



# CALAMBA CITY

## TB SITUATION and GOOD PRACTICES NATIONAL TUBERCULOSIS CONTROL PROGRAM

*July 4, 2014*

*Hotel H2O, Manila*



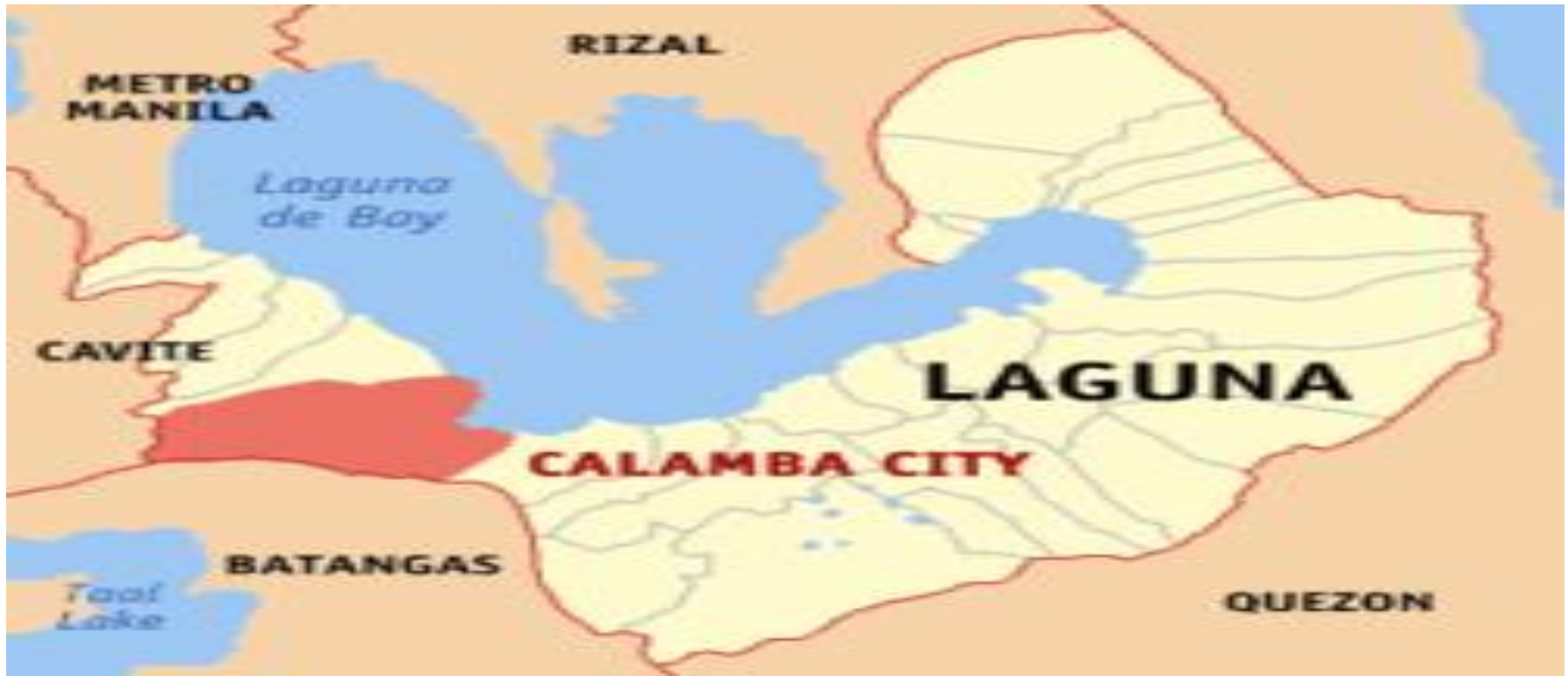
**MAYOR**  
**TIMMY**  
**CHIPECO**



**RIZAL MONUMENT**  
CALAMBA, LAGUNA



# Region IV-A (CaLaBaRZon)



\*Around 144 km<sup>2</sup> in land area, Calamba City is **the 2nd largest city in Laguna** province in terms of land area after San Pablo City.

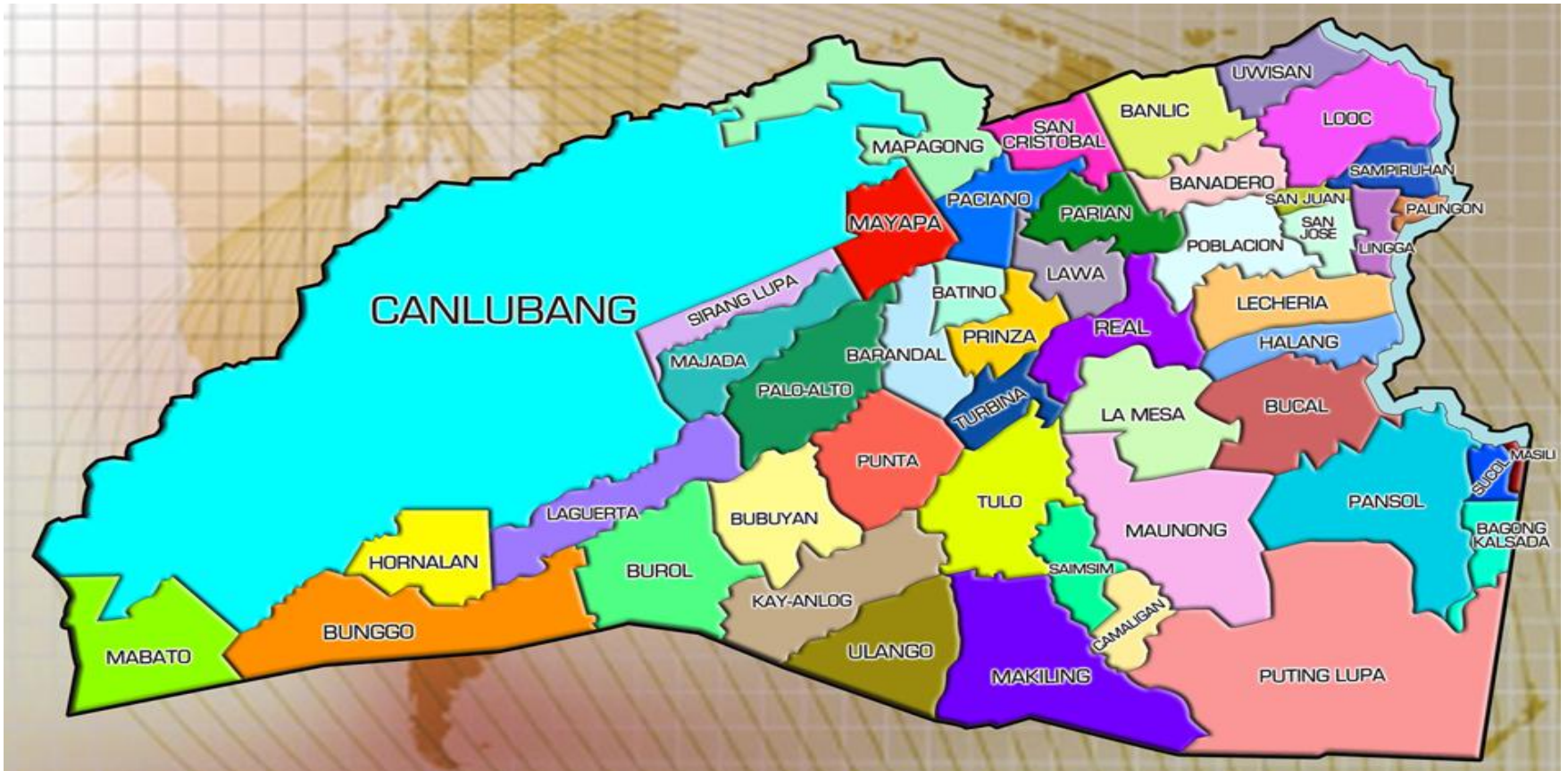
\***Hometown of Dr. Jose P. Rizal**



Province of Laguna

# CALAMBA CITY MAP

54 barangays  
58 Brgy. Health Stations  
Population 436,545



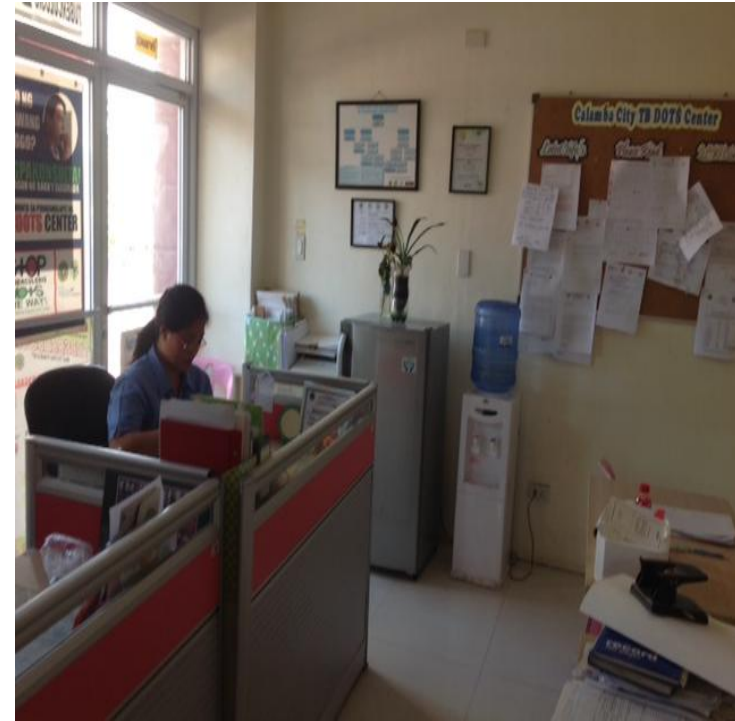




**DOH Certified  
Philhealth Accredited - 2009  
EQA –quarterly monitored**



**Waiting / consultation area**



**NTP Office**







Induction area / Wash area ( located at the back of the facility)



**NTP Stock room (2<sup>nd</sup> floor)**



# NTP LABORATORY



Smearing area, staining area and  
microscopy center (2<sup>nd</sup> floor)



Department of Health  
National Center for Disease Prevention  
And Control  
Infectious Disease Office



Philippine Coalition  
Against Tuberculosis  
(PHILCAT)



Center for Health Development  
Region IV-A  
(CALABARZON)



De La Salle Health Sciences  
Institute  
(DLSHSI)

## Certification

as

**DOH—PHILCAT CERTIFIED TB DOTS CENTER**

*is given to*

**CALAMBA CITY HEALTH OFFICE TB DOTS CENTER  
(LAGUNA PROVINCE)**

for having successfully completed the standard requirements of quality TB DOTS services

NESTOR F. SANTIAGO JR., MD, MPH,  
MHSA, CESO III  
RCC-NTP Chairman  
Center for Health Development IV-A

*December 11, 2013*

Date of issue

DOH-PhilCAT Certified DOTS Center No.

**051**

*Valid until December 11, 2018*

VICTORIA B. DALAY, MD  
RCC-NTP Co-Chairman  
De La Salle Health Sciences Institute



## CERTIFICATE OF ELIGIBILITY TO PARTICIPATE

The Philippine Health Insurance Corporation  
hereby grants

Basic Participation

to

**CALAMBA CITY HEALTH OFFICE TB DOTS  
CENTER**

Barretto St. Brgy. 7 Calamba, Laguna  
in the National Health Insurance Program as a

**TB DOTS Package Provider**

This certificate shall be valid from January 1, 2014 to  
December 31, 2014 unless otherwise suspended or revoked earlier.

Granted this 14<sup>th</sup> of February, 2014 at Lucena City, Philippines

ALBERTO C. MANDURIAO  
Regional Vice President  
PhilHealth Regional Office 4A

Attestation No.

**T00609**



# Calamba CHO TB DOTS Core Team



**ADELINO C. LABRO MD, FPCOM**

OIC-City Health



**RODRIGO B. ESGUERRA MD**

Program Medical Coordinator



**MYRNA D. ONTE RN,MAN**

Nurse III



**VERDEANO C. PAR RMT**

Medtech II



**VIRGINIA L. RAPUET RN**

Nurse II



**LAUREANO B. ESGUERRA**

Microscopist



**ROSALINDA J. RODRIGUEZ RM,RN**

Nurse I



**LILY P. BANALAN**

Microscopist



**EMELITA G. ABANILLA**

Midwife



**ALMA RODRIGUEZ**

ILW

# FACILITY DIRECTORY

*Office:* **CITY HEALTH OFFICE**

*Name of Facility:*

**CALAMBA CHO TB-DOTS CENTER**

*Address:*

**Poblacion, Brgy. Siete, Calamba City**

**Tel no. (049) 545-6597 Cp# 0923- 8515590**



# Services

Free Sputum Examination



# Services

Screened and enrolled adults for TB treatment



**NTP Treatment Card**

TB Case Number		Date the Card is Opened		Region/Province/City		Name of DOTs Facility	
		Month day year					
Name of Patient				Occupation	Age	Sex	Contact Number
Address:				BCG Scar		Yes <input type="checkbox"/> No <input type="checkbox"/> Doubtful <input type="checkbox"/>	
Name/Relationship/Address of Contact Person				Contact Number			
Source of Patient: <input type="checkbox"/> Public <input type="checkbox"/> Private		History of Anti-TB Drug Intake: <input type="checkbox"/> No <input type="checkbox"/> Yes				No. of Household contacts: <input type="checkbox"/> < 10 yrs. old <input type="checkbox"/> ≥ 10 yrs. old	
Name of Referring Physician:		Specify drug When _____ Where _____		Smear Status			
Classification of TB: <input type="checkbox"/> Pulmonary <input type="checkbox"/> Extra-pulmonary, specify site _____				Category (enrich): I. ZHRZE/HR New Case 1. Smear (+) 2. Seriously ill 2.1 Smear (-) with extensive parenchymal lesions as assessed by the TBDC 3. Extra pulmonary		II. ZHRZE/HRZE/HRPE 1. Relapse 2. Treatment failure 3. Return After Default (RAD) 4. Other (smear +) III. ZHRZE/HRZE New Case 1. Smear (-) with minimal parenchymal lesions as assessed by the TBDC	
Type of Patient: <input type="checkbox"/> New <input type="checkbox"/> Return After Default (RAD) <input type="checkbox"/> Relapse <input type="checkbox"/> Treatment failure <input type="checkbox"/> Transfer-in <input type="checkbox"/> Other				Sputum Examination Results/Weight Record			
				Treatment started: month day year			
Month				Due Date	Date Examined	Result	Weight (kg)
0							
1							
2							
3							
4							
5							
6							
7							
Chart X-ray result (if applicable):				TBDC findings and recommendations:			
Name of treatment partner:				Designation of treatment partner:			





# Services

Free Anti TB Drugs for Adults



# Services

Screened Children for Free  
Tuberculin Skin Test





**NTP TREATMENT CARD FOR CHILDREN 0-6 years old**

TS CASE NUMBER: 117 DATE THE CARD WAS OPENED: month/year REGION/COUNTRY: INDONESIA NAME OF HEALTH FACILITY: ...

NAME OF PATIENT: ... Birthdate: ... Age: ... Sex: ... Height: ... BCG Scar: ☐ Yes ☐ No ☐ Doubtful

COMPLETE ADDRESS: ... NAME/RELATIONSHIP/ADDRESS OF CONTACT PERSON: ... TEL. NO. OF CONTACT PERSON: ...

SOURCE OF PATIENT: ☐ PAID ☐ FREE History of anti-TB drugs intake: ☐ No ☐ Yes (specify date, drug, dose, frequency, when) ☐ No ☐ Yes (specify date, drug, dose, frequency, when)

Name of Referring Physician: ... CLASSIFICATION OF TB DISEASE: ☐ Primary ☐ Secondary (specify site) TYPE OF TB PATIENT: ☐ New ☐ Relapsed ☐ Treatment Failure ☐ Other

DIAGNOSTIC TESTS: 1. Tuberculin Skin Test (TST): Result: ... Date read: ... 2. CXR Findings: Date exam: ... 3. Other exam: Date exam: ... 4. DOST Results Record: Month, Day, Date, Date Examined, Result

DIAGNOSIS: ☐ TB DISEASE Children 0-6 years old ☐ TB INFECTION for IPT ☐ TB EXPOSURE for IPT

CLINICAL EXAMINATION BEFORE AND DURING TREATMENT: ☒ present, ☐ if absent, draw horizontal line if not applicable or write specific signs or symptoms

DRUGS: Dosages and Preparations

	Initial	1 week	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Isoniazid (H) 50mg (200mg/5ml)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rifampicin (R) 150mg (200mg/5ml)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pyrazinamide (Z) 250mg (200mg/5ml)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ethambutol (E) 250mg (400mg/160)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bromhexone (B) 15mg (150mg/100ml)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Notes: \* Always include cough syrup, syrup, or other TB drugs. \* Always include, but only if indicated. \* Always include, but only if indicated. \* Always include, but only if indicated.



# Services

Free Anti TB Drugs for Children





- **VISION: A TB Free Calamba**
- **MISSION:** To sustain an effective TB prevention and control program through strong public-private partnership and strict policy enforcement and monitoring
- **GOAL:** To reach at least 96% case detection rate (CDR) and treatment success rate (TSR) in 54 barangays

# NTP Partners

- DOH/ RO IV-A
- PHO
- Treatment Centers
- PhilCat
- Culion Foundation Inc.
- **IMPACT**- The Innovations and Multi-sectoral Partnerships to Achieve Control of TB
- GOs/ NGOs
- Philhealth

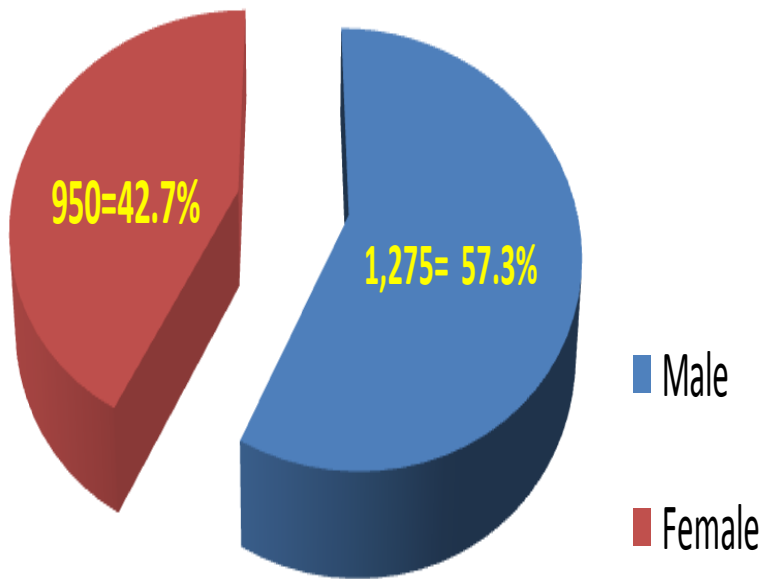




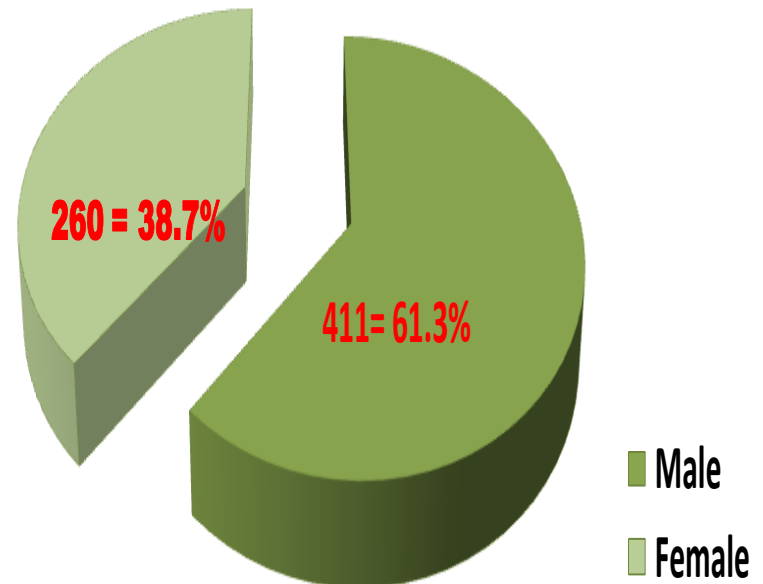
**Accomplishment**

# Laboratory Accomplishments on NTP activities

Number of TB symptomatics examined (male vs. female)  
**2013**



Number of Smear Positive Detected  
**2013**

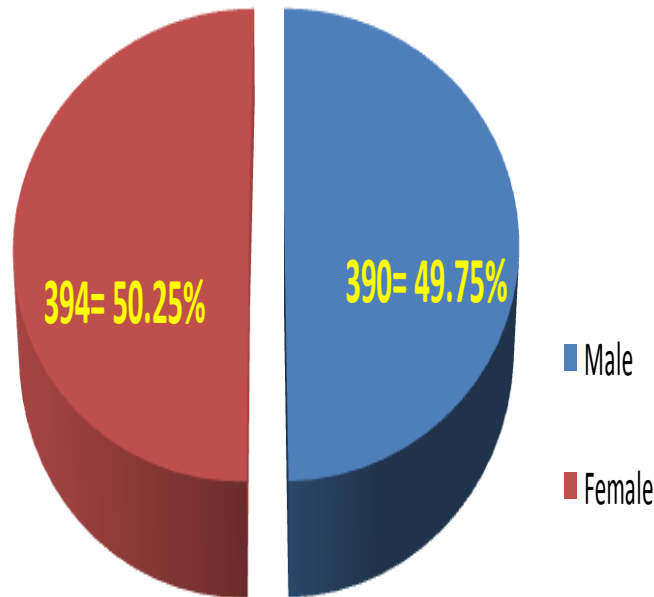




# Laboratory Accomplishments on NTP activities

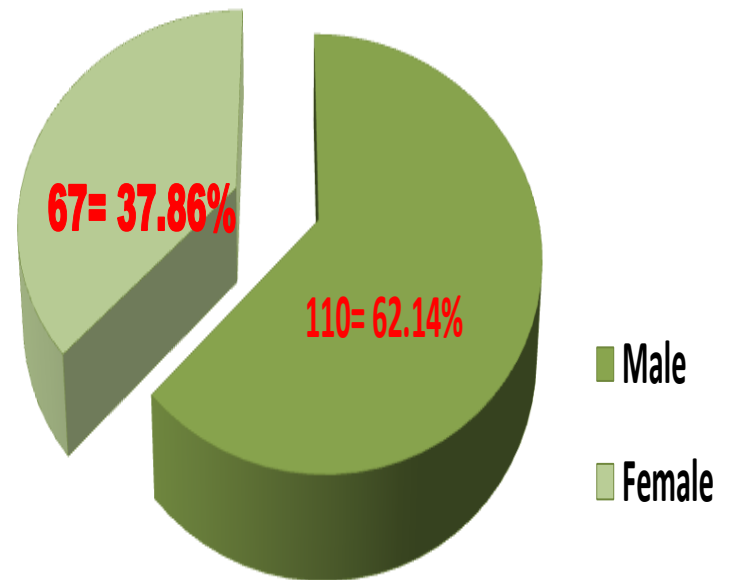
Number of TB symptomatics examined (male vs. female)

**1st - 2nd qtr 2014**



Number of Smear Positive Detected

**1st - 2nd qtr 2014**

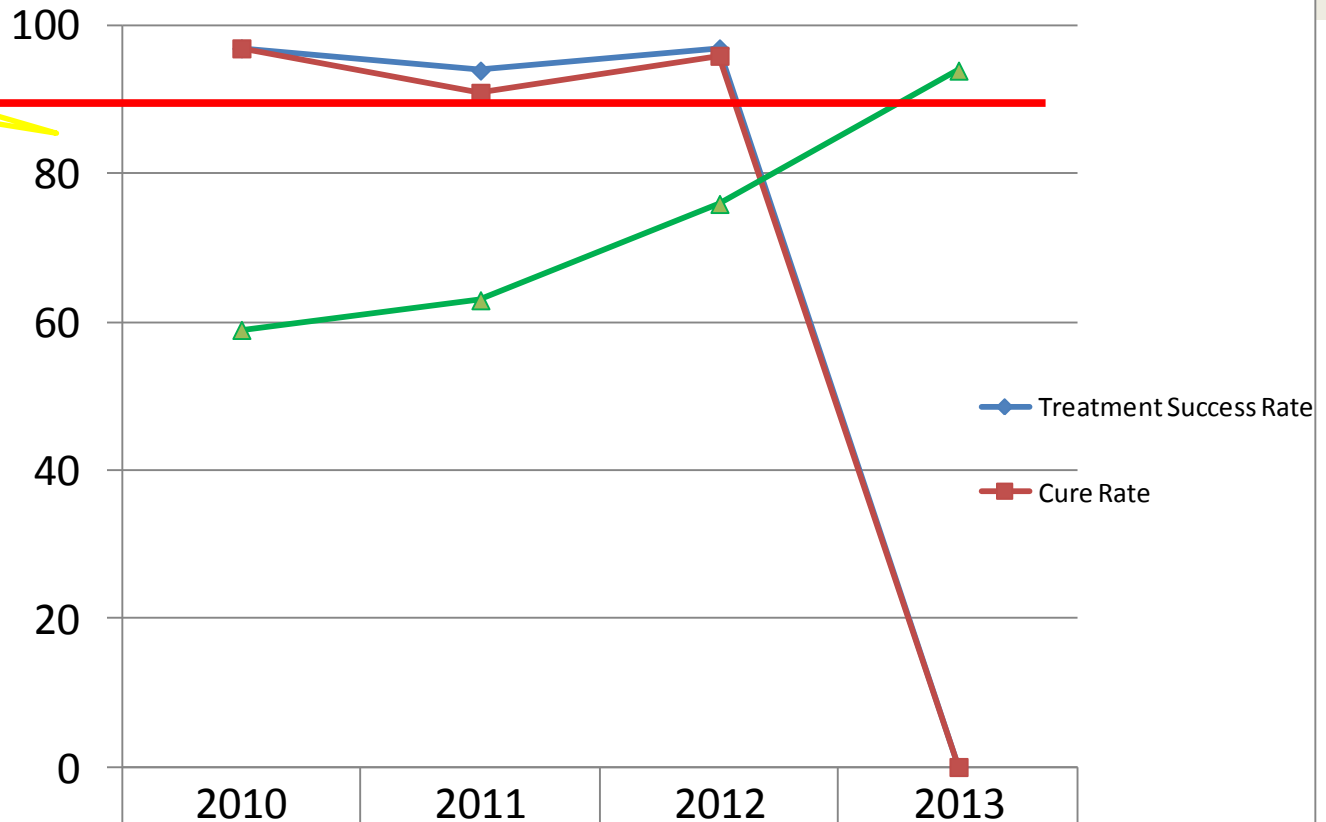


# Target FORMULA for TB Indicators

- *To get Case Detection Rate New Smear Positive (NSP)*  
= Population x.00131
- *To get Cure Rate (outcome)* = No. of cured/no. of new smear positive registered
- ***TB All Forms*** are cases from new PTB & extra pulmonary cases and relapse
- *To get Case Detection Rate TB All Forms*= Population x .00260
- *To get Treatment Success Rate (outcome)* = the sum of cured and completed treatment / registered TB all form cases

# CASE DETECTION RATE TREATMENT SUCCESS RATE & CURE RATE

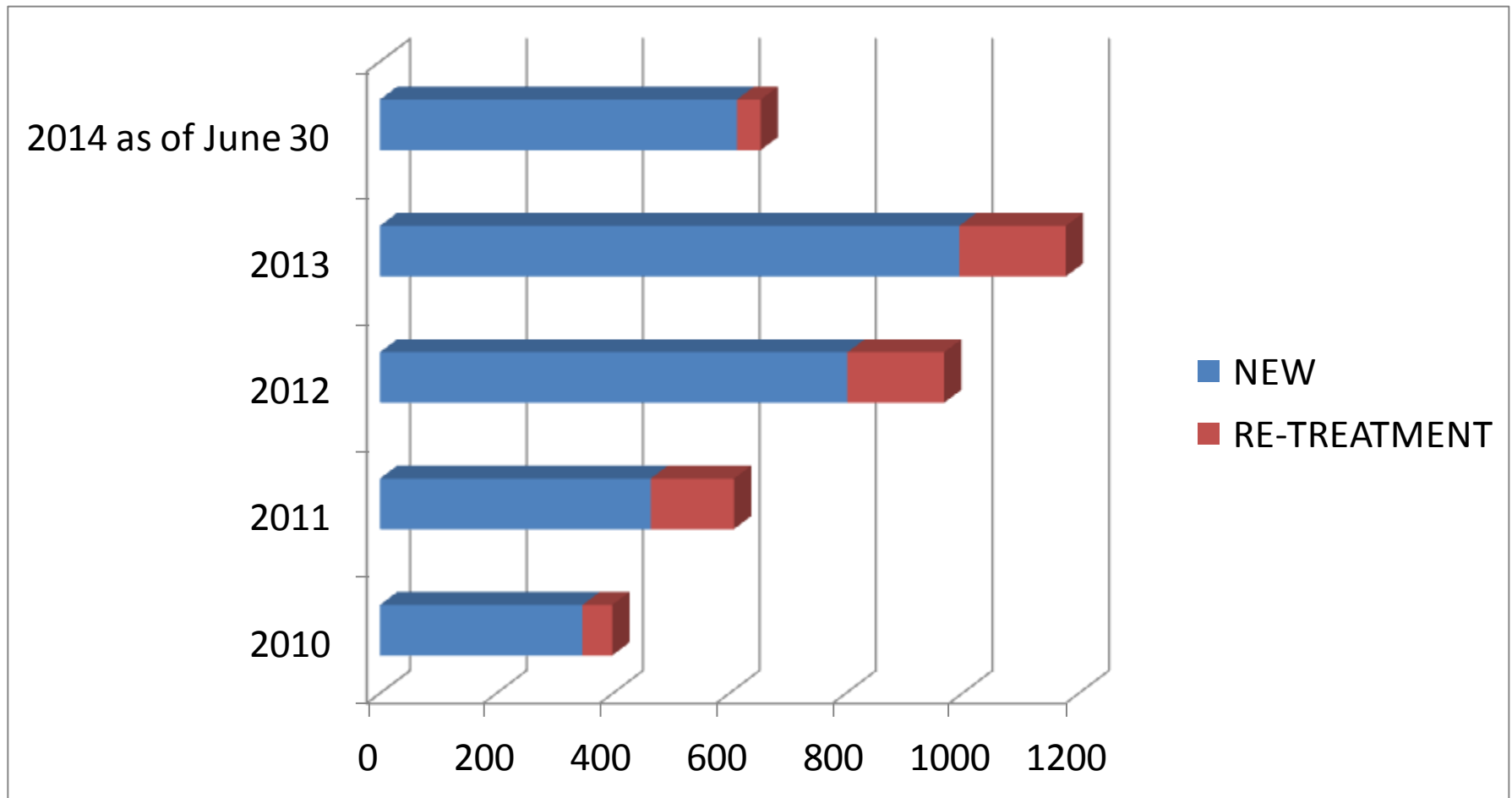
Target for CDR, TSR and CR (90%)



—◆— Treatment Success Rate	97	94	97	0
—■— Cure Rate	97	91	96	0
—▲— Case Detection Rate (All forms)	59	63	76	94



# Enrolled New Cases vs. Re-Treatment Cases (2010-2014)

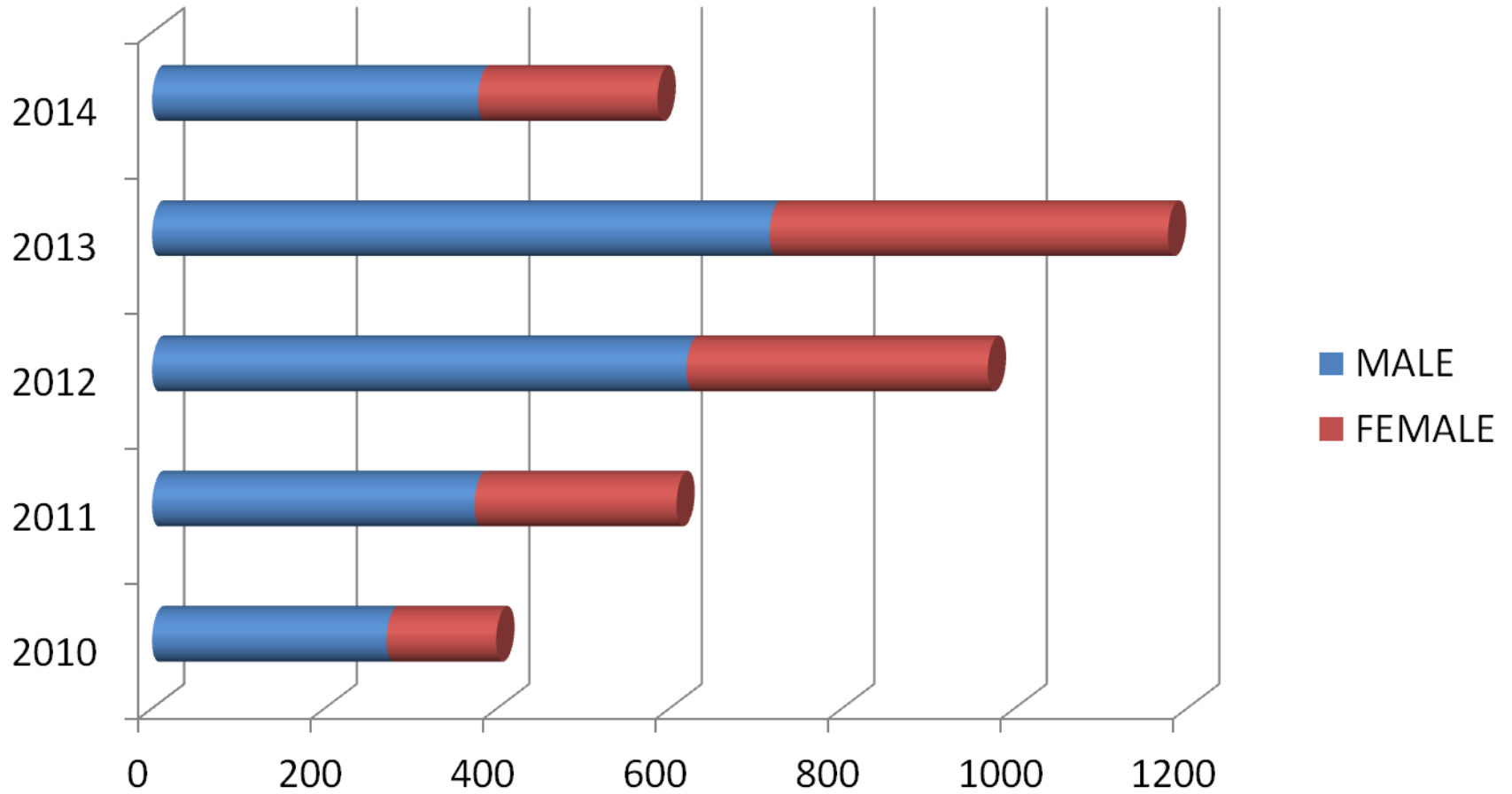


# Number of Enrolled New Cases vs. Re-Treatment Cases

YEAR	NEW	RE-TREATMENT	TOTAL
2010	348	51	399
2011	465	143	608
2012	803	166	969
2013	995	183	1178
2014 as of June 30	613	41	654

# CASES ENROLLED

## MALE vs FEMALE

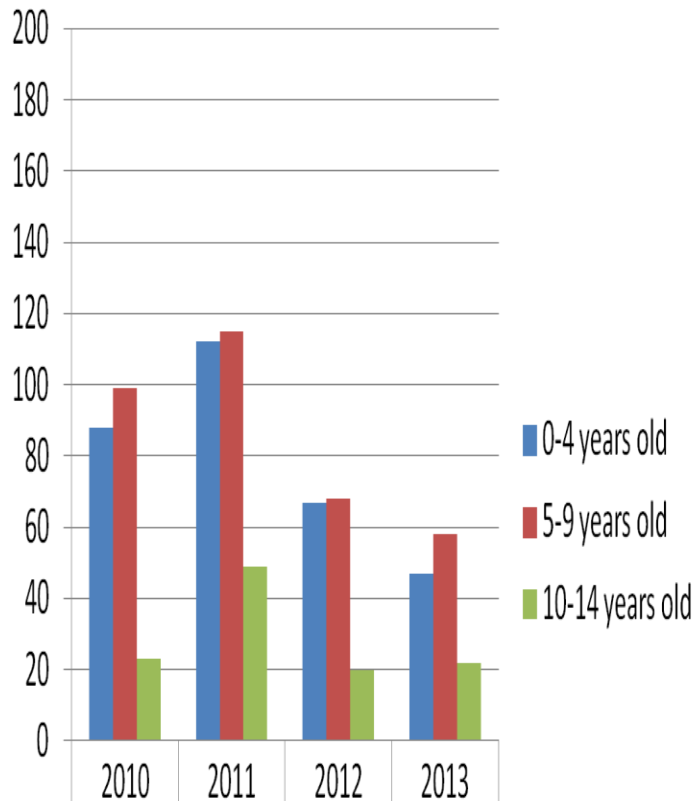




# Male VS. Female Cases

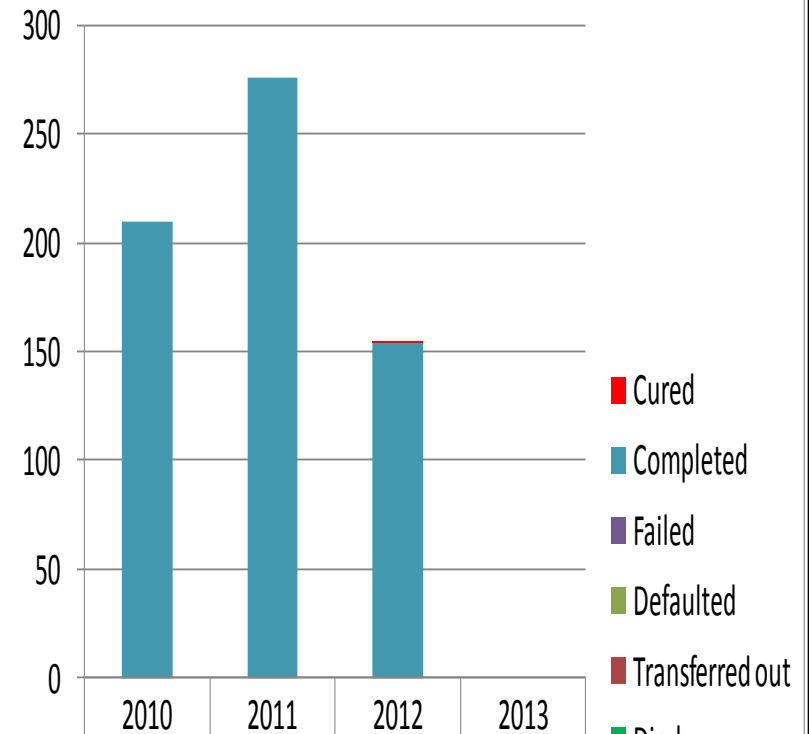
YEAR	MALE	FEMALE	TOTAL
2010	272	127	399
2011	374	234	608
2012	620	349	969
2013	716	462	1178
2014 (as of June 20)	378	208	616

# TB in Children Cases



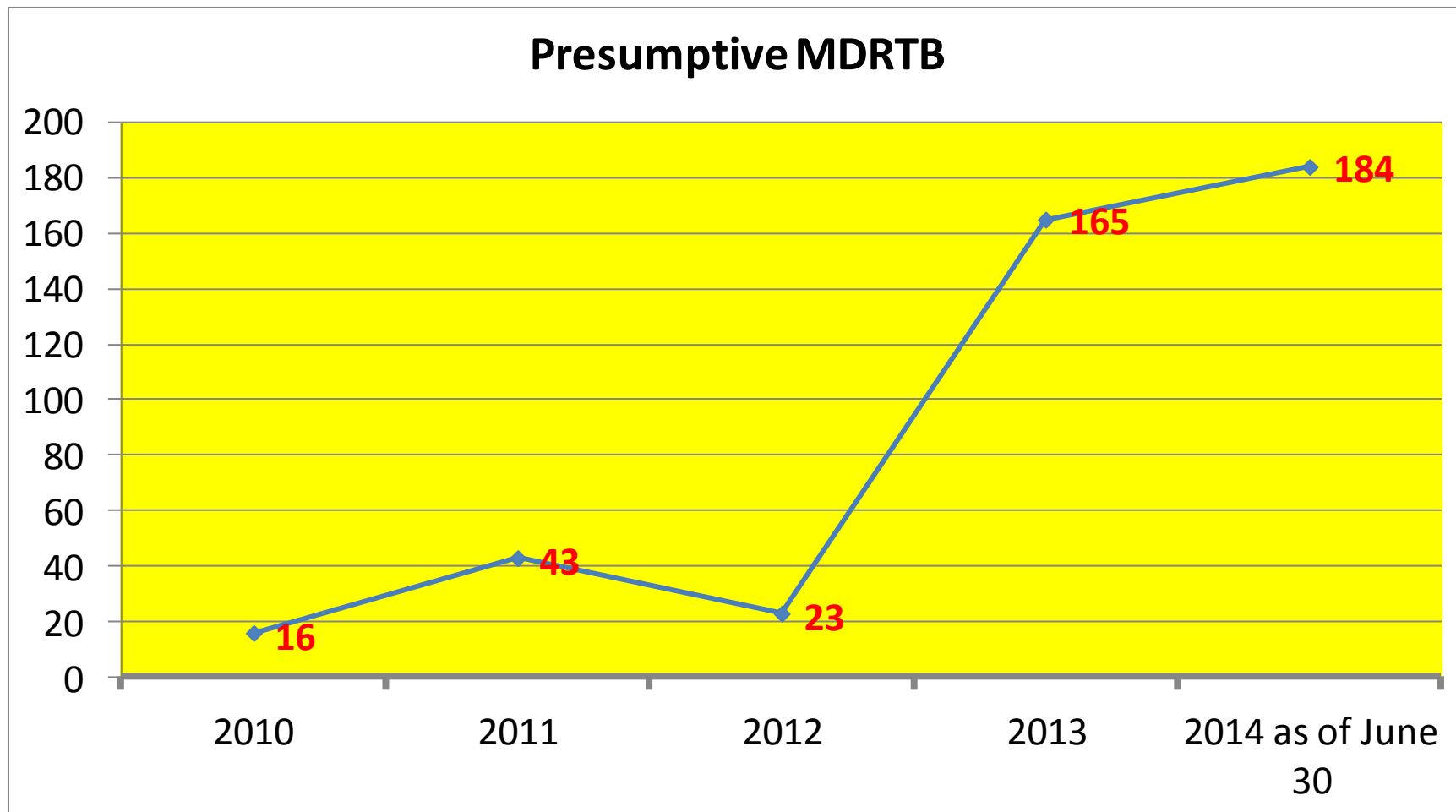
0-4 years old	88	112	67	47
5-9 years old	99	115	68	58
10-14 years old	23	49	20	22

**Total 210 276 155 127**



Cured	0	0	1	
Completed	210	276	154	
Failed	0	0	0	
Defaulted	0	0	0	
Transferred out	0	0	0	
Died	0	0	0	

# Presumptive DRTB Referred cases





# No. of Referrals “Presumptive Drug Resistance TB”

YEAR	CHO	MALE	FEMALE	TOTAL
2010	I/II	9	6	16
2011	I/II	31	12	43
2012	I/II	14	9	23
2013	I	79	35	114
	II	37	14	51
2014	I	64	39	103
As of June 30	II	53	28	81

# Total number of Decentralized Multi Drug Resistant TB in Calamba City

YEAR	No. of Patients Decentralized	Barangays	Outcome
2010	2	Paciano, San Juan	Cured (2)
2011	8	Kapayapaan I, Brgy. 1, Bagong Kalsada, Pansol, Milagrosa, Barandal, Makiling, Parian	Cured (4) Defaulted (3) Defaulted/Died (1)
2012	5	Lecheria, Pansol, San Juan, Brgy.3, Halang,	Cured (2) Defaulted (2) Died(1)
2013	3	Kapayapaan 2, Halang, Sirang Lupa	Cured (1) Died (2)
2014 as of June 20	5	Banlic, Pansol (2), Sampiruhan, Kay Anlog	On going Treatment

# No. of Enrolled Drug Resistant TB at the Treatment Center

Name of Treatment Center	No of Cases as of June 2014
Los Banos Satellite Treatment Center	13



# **GOOD PRACTICES**

**CITY GOVERNMENT OF CALAMBA**

**HON. JUSTIN MARC SB. CHIPECO**  
**CITY MAYOR**

## GOOD PRACTICES

- Local Health Board Meeting - Quarterly
- LGU support on health programs  
(National Tuberculosis Control Program)
- ❖ City annual budget allocation on TB program

YEAR	NTP BUDGET	ALLOCATION
2012	1 Million	Anti- TB meds for adults and children, Supplies, Forms, Trainings & meetings
2013	1 Million	Anti- TB meds for adults and children, Supplies, Forms, Trainings & meetings
2014	1. 2 Million	Anti- TB meds for adults and children, Supplies, Forms, Trainings & meetings

# ❖ Support of LGU on activities such as

World TB Day (5<sup>th</sup> year celebration)

One Stop Cough Caravan

Lung Awareness Month

PMDT caravan















**CITY GOVERNMENT OF CALAMBA  
CITY HEALTH OFFICE  
CALAMBA CITY TB-DOTS CENTER  
IN COOPERATION OF UNTV**

**"FREE CHEST X-RAY & MEDICAL CHECK-UP"**

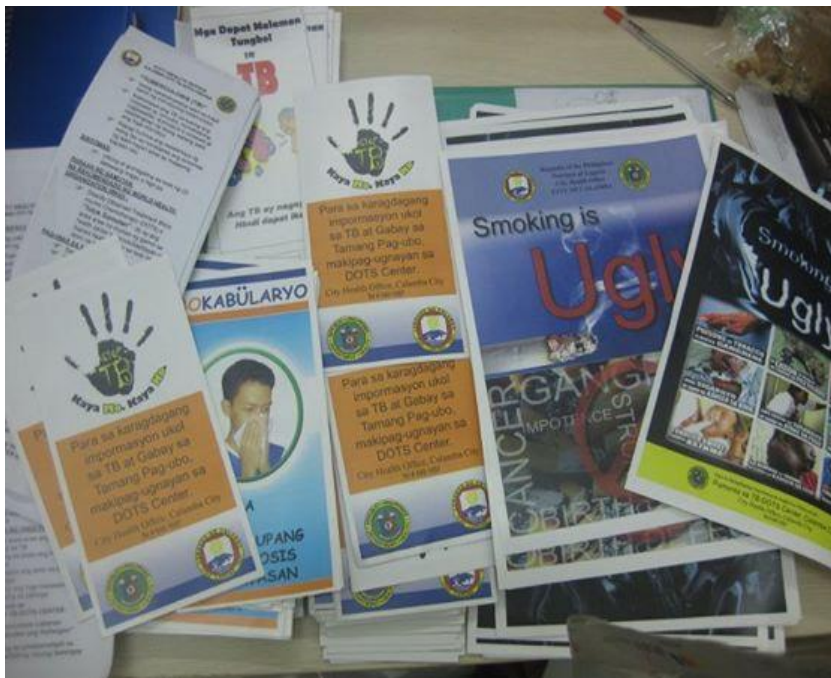
**AUGUST 22, 2011 7:00 AM 12:00 NN**

**BARANGAY VII, COVERED COURT, CALAMBA CITY.**

**Sponsored by: MAYOR JOAQUIN "JUN" CHIPECO  
& CALAMBA CITY TB-DOTS CENTER**





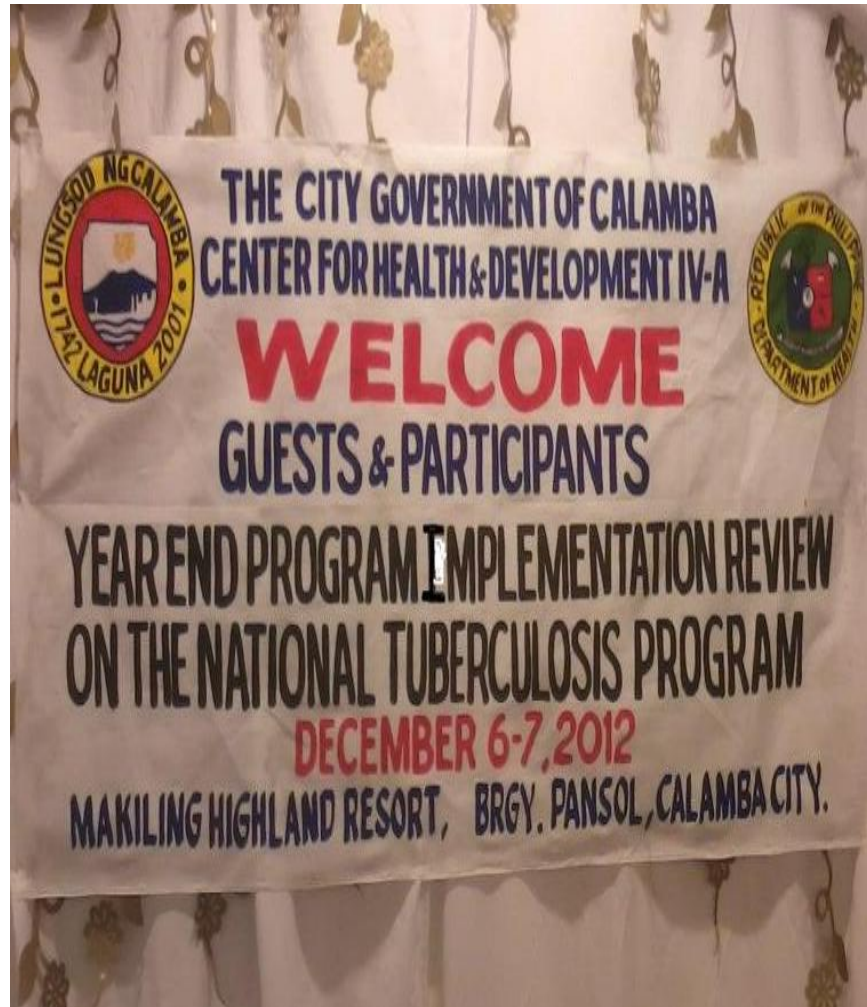








# Conduct Year End Program Implementation Review on NTP





# GOOD PRACTICES

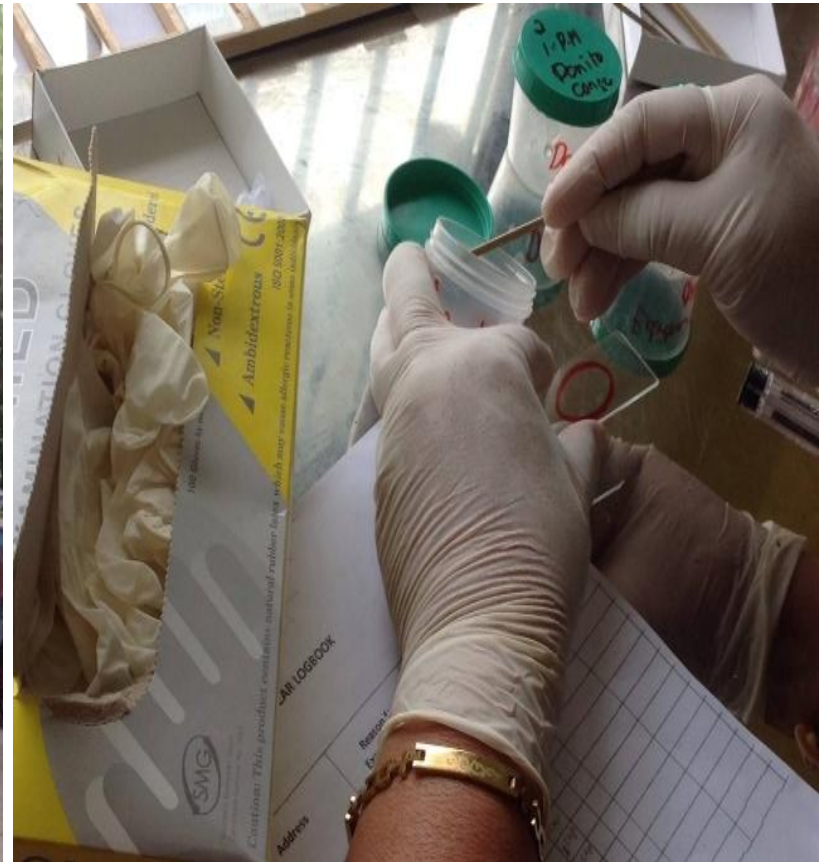
- LGU had sponsored FREE chest xray of BHW DOTS coordinators in 2012 (56 health workers)
- LGU had also been sponsored FREE chest xray of 115 patients diagnosed as smear negative cases during One Stop Cough Caravan on March 21, 2014





# GOOD PRACTICES

- ❖ LGU has given monthly hazard allowance to our job order microscopists and NTP aide based on 25% of their basic salary
- ❖ w/ Trained Informal Laboratory Workers ( 11 smearers)



## GOOD PRACTICES

❖ Local ordinance on Philhealth disbursement on TBDOTS package

*(amendment of Philhealth disbursement based on New MOP NTP 5<sup>th</sup> edition Philhealth recommended allocation)*

### PHILHEALTH TBDOTS PACKAGE RECEIVED

YEAR	AMOUNT	Allocation for TB DOTS use only
2008-2014	Php 905,370.00	Medicines, Supplies, Equipments, Renovation of TBDOTS center, Honorarium TBDC, BHWs, Midwives, NTP core team

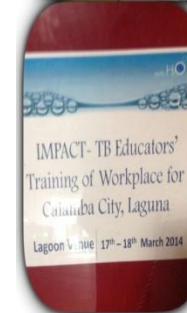
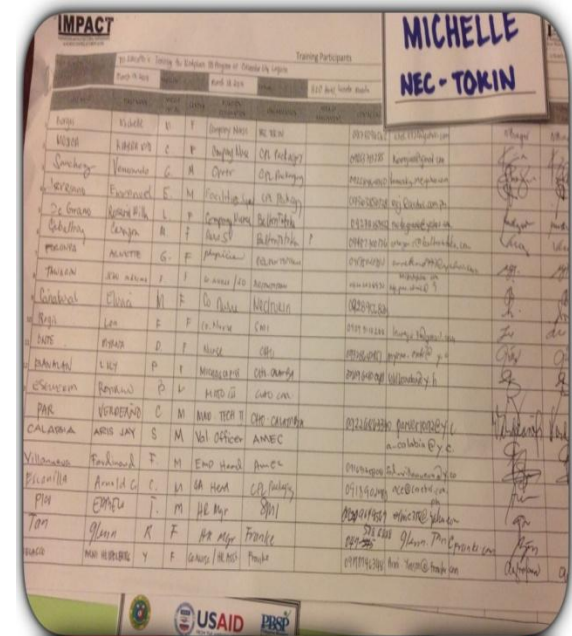
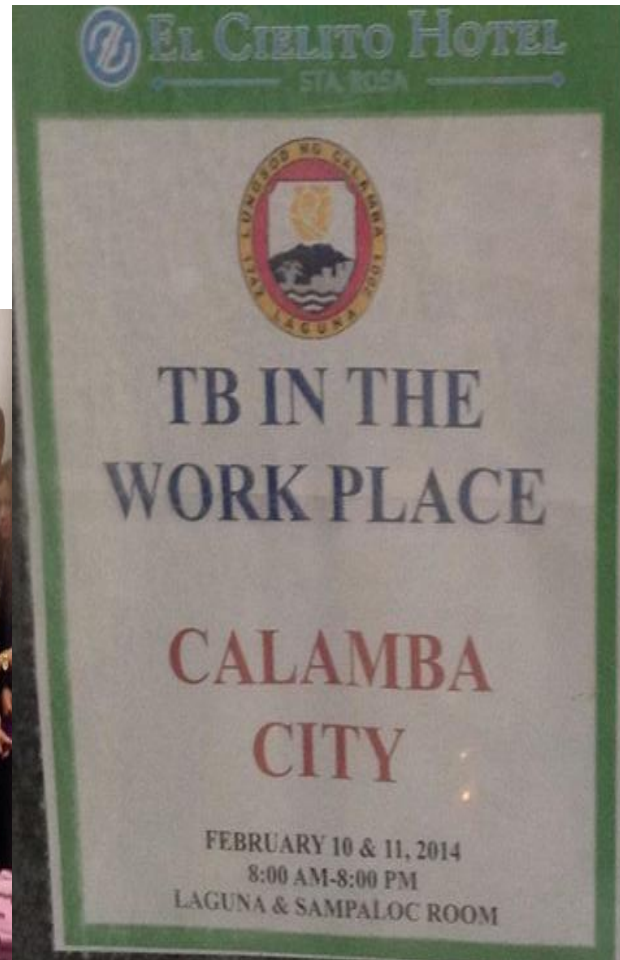


## GOOD PRACTICES

- ❖ LGU provides transportation, house rentals and food allowances to the MDR-TB patients on their first two months of treatment at the treatment center
- ❖ In coordination w/ CSSYDO, the office reserves Philhealth membership slot to the TBDOTS patients who have no Philhealth ID
- ❖ Use of brgy patrol vehicle in transporting patients to the DOTS facility and to the treatment center facility
- ❖ Some of the brgys have an approved brgy resolution supporting TB control

## GOOD PRACTICES

- ❖ Engagement of the City Health to the following NTP partners
  - Workplace *TB team* (TB in the Workplace Installation Program)
  - Hospitals *TB Team* (private and public) as referring hospitals
  - Dep-Ed *TB team*
  - BJMP *TB Team*







Dep Ed teachers orientation on basic facts of TB in brgy. Real, Calamba City





HOSPITAL TB REFERRAL ORIENTATION



HOSPITAL TB REFERRAL ADVOCACY





Mdrtb seminar w/ BJMP Calabarzon  
nurses @ Calamba City on Feb 18, 2014



NTP core team as the resource speaker in  
BJMP on MDRTB orientation



BJMP monitoring activity

# GOOD PRACTICES

- Creation of **Calamba City MultiSectoral Stakeholders Alliance for TB Control**  
*( w/ 17 stakeholders joined the alliance- from LGU,NGOs, NGAs, community based organizations)*





# GOOD PRACTICES

LGU also supported the following groups/organizations for TB case finding and case holding activities:

- Calamba City TB Task Forces (115 members in 9 brgys )
- Barangay Health Workers (500 workers)
- Community Health Team members ( 225 members )



Treatment Partners



