

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



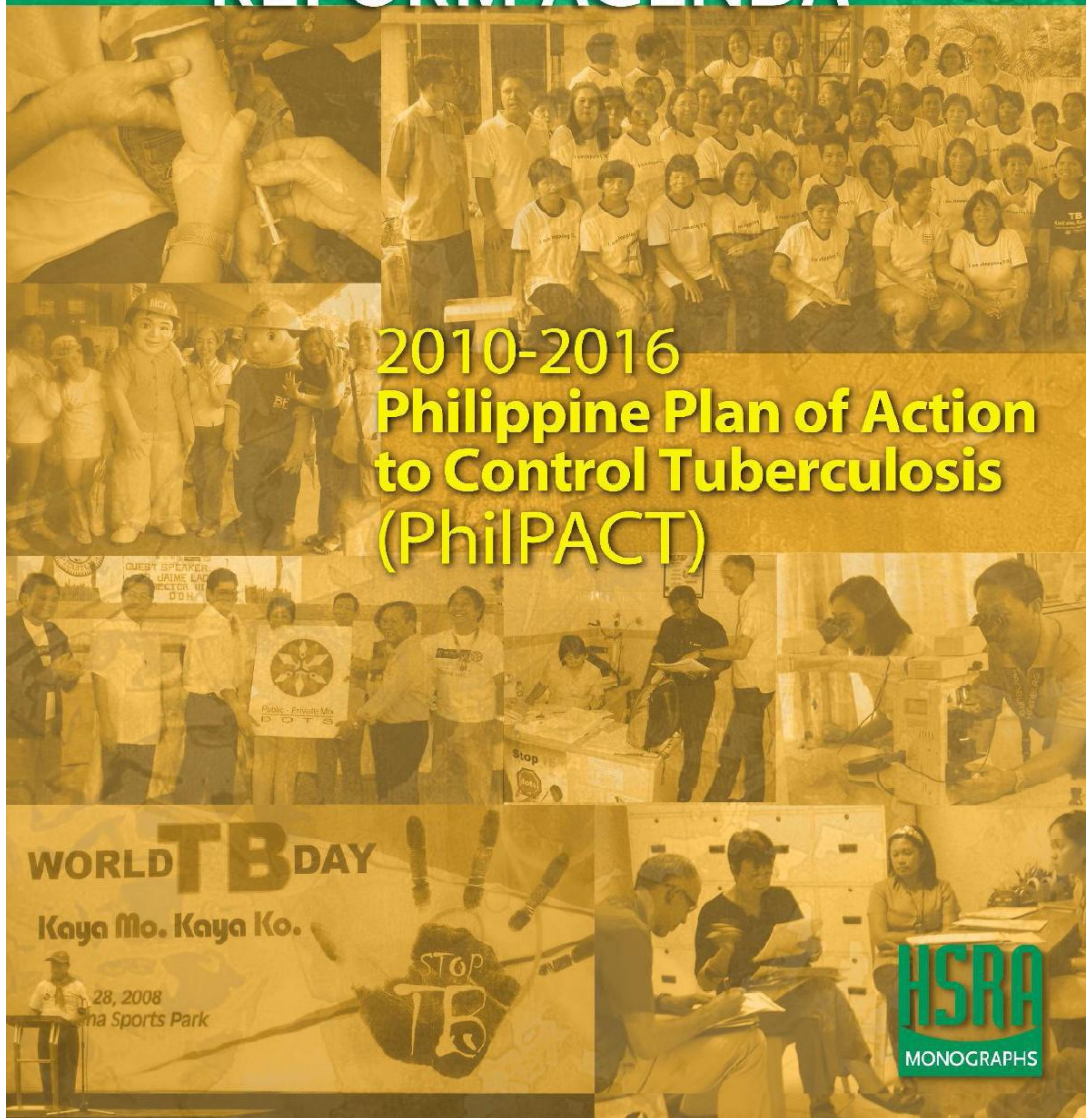
What the National TB Program is Doing?



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)

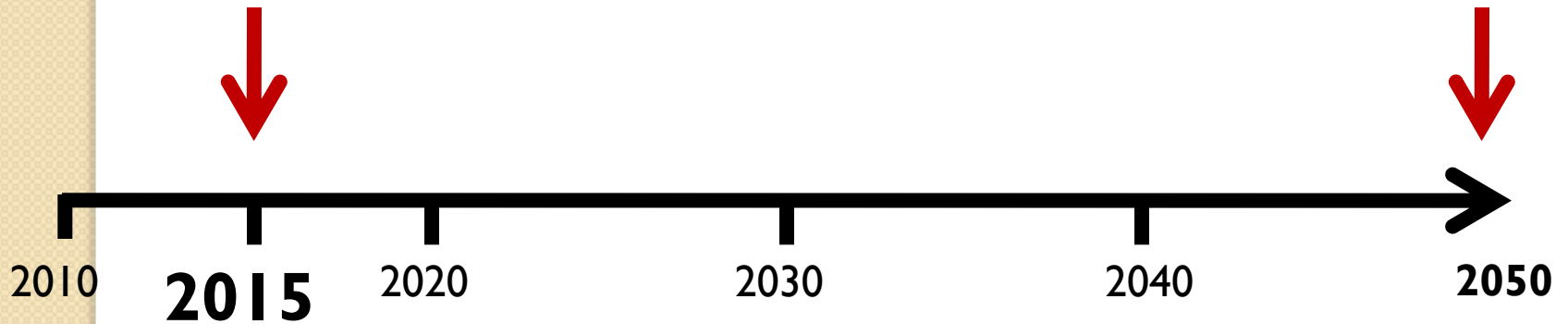
Success & cure rate: 90%

Vision

TB FREE

Philippines
1 active case per
1M population

MDGoals

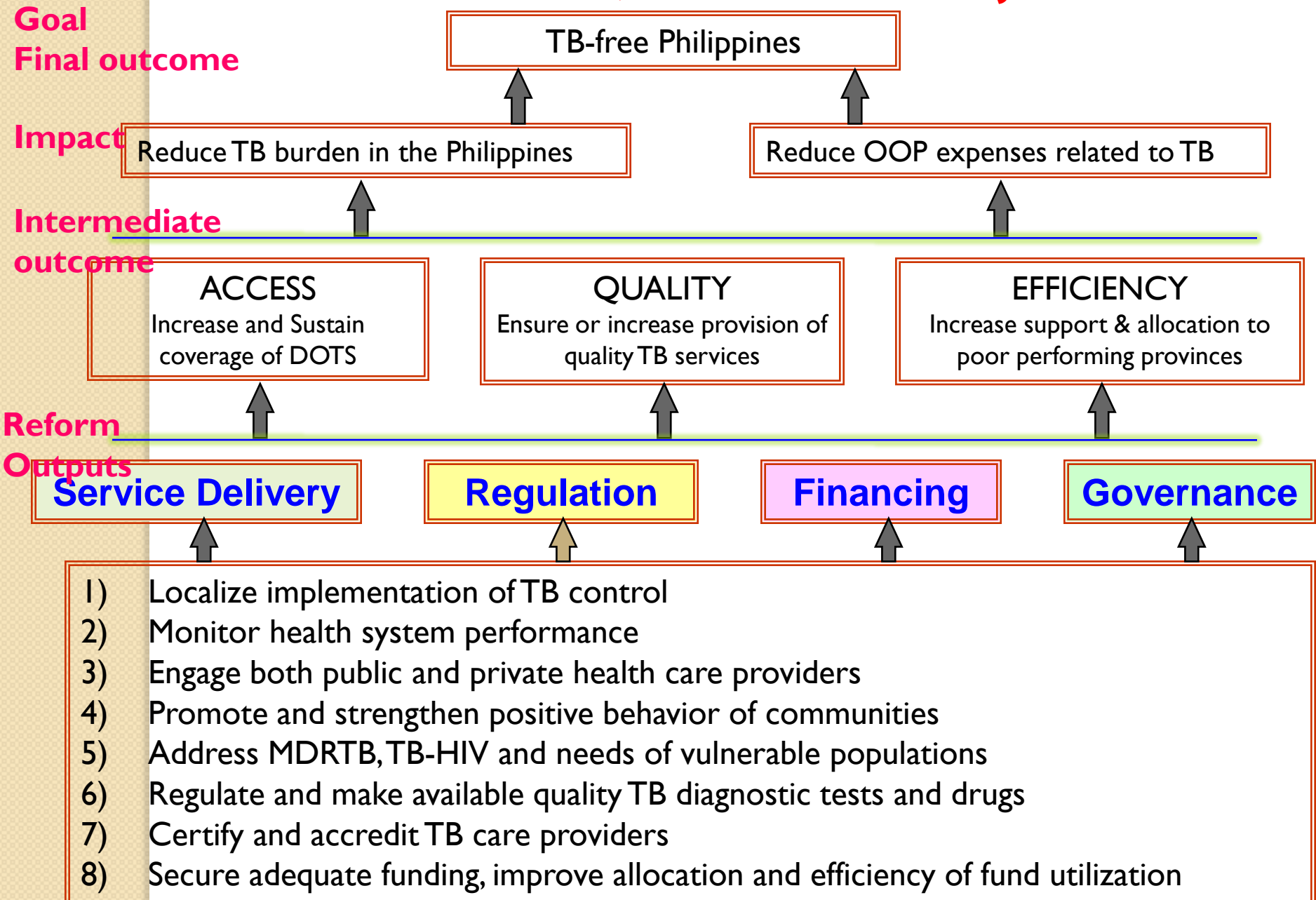


Prevalence rate
500/100,000

Death rate
29/100,000

Post-MDG Targets:

The Plan's Vision, Goal and Objectives



Objectives and strategies

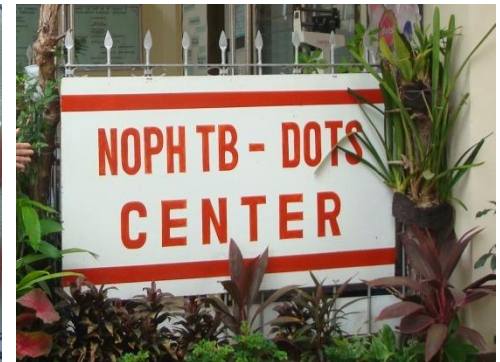
OBJECTIVE	STRATEGY
Reduce local variation in TB control program performance	1. Localize implementation of TB control 2. Monitor health system performance
Scale up and sustain coverage of DOTS implementation	3. Engage both public and private health care providers 4. Promote and strengthen positive behaviour of the communities 5. Address MDR-TB, TB/HIV, and needs of vulnerable population
Ensure provision of quality TB services	6. Regulate and make available quality TB diagnostic tests and drugs 7. Certify and accredit TB care providers
Reduce out-of-pocket expenses related to TB	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)

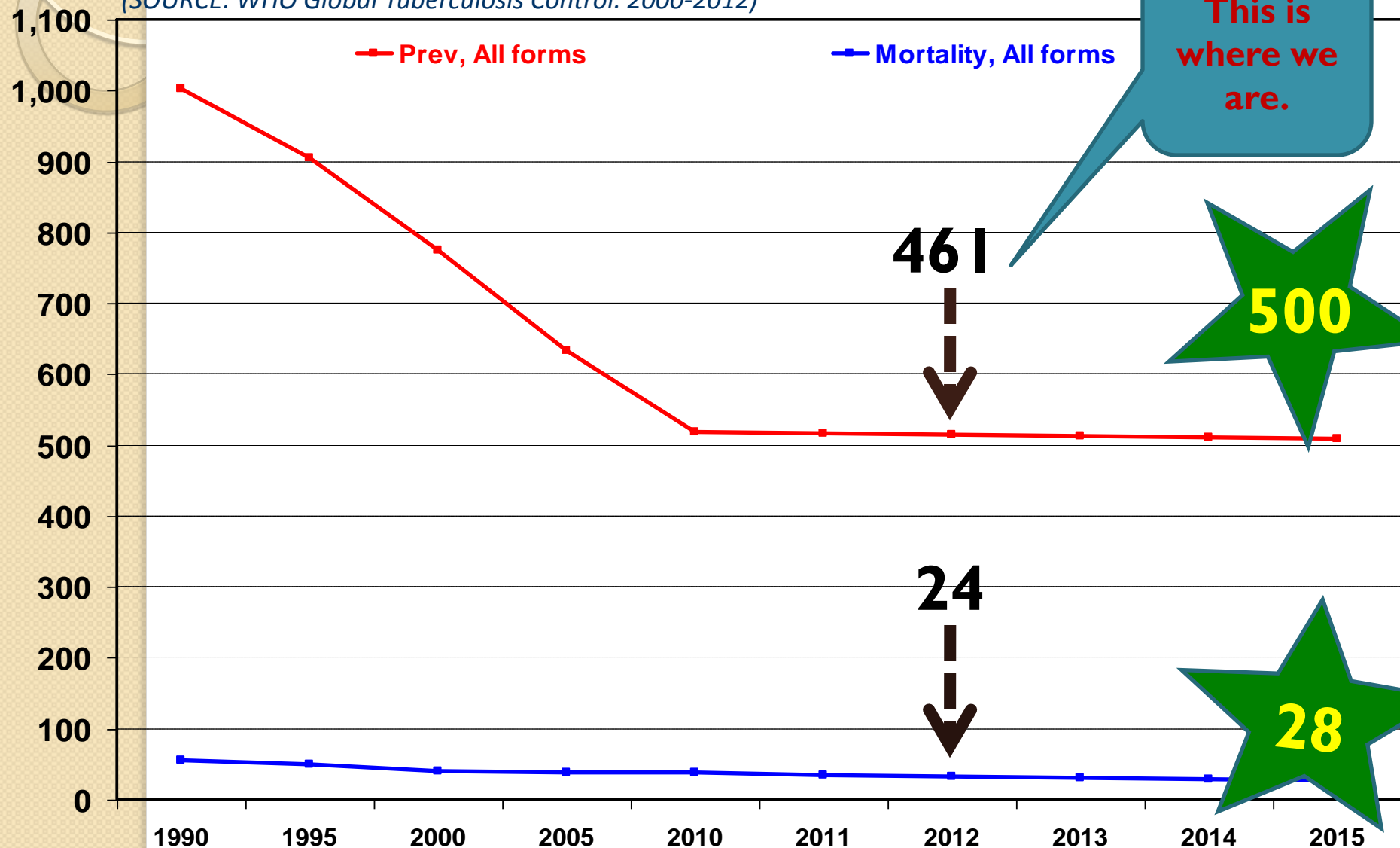
Case Detection Rate: 85%

Cure Rate: 85%

Treatment Success Rate: 90%

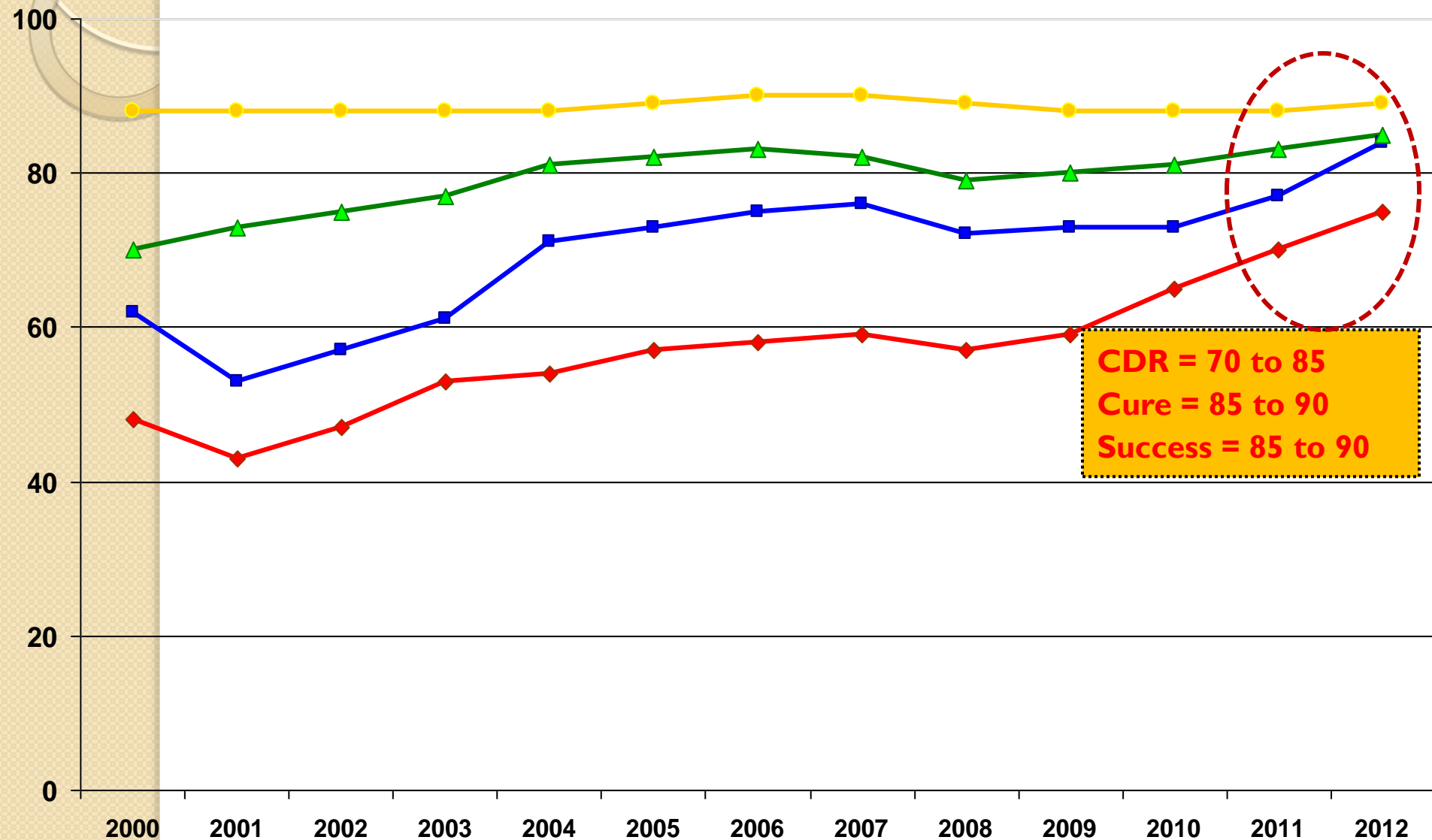
Prevalence and Mortality Rates - Philippines, 1990 - 2015 (per 100,000 population)

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

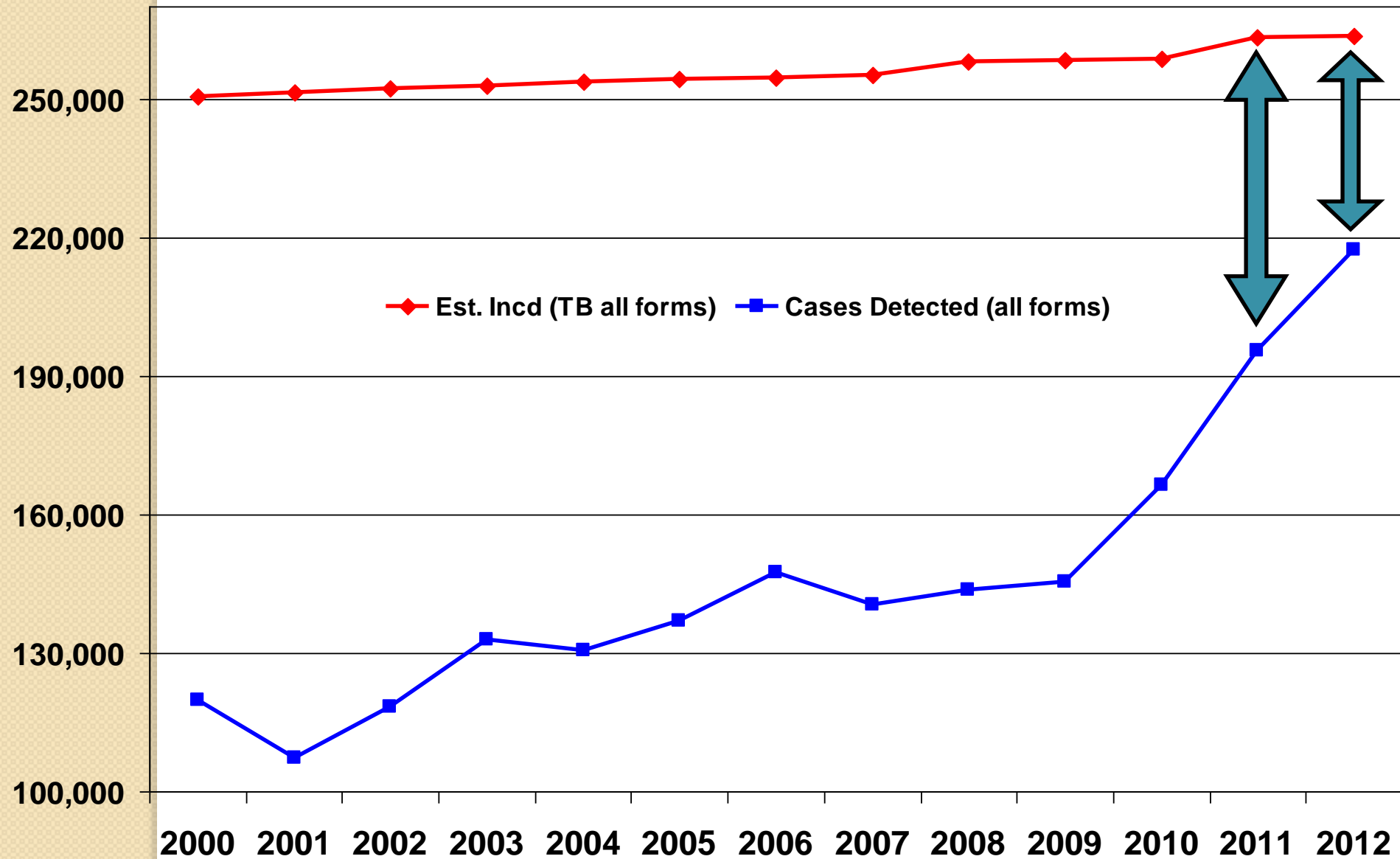


National Program Indicators

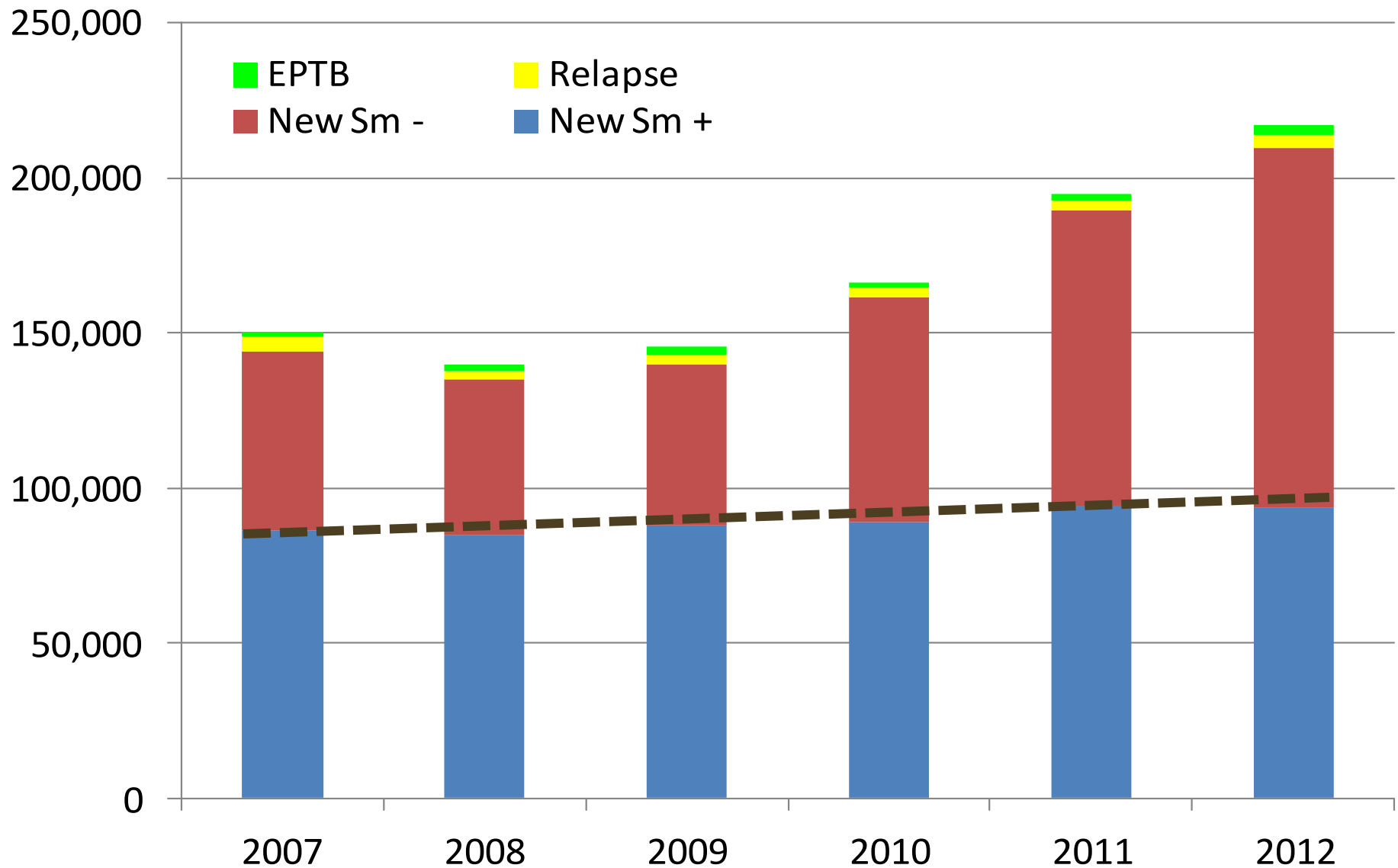
◆ CDR, All forms ■ CDR, New Sm+ ▲ Cure Rate ● Success Rate



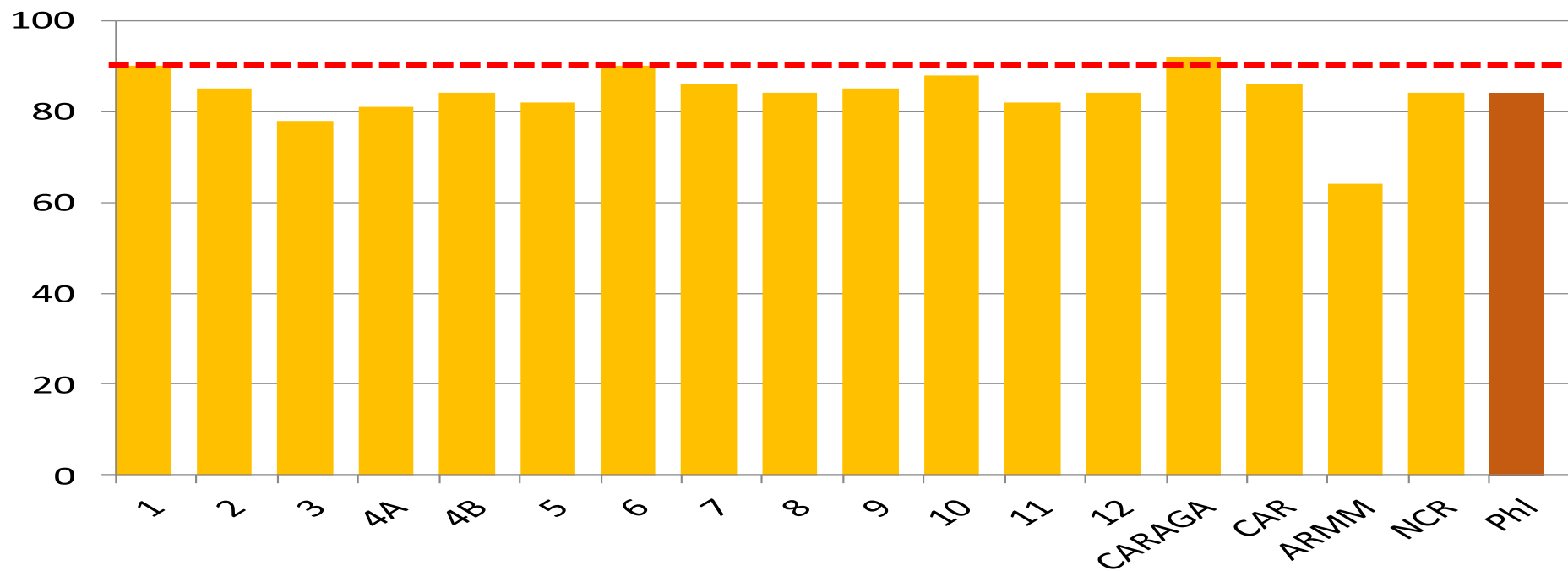
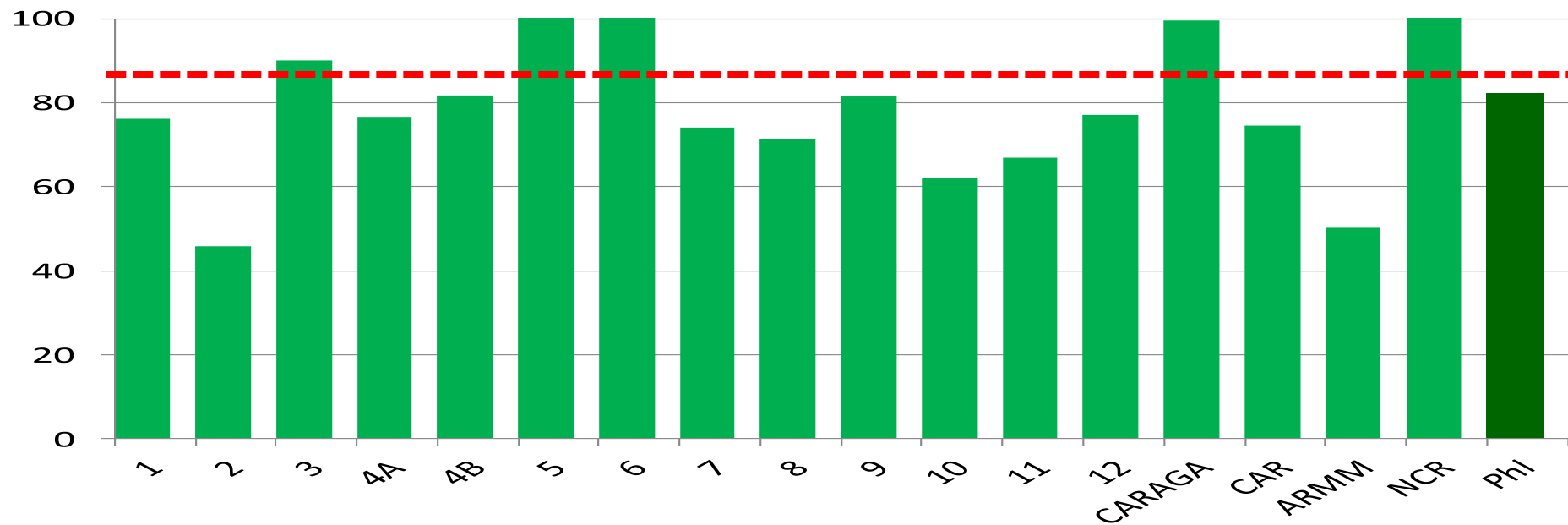
Case Detection of All Forms of TB, 2000-2012



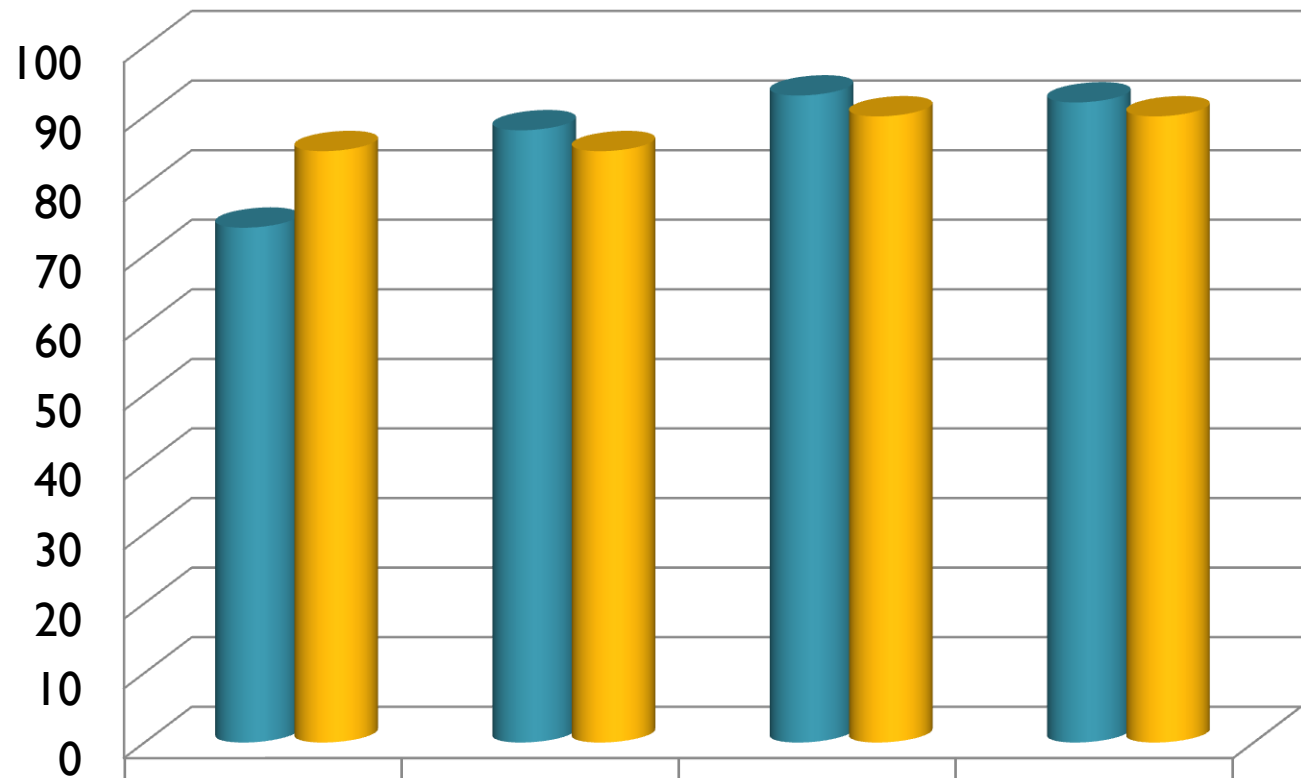
TB Cases All Forms - By Types, 2007 - 2012



CDR and Cure Rates by CHDs, 2012



2013 NTP Data (Central Visayas)



■ Accomplishment	74	88	93	92
■ Target	85	85	90	90

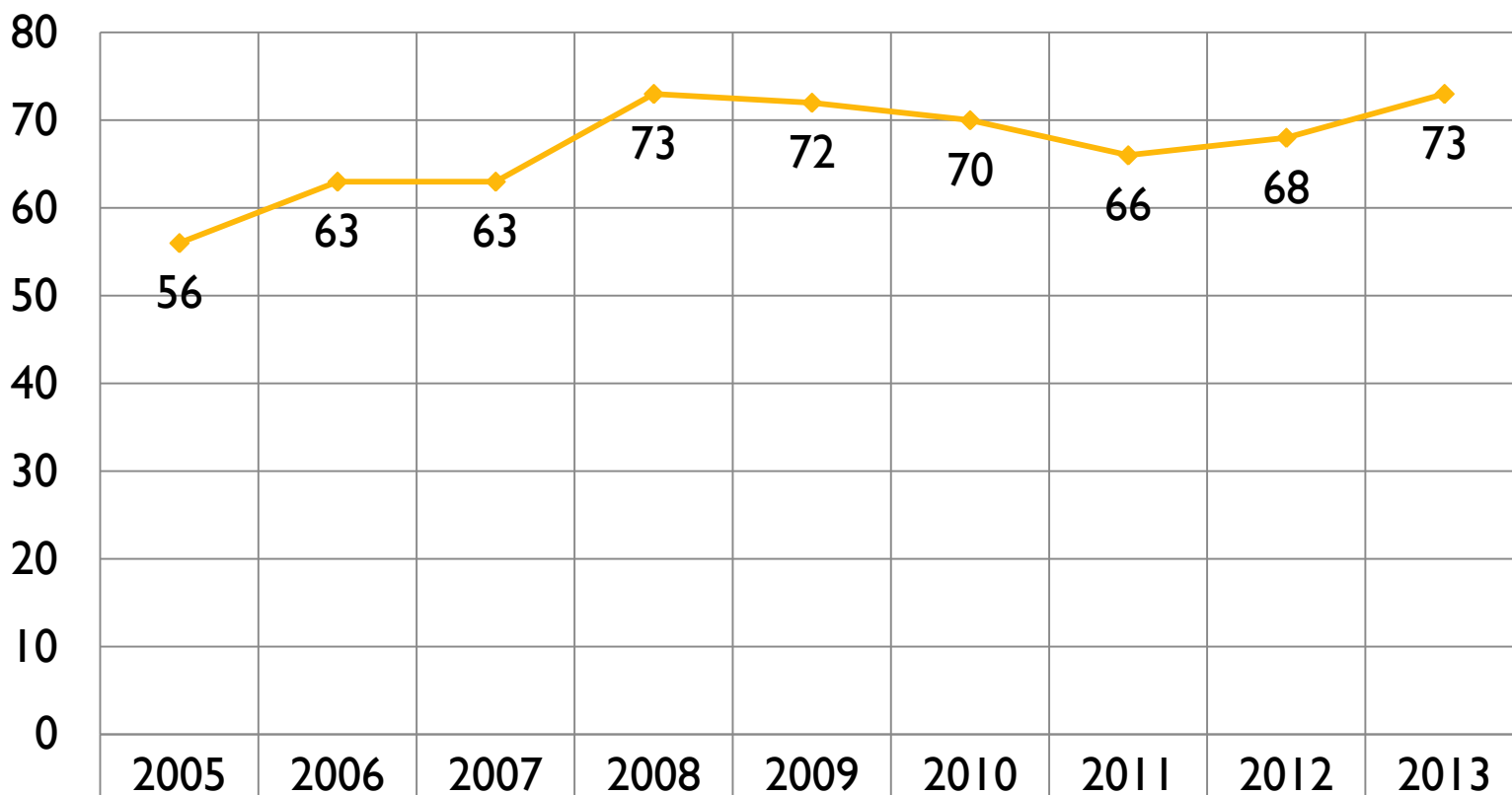


CASE FINDING

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

CDR - All forms

Axis Title



CDR - All forms

56

63

63

73

72

70

66

68

73

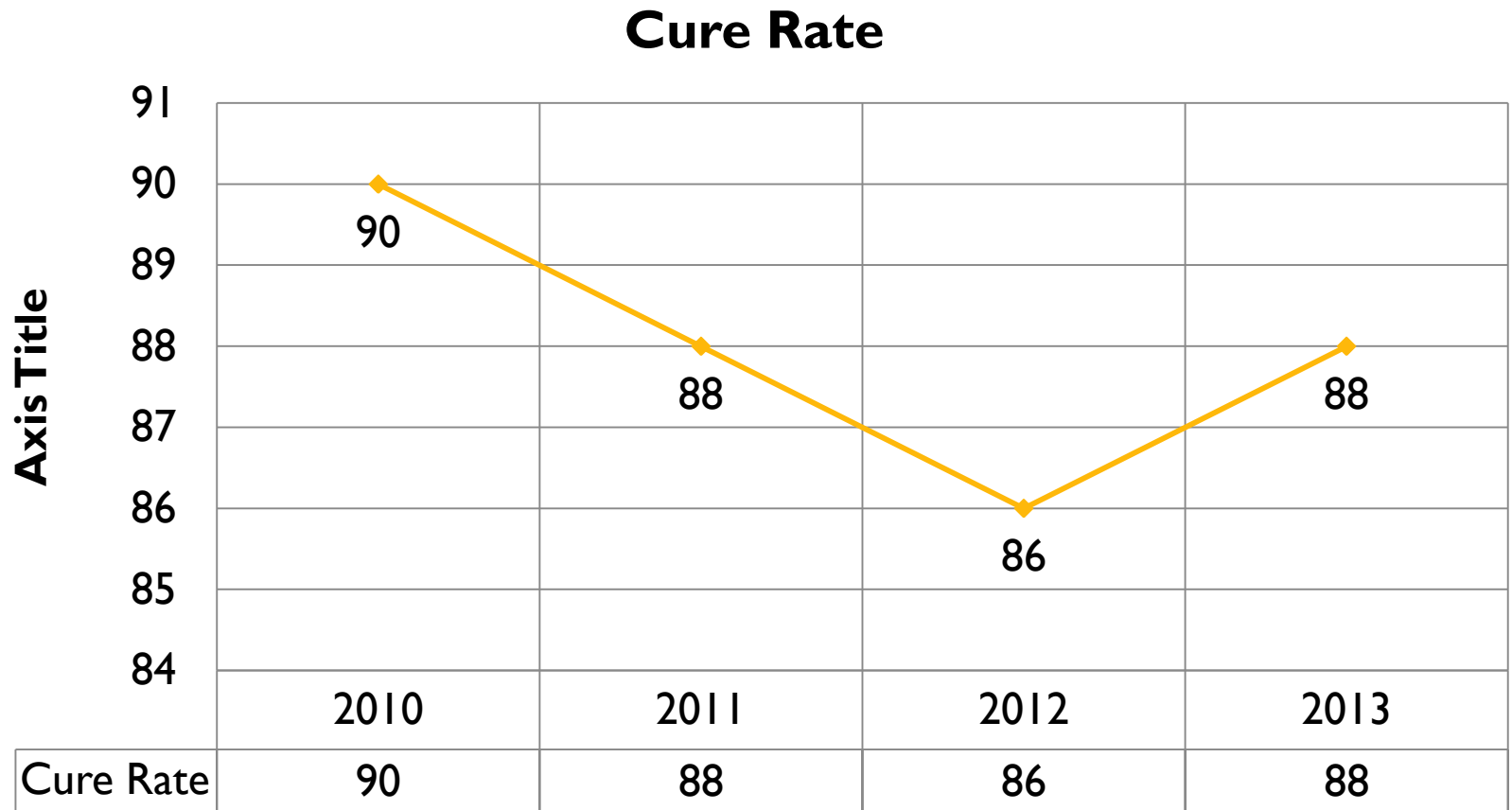


CASEHOLDING

Program Indicators:

Cure Rate

2010-2013

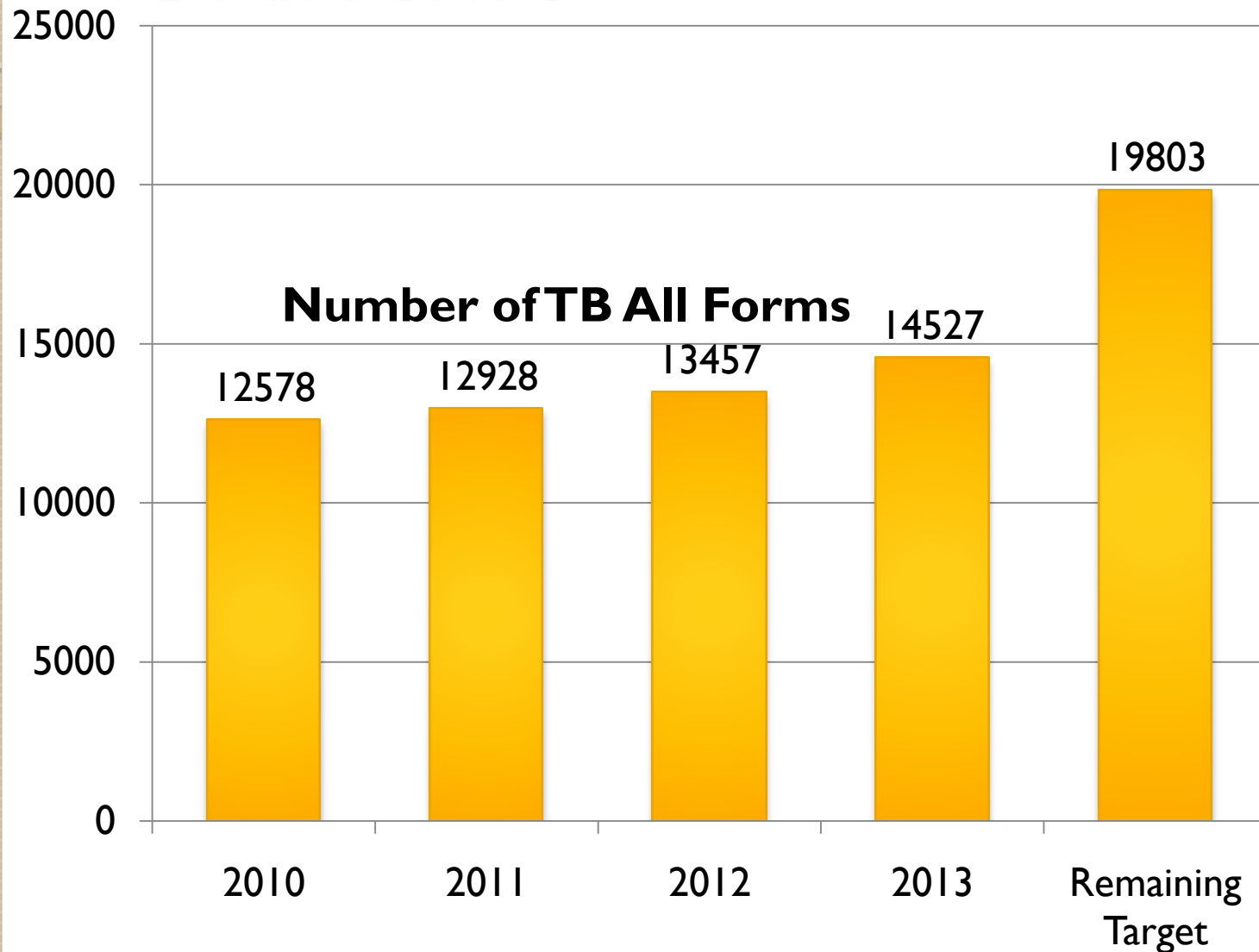




- Thank you

PhilPACT Beneficiaries

TB All Forms





STATUS OF HOSPITAL ENGAGEMENT

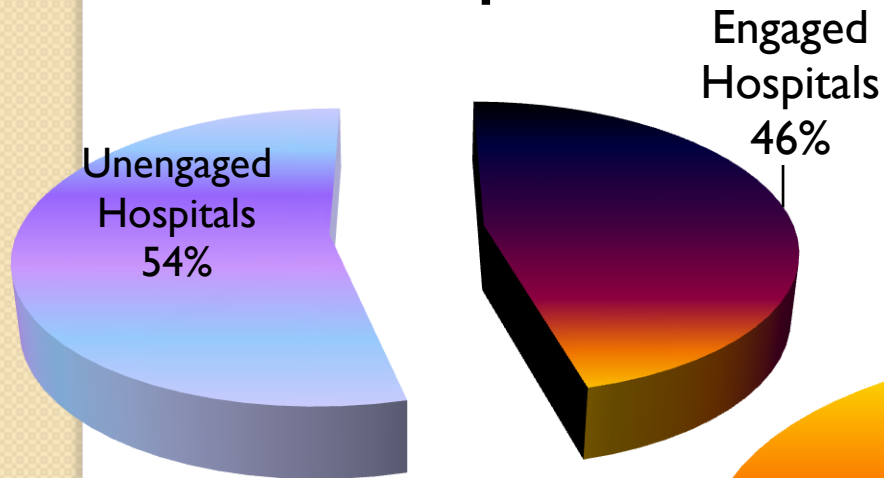
National Targets:

90% of Public Hospitals

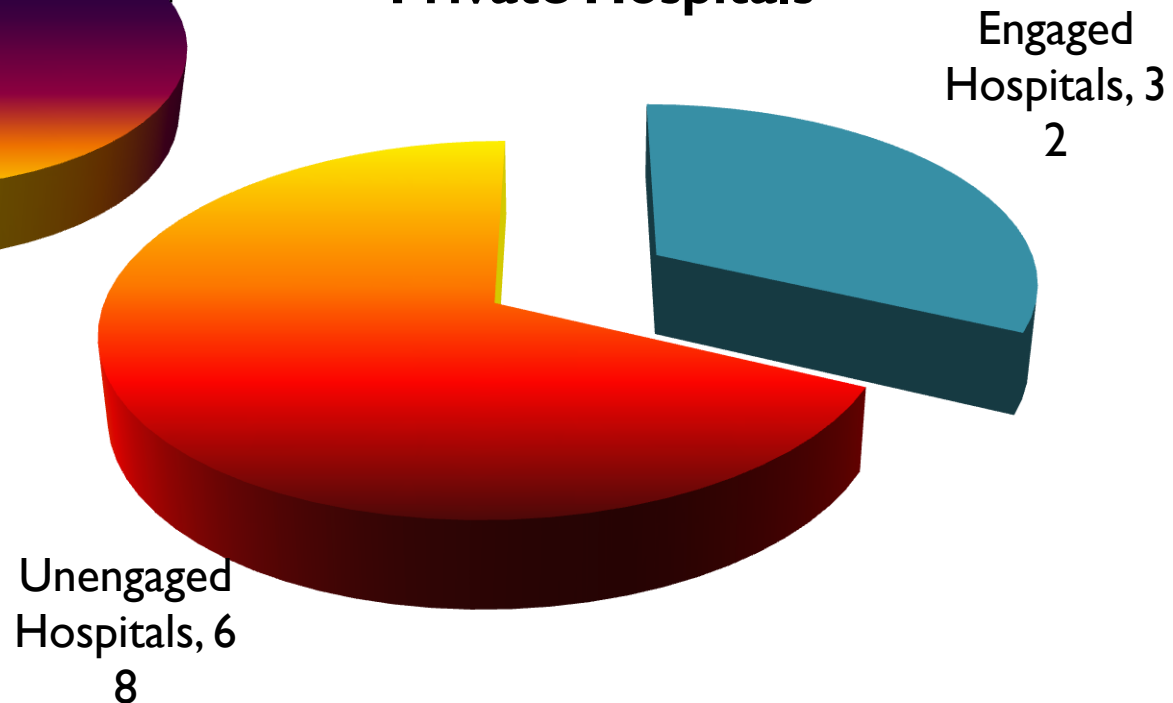
60% of Private Hospital

Percentage of Hospital Engagement in Enhanced Hospital DOTS Referral System

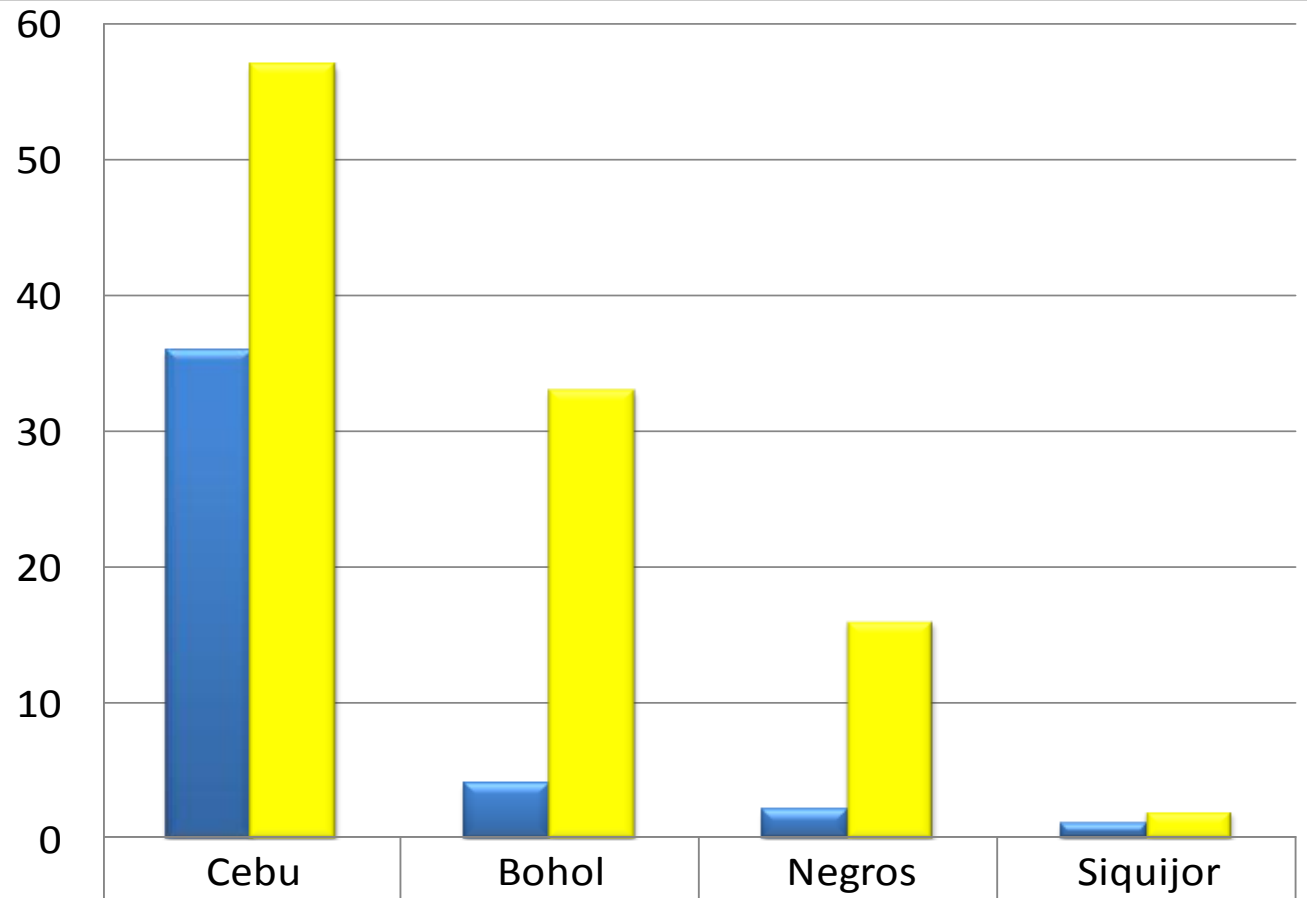
Public Hospitals



Private Hospitals

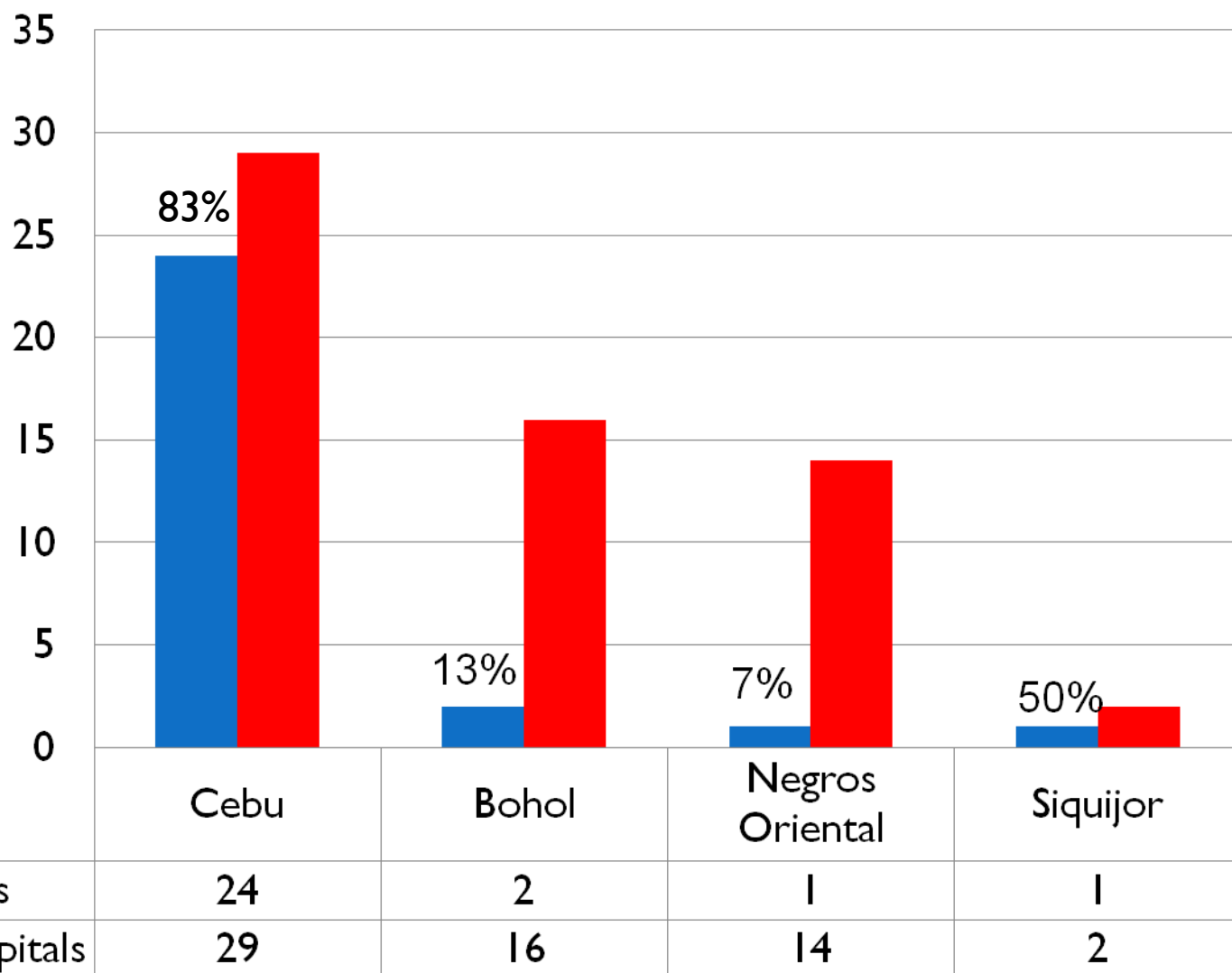


Number of Hospitals Engaged in CHD-Central Visayas

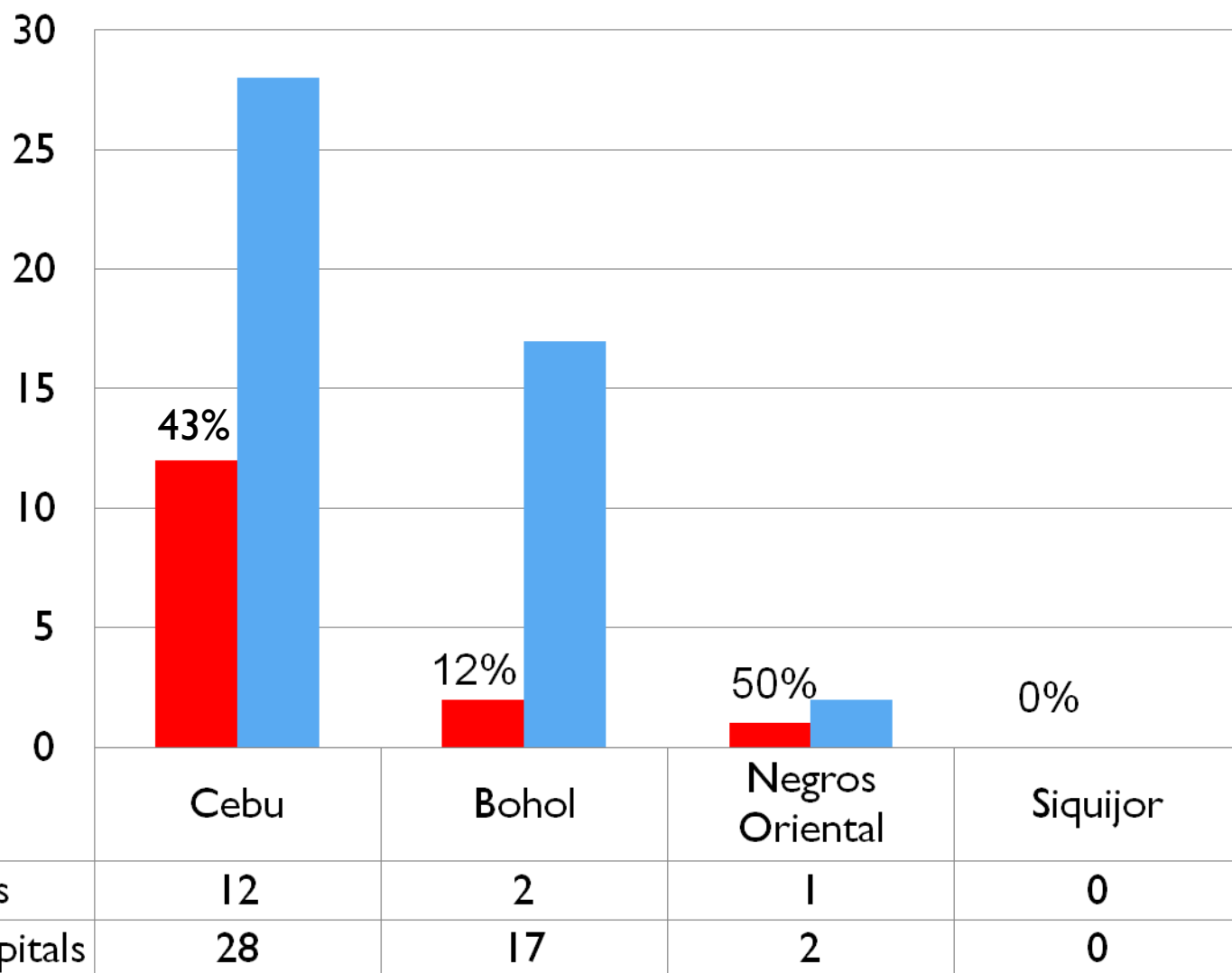


Engaged Hospitals	36
Total Number of Hospitals	57

Public Hospitals



Private Hospitals



■ Engaged Hospitals

■ Total No. Of Hospitals

Total Cases Contributed after 2 Quarters

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

■ Cases

500

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/o CHDs

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-Course

THANK YOU!