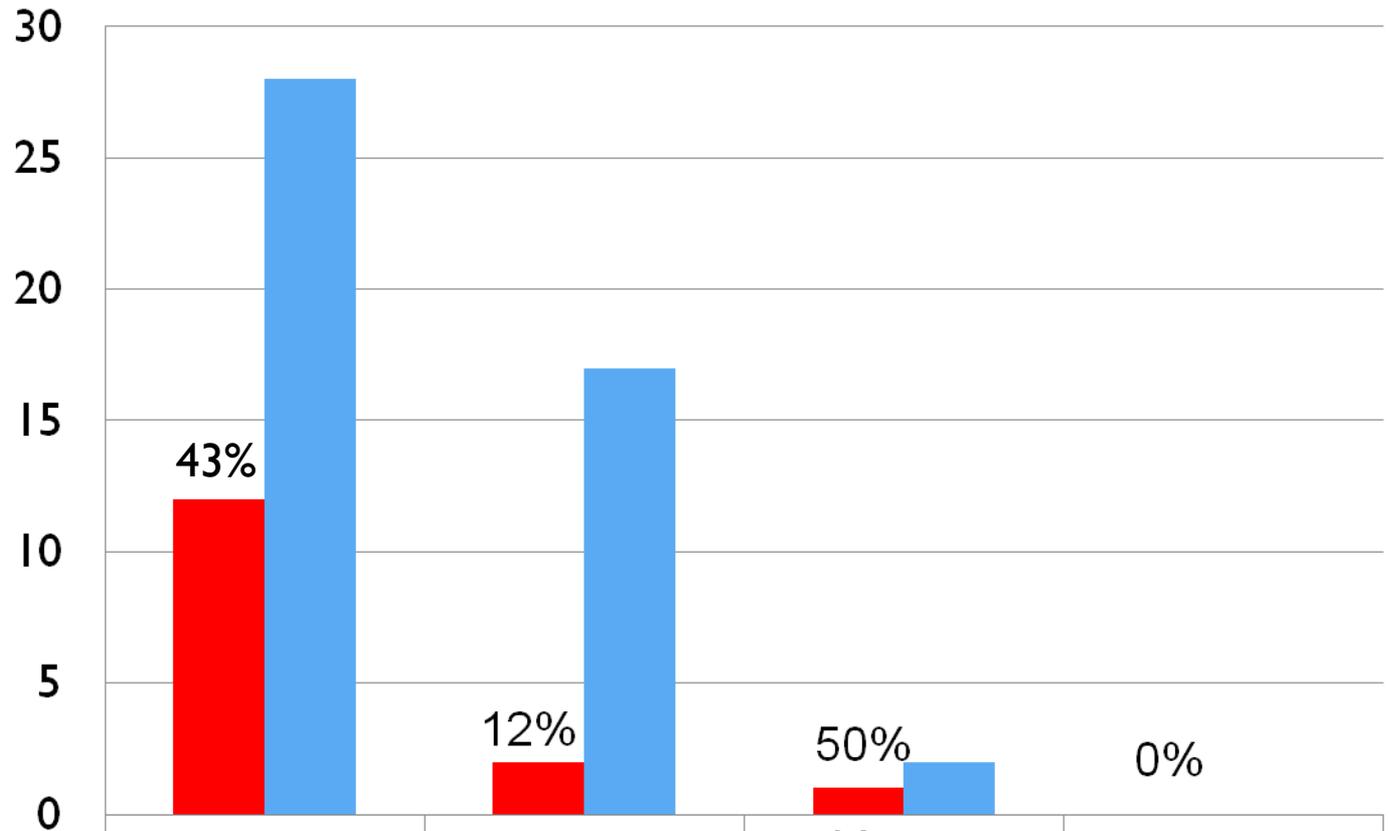
Public Hospitals



■ Engaged Hospitals

■ Total No. Of Hospitals

Private Hospitals



■ Engaged Hospitals	12	2	1	0
■ Total No. Of Hospitals	28	17	2	0

Total Cases Contributed after 2 Quarters

Negro

Ceb

**901 Cases
(6.4% of Total TB
cases notified)**

500

■ Cases

2014 Targets

- Number of presumptive TB provided DSSM: 51091
- Number of TB Cases with Treatment: 17217
- Number of Children with treatment: 3443
- Number of MDR TB patients enrolled to treatment: 176
- Number of Hospitals to be engaged: 32 (public), 24 (private)
- Number of GenXpert Sites: 4
- Number of MDR TB Treatments Sites: 4
- Number of Areas to implement PICT: Cebu City, Mandaue City, Lapulapu City, Danao City and Talisay City

Status of NTP initiatives

Policy Development:

- **Revised MOP** – for roll-out this year
- **Technical Guidelines on NTP during Disasters**
- **Hospital-DOTS Implementation** – ongoing roll-out
- **Enhanced PhilPACT, 2014-2016** ; with Subplans
- **Signed AO on TB-HIV Collaboration**

Special Studies/Researches:

- **2nd DRS** – for dissemination; April 11 (1st forum)
- **TB-DM study** – ongoing (5 hospitals)
- **Various researches on PMDT** – e.g. new regimens

Capacity Building:

- **Subnational level training on revised MOP;c/oCHDs**

Status of NTP initiatives

Monitoring and Evaluation:

- **Joint Program Review, 2013**
- **Integrated TB Info System (i-TIS) – 3 regions**

Advocacy and Promotions:

- **World TB Day – March 24 ; March 25 (DOH RO 7)**
- **National TB Day – August 19**
- **Harmonized Awarding for 2014 - December**
- **Local Recognitions**
- **House Bill 3178 - proposed by *Hon. Angelina Tan, MD***
- ongoing

STOP

TUBERCULOSIS

DOTS

THE WAY!

Directly Observed Treatment Short-Courses

THANK YOU!