

# **MEKONG BASIN DISEASE SURVEILLANCE (MBDS)**

**Cross-Border Exchange Information**

**MBDS Foundation Secretariat**

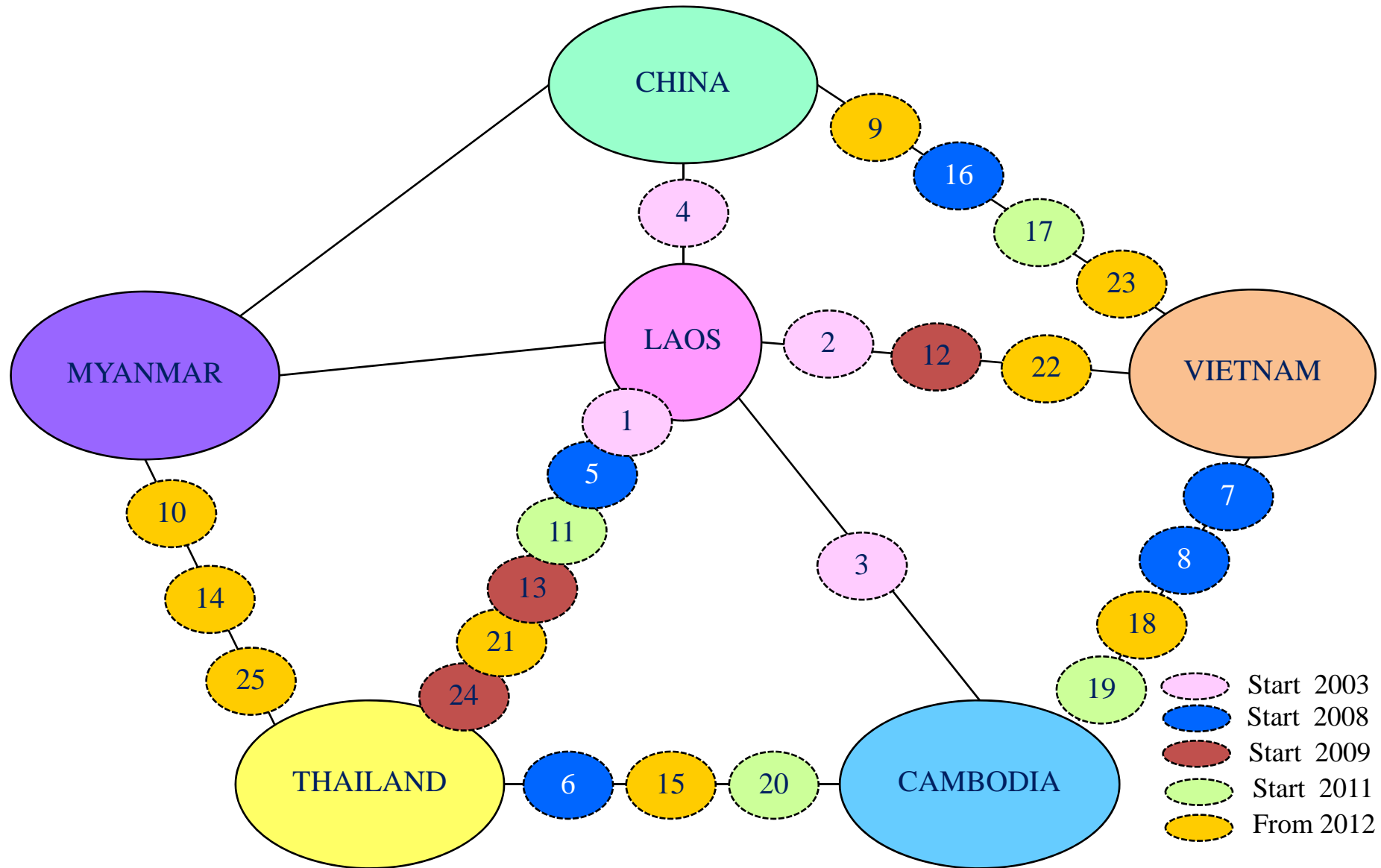
**MEKONG BASIN DISEASE SURVEILLANCE (MBDS)**



# **MBDS XB Model, Sites and Report Format**



# MBDS Cross Border



MEKONG BASIN DISEASE SURVEILLANCE (MBDS)



# Description

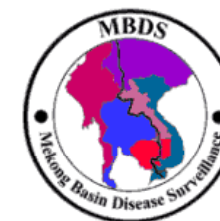
1. Savannakhet (Laos) - Mukdaharn (Thailand)
2. Savannakhet (Laos) - Quang Tri (Vietnam)
3. Champasak (Laos) - Stung Treng (Cambodia)
4. Luang Namtha (Laos) - Mengla (China)
5. Bo Kaeo (Laos) - Chiang Rai (Thailand)
6. Sakaeo (Thailand) - Banteay Meacheay (Cambodia)
7. Takaeo (Cambodia) - An Giang (Vietnam)
8. Kampot (Cambodia) - Kien Giang (Vietnam)
9. Lai Chau (VIET) - Jinping (CHI-Y)
10. Chiang Rai (Thailand) - Tachilek (Myanmar)
11. Champasak (Laos) - Ubon Ratchathani (Thailand)
12. Borikhamxay (Laos) - Ha Tinh (Vietnam)
13. Vientiane (Laos) - Nongkhai (Thailand)
14. Mae Sot (Thailand) - Myawaddy (Myanmar)
15. Chanthaburi (Thailand) – Battambang and Pailin (Cambodia)
16. Lang Son (Vietnam) – Ping Xiang (China)
17. Quang Ninh (Vietnam) – Dong Xiang (China)
18. Svay Rieng (Cambodia) - Tay Ninh (Vietnam)
19. Kampong Cham (Cambodia) - Tay Ninh (Vietnam)
20. Koh Kong (Cambodia) - Trat (Thailand)
21. Kammouane (Laos) - Nakorn Phanom (Thailand)
22. Khammouane (Laos) - Quang Ninh (Vietnam)
23. Mong Cai (Vietnam) – Dong Xing (China)
24. Nan (Thailand) – Sayabury (Laos)
25. Kawthaung (Myanmar) – Ranong (Thailand)

# MBDS Cross border information exchange

## Schedule of exchange and content :

- ***Within 24 hours of Diagnosis:*** H1N1/H5N1, AFP, SARS, Cholera/ Severe Diarrhea, Encephalitis, Tetanus, Meningitis, Diphtheria, PHEIC
- ***Every Monday of the week:*** Leptospirosis, Chikungunya, Dengue Fever, Typhoid Fever , Measles
- ***Every 5<sup>th</sup> day of each Month:*** Malaria, Pneumonia
- ***Quarterly (Every three months):*** HIV/AIDS, Tuberculosis

# MBDS XB Report Format



XXXXX Provincial Health Office, Country

XXXXXX province  
 MBDS Cross-Border Coordinator  
 No. XX /Country Name

MBDS Cross – Border Reporting Between  
 XXXXX (Country Name)/ XXXXX (Country Name)

Report: " within 24 hours; " weekly no: " Month: " Quarterly no:  
 Date: DD / MM - DD / MM, YYYY

ID	Diseases	Cumulative from 01st week to 52nd week 2014		Current week/month/quarter		Date founded	Affected Areas villages	Risk factors/Presumable causes	Remark
		Cases	Deaths	Cases	Deaths				
1	H1N1/ H5N1								
2	AFP								
3	SARS								
4	Cholera /Severe Diarrhea								
5	Encephalitis								
6	Tetanus								
7	Meningitis								
8	Diphtheria								
9	PHEIC								
10	Leptospirosis								
11	Chikungunya								
12	Dengue fever								
13	Typhoid fever								
14	Measles								
15	Malaria								
16	Pneumonia								
17	HIV/AIDs								
18	Tuberculosis								

Remark: Bold letters are border districts

Reported by: XXXXX

 24 Hours Report  
 Weekly Report

 Monthly Report  
 Quarterly Report

**MEKONG BASIN DISEASE SURVELLANCE (MBDS)**



# MBDS XB

- **MBDS XB Thailand**

- Mukdahan
- Sakaeo
- Nan
- Mae Sot
- Trat
- Ranong
- Chiang Rai
- Nongkhai
- Ubon Ratchathani
- Chanthaburi ★
- Nakorn Phanom ★

- **MBDS XB Laos**

- Savannakhet
- Bo Kaeo
- Vientiane
- Khammouane ★
- Champasak
- Borikhamxay
- Luang Namtha
- Sayabury

- **MBDS XB China**

- Mengla
- Ping Xiang
- Jinping
- Dong Xing

- **MBDS XB Cambodia**

- Stung Treng
- Takaeo
- Battambang and Pailin ★
- Kampong Cham
- Banteay Meacheay
- Kampot
- Svay Rieng
- Koh Kong

- **MBDS XB Vietnam**

- Quang Tri
- Kien Giang ★
- Ha Tinh
- Quang Ninh ★
- An Giang
- Lai Chau
- Lang Son
- Tay Ninh ★

- **MBDS XB Myanmar**

- Tachilek
- Kawthoung
- Myawaddy

**Remark : ★ Initializing**

**: ★ Planning**



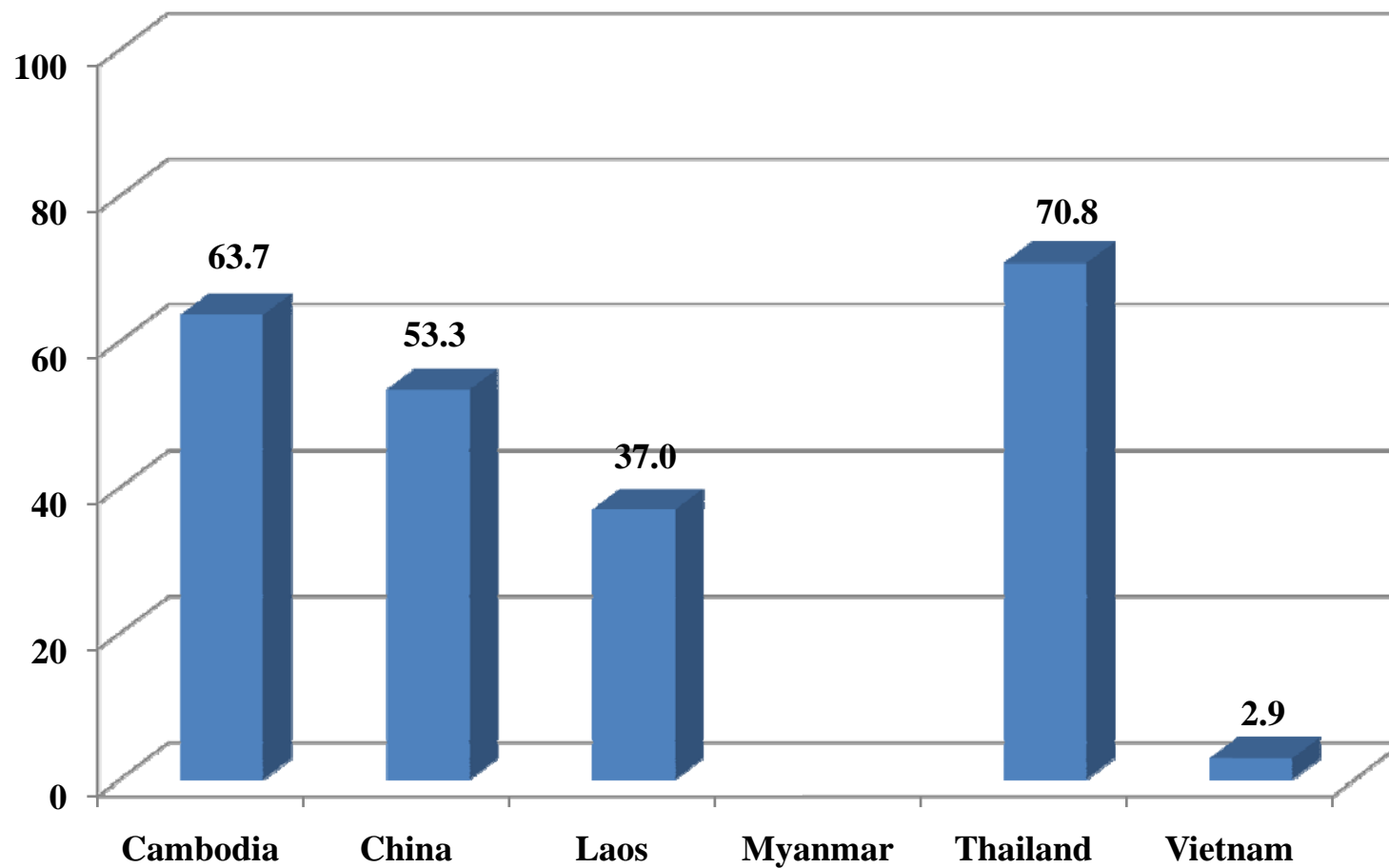
# **Percentage of MBDS XB Exchange Report**

## **Jan – May 2014**

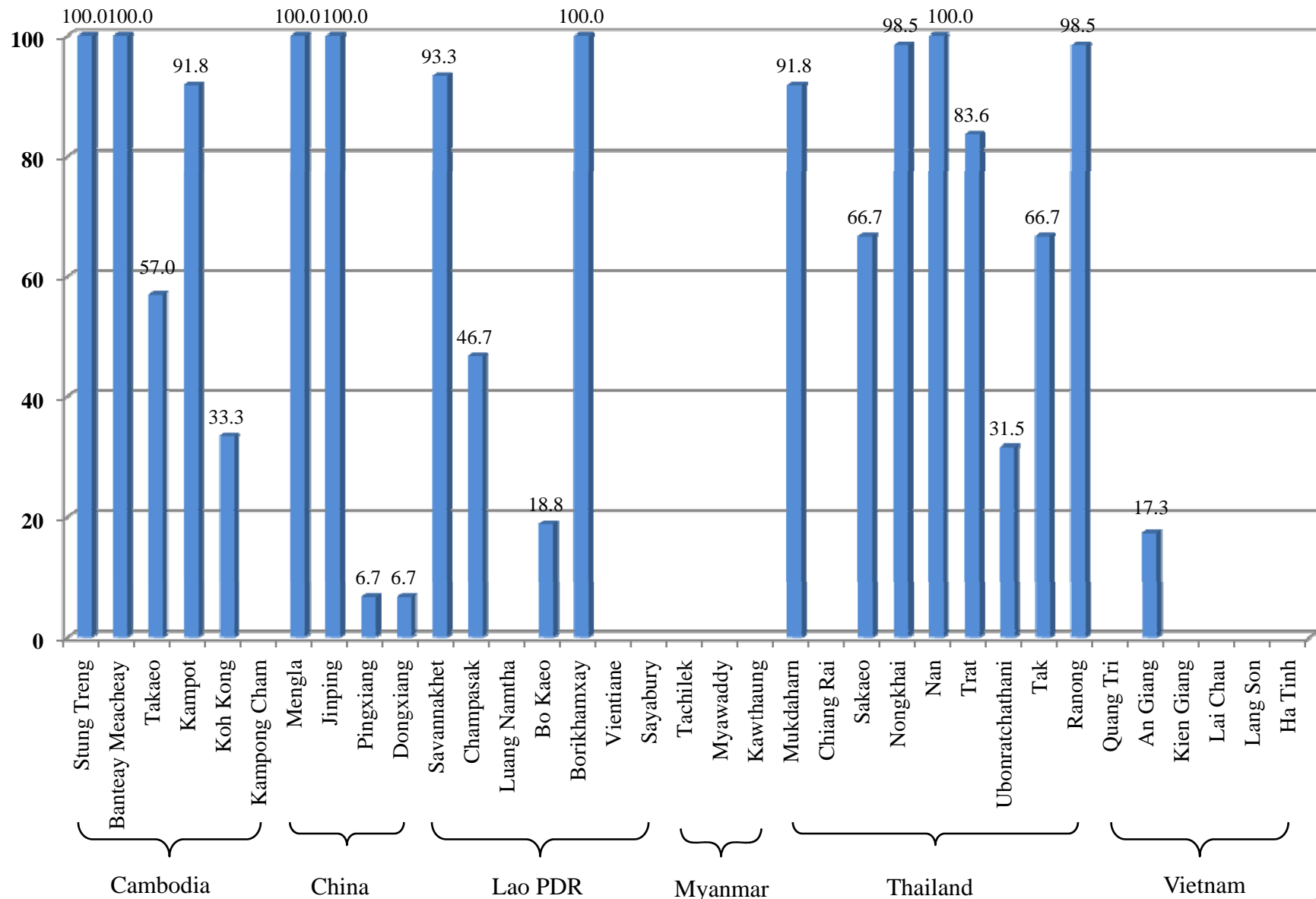




## Average percentage of exchange report separate by country (Jan – May 2014)



## Average percentage of exchange report separate by XB (Jan – May 2014)



**Analysis on MBDS XB reported cases  
Jan – May 2014**



# Within 24 hours Report

- Diseases of report:
  - H1N1 / H5N1,
  - AFP,
  - SARS,
  - Cholera / Severe Diarrhea,
  - Encephalitis,
  - Tetanus,
  - Meningitis,
  - Diphtheria and
  - PHEIC

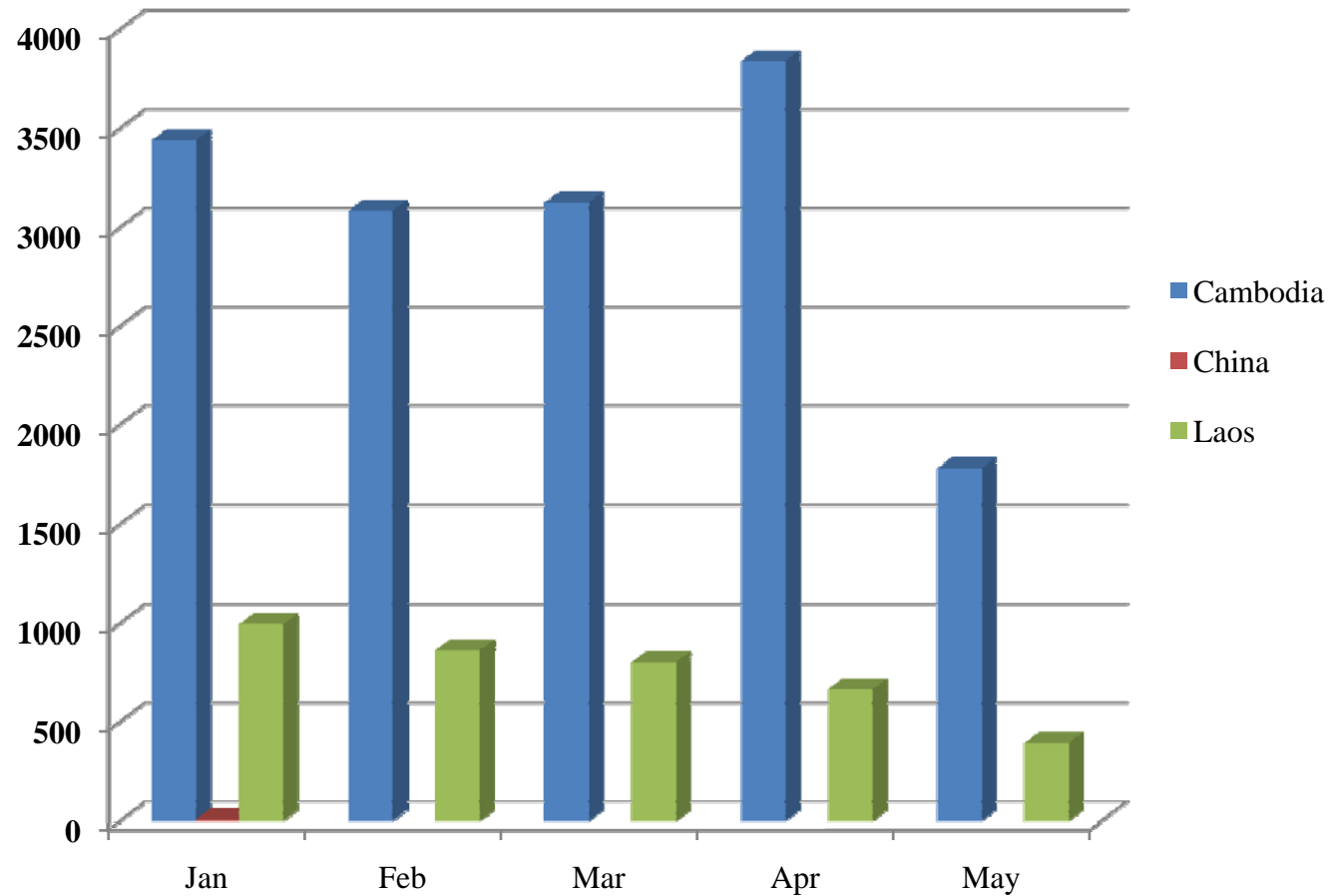
## **H1N1 / H5N1 reported cases from MBDS XB (Jan – May 2014)**

There was **totally one case** of MBDS region in **March (2 years old girl)** from Kandal village, Watt Ang commune, BanteayMeas district of **Kampot cross border site** of Cambodia and this case was died.

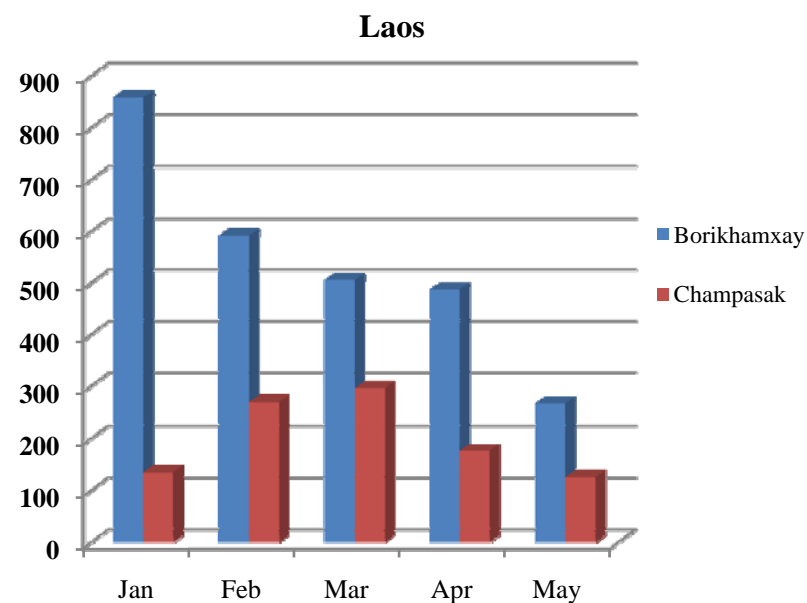
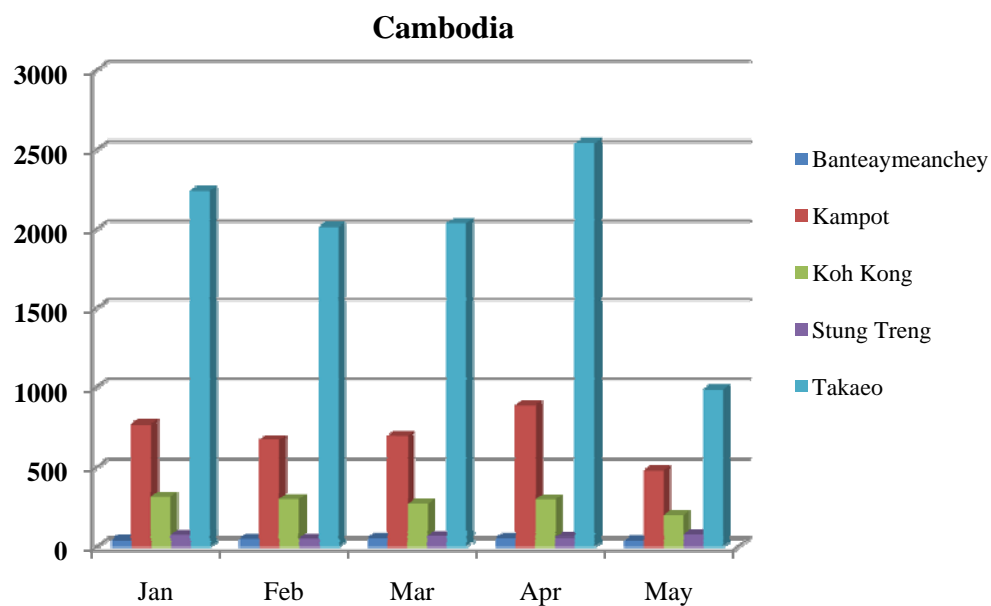
## **AFP reported cases from MBDS XB (Jan – May 2014)**

There were **totally 3 cases** from 3 cross border sites of Laos. **One case** from Sepone district of **Savannakhet** cross border site **in May**, **one case** from **Champasack** cross border site **in April** and another **one case** from **Borikhamxay** cross border site **in April**.

## Cholera /Severe Diarrhea (AWD) reported cases from MBDS XB separate by country (Jan – May 2014)



## Cholera /Severe Diarrhea (AWD) reported cases from MBDS XB separate by XB (Jan – May 2014)



**China, there were totally 7 cases from Dongxing cross border site of Guangxi in January.**



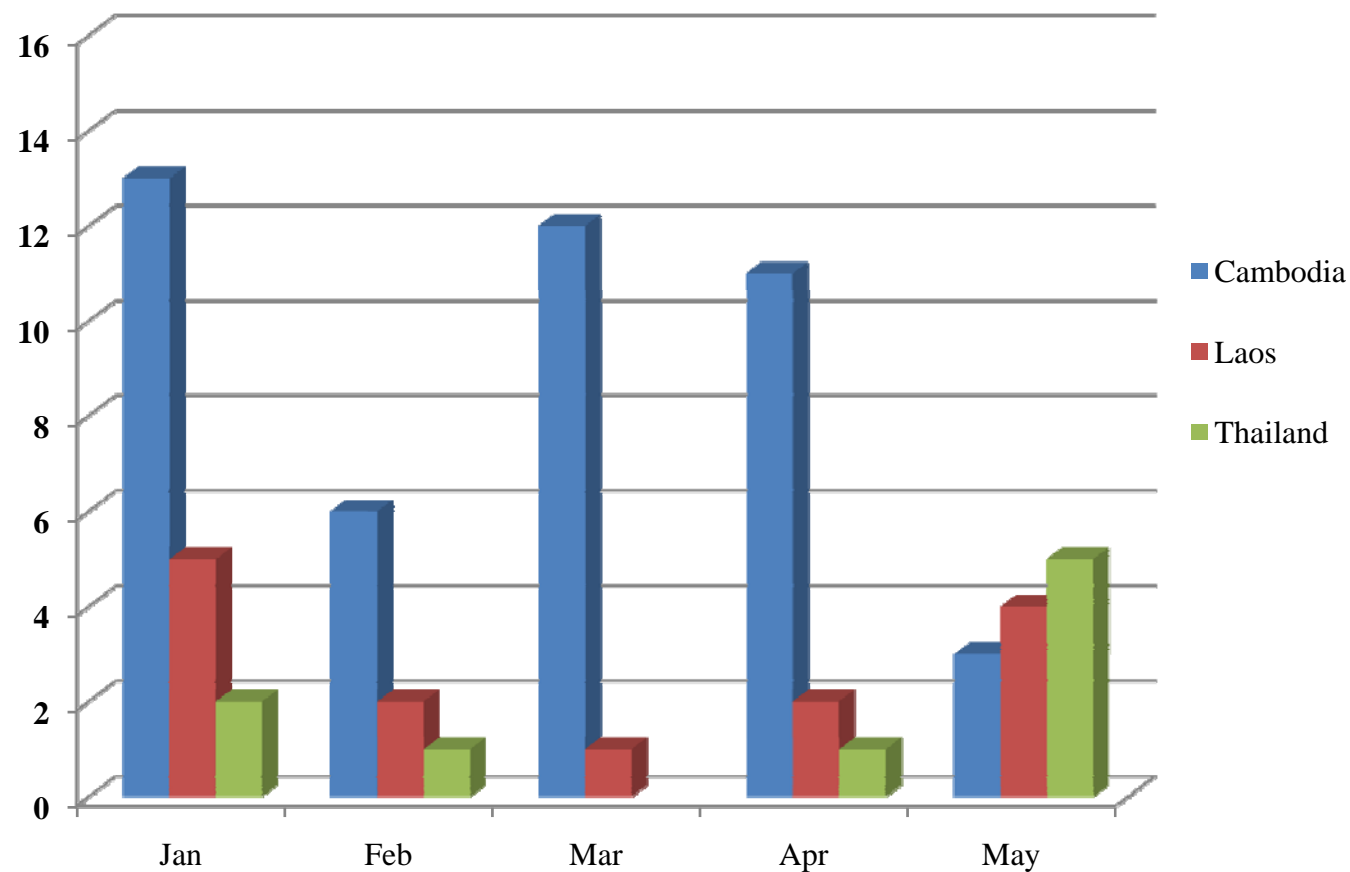
## **Encephalitis reported cases from MBDS XB (Jan – May 2014)**

There were **totally 11 cases** from 2 cross border sites of Thailand. **One case** from **Sakaeo** cross border site **in January** and **10 cases** from **Ubonratchathani** cross border site **in February (6 cases) and March (4 cases)**.

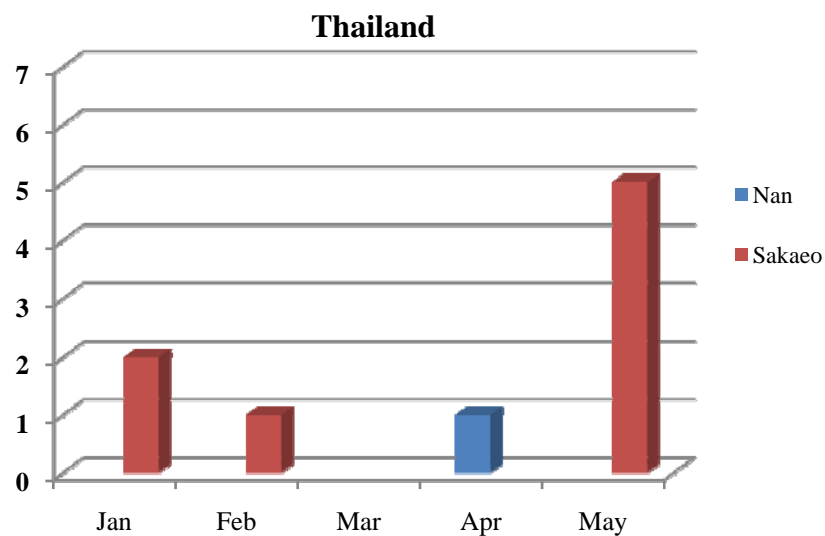
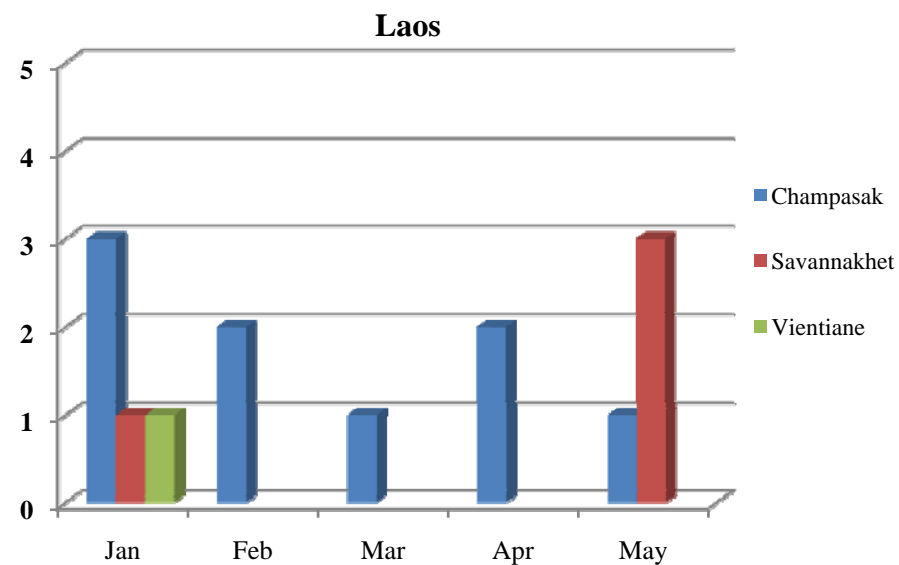
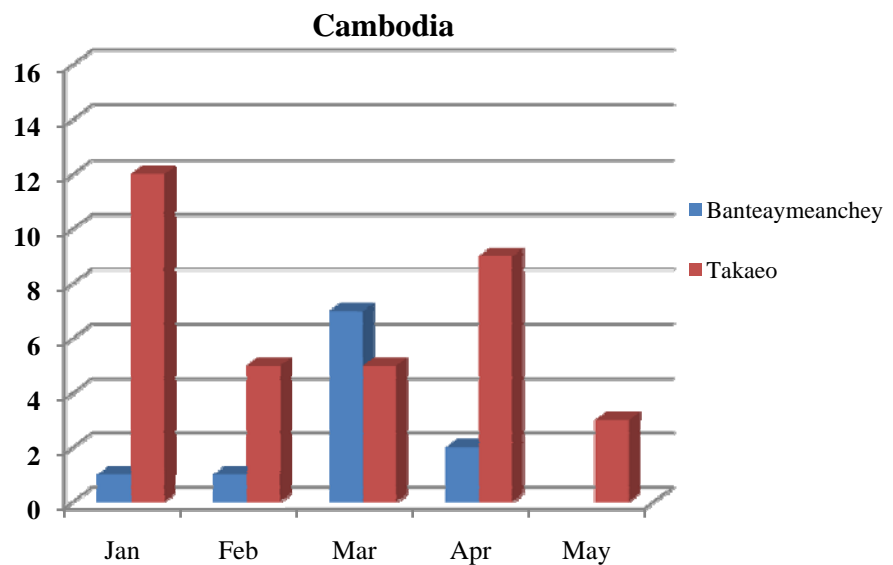
## **Tetanus reported cases from MBDS XB (Jan – May 2014)**

There were **totally 4 cases** of MBDS region, **2 cases** from **Champasack** cross border site of Laos **in March and April**. And another **2 cases** from **Nan** cross border site of Thailand **in January**.

## Meningitis reported cases from MBDS XB separate by country (Jan – May 2014)



## Meningitis reported cases from MBDS XB separate by XB (Jan – May 2014)

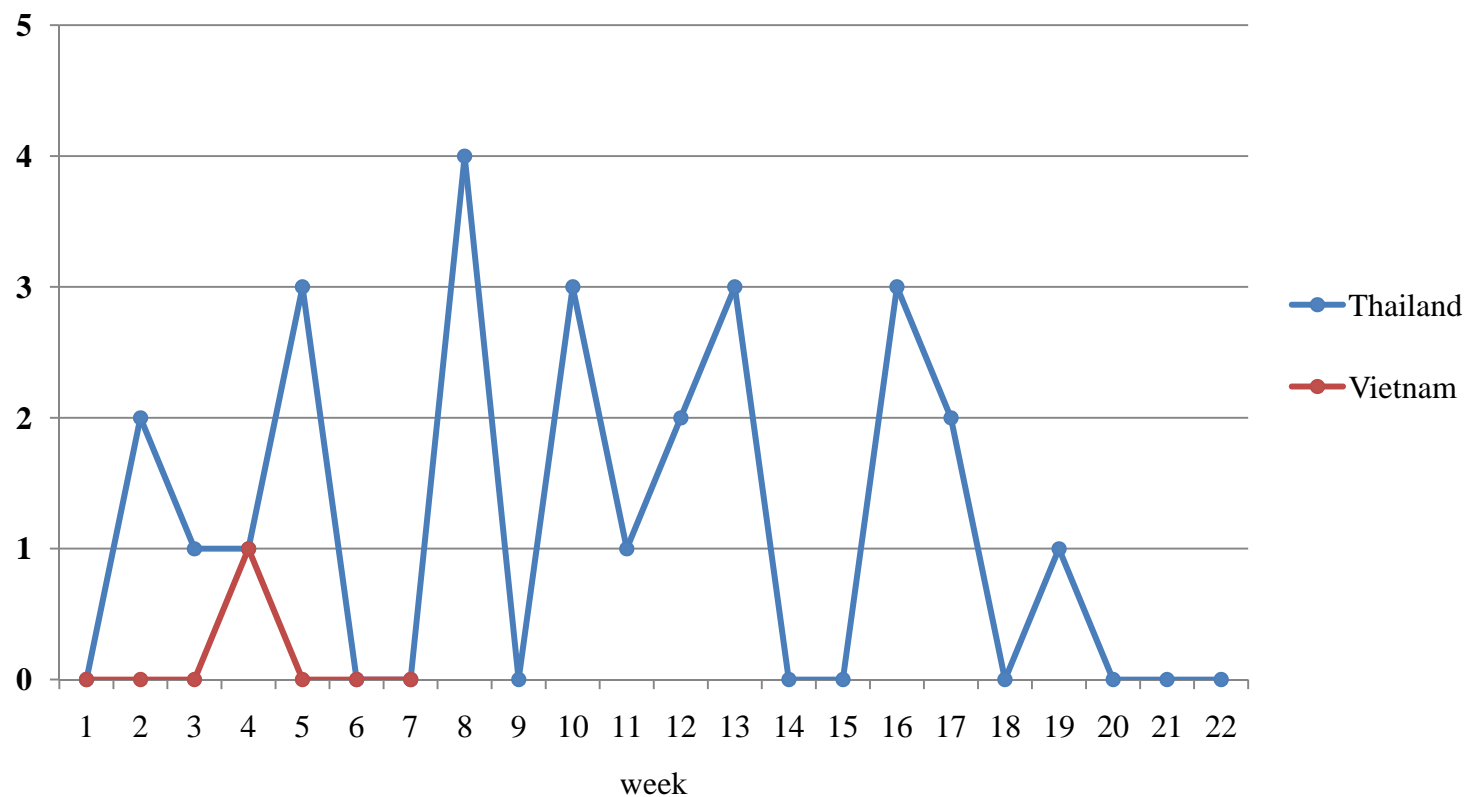


No cases for SARS, Diphtheria and PHEIC  
in MBDS XB report during Jan – May 2014

# Weekly Report

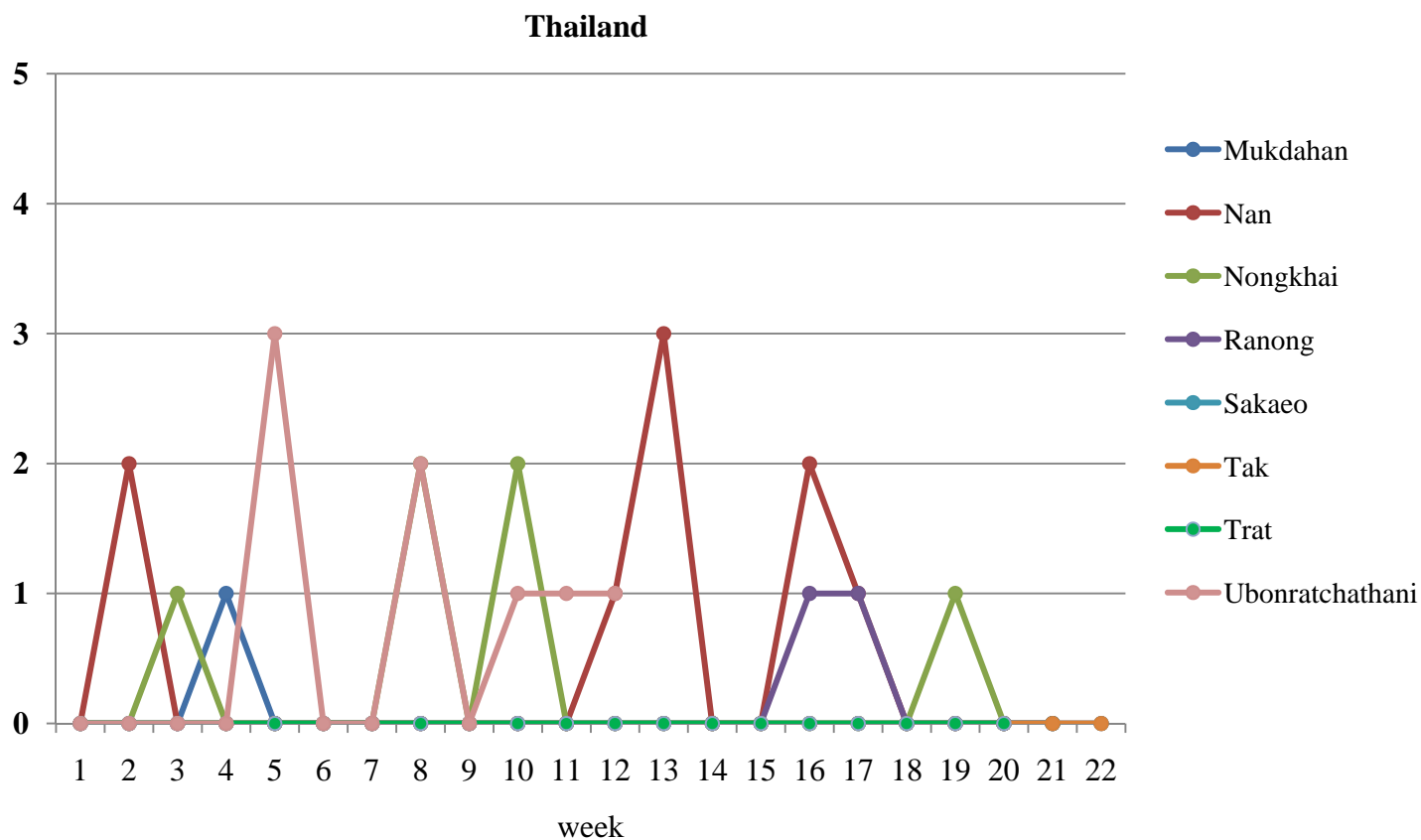
- Diseases of report:
  - Leptospirosis,
  - Chikungunya,
  - Dengue fever,
  - Typhoid fever and
  - Measles

## Leptospirosis reported cases from MBDS XB separate by country (Jan – May 2014)



- ❖ No report received from Myanmar during Jan – May 2014
- ❖ No cases for Leptospirosis in Cambodia, China and Laos during Jan – May 2014

## Leptospirosis reported cases from MBDS XB separate by XB (Jan – May 2014)



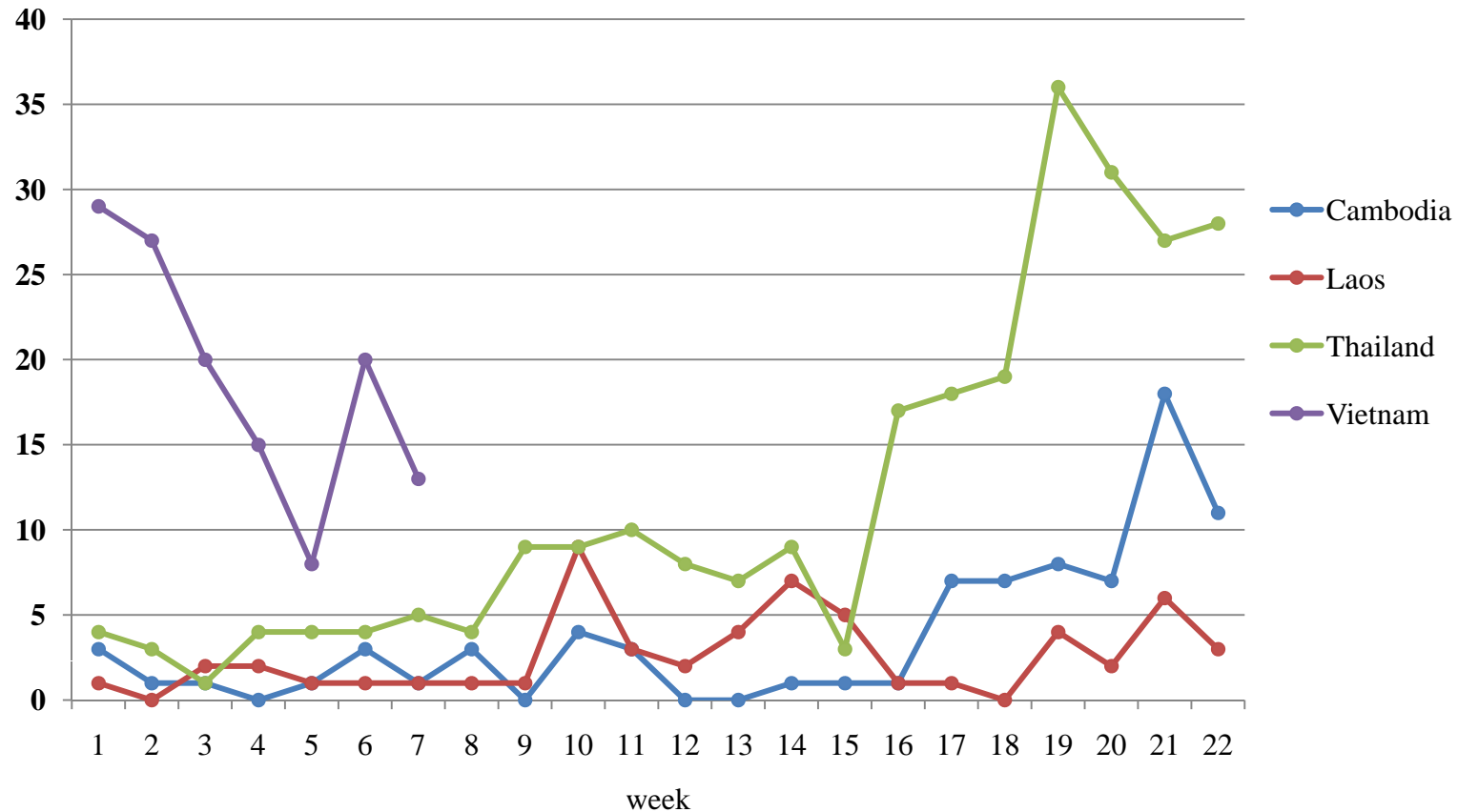
**Vietnam, only one case from An Giang cross border site in January (week 4).**



## **Chikungunya reported cases from MBDS XB (Jan – May 2014)**

There were **totally 3 cases** of MBDS region, 2 cases in January (week 2) and another one case in February (week 7) from **Champasack cross border site of Laos.**

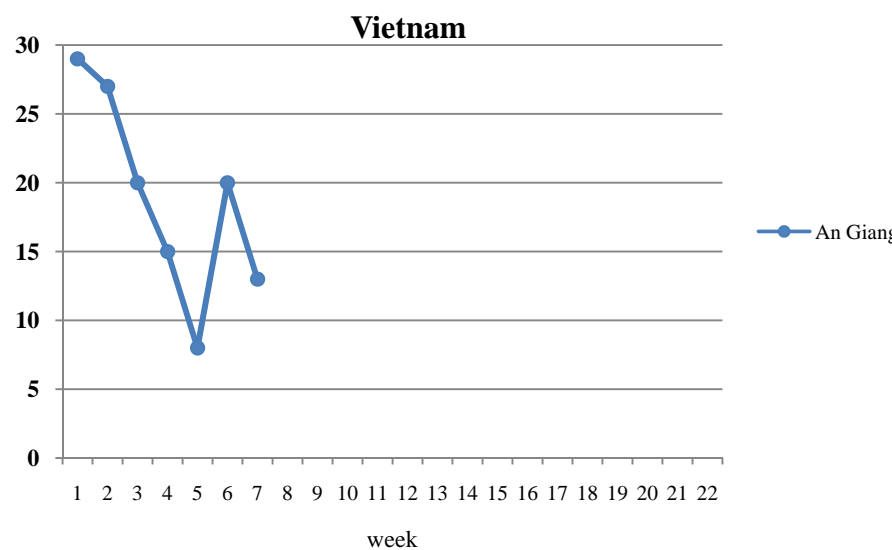
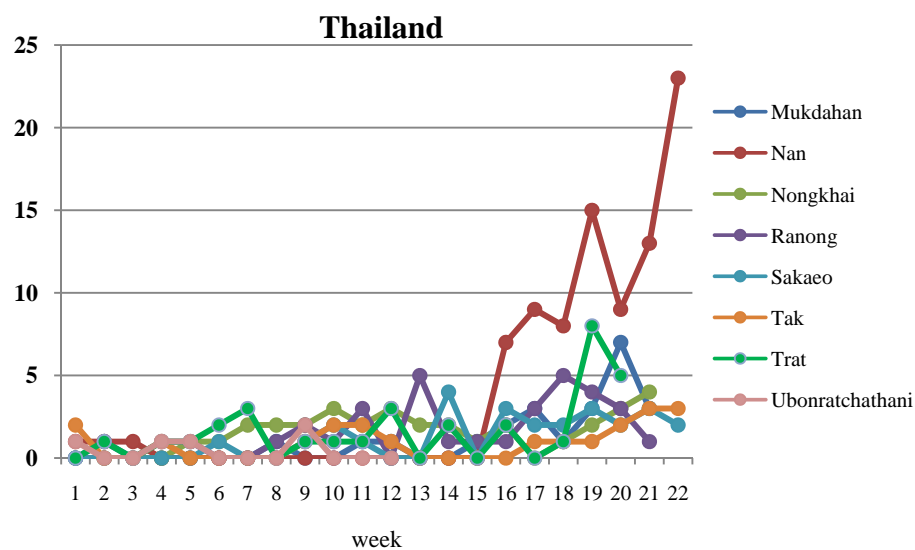
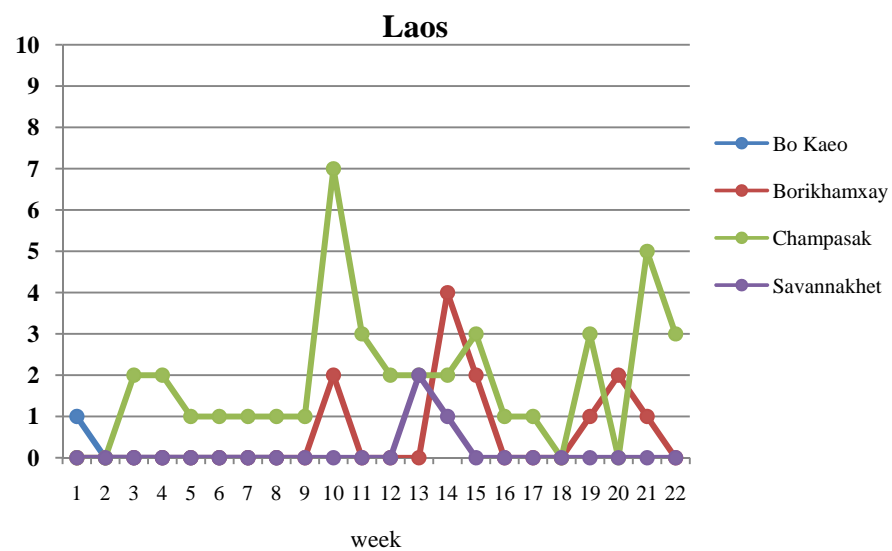
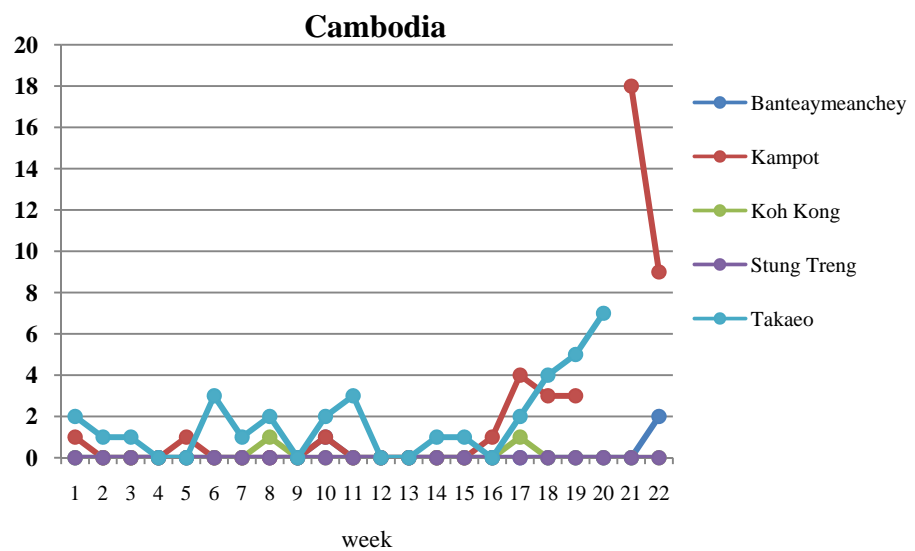
## Dengue fever reported cases from MBDS XB separate by country (Jan – May 2014)



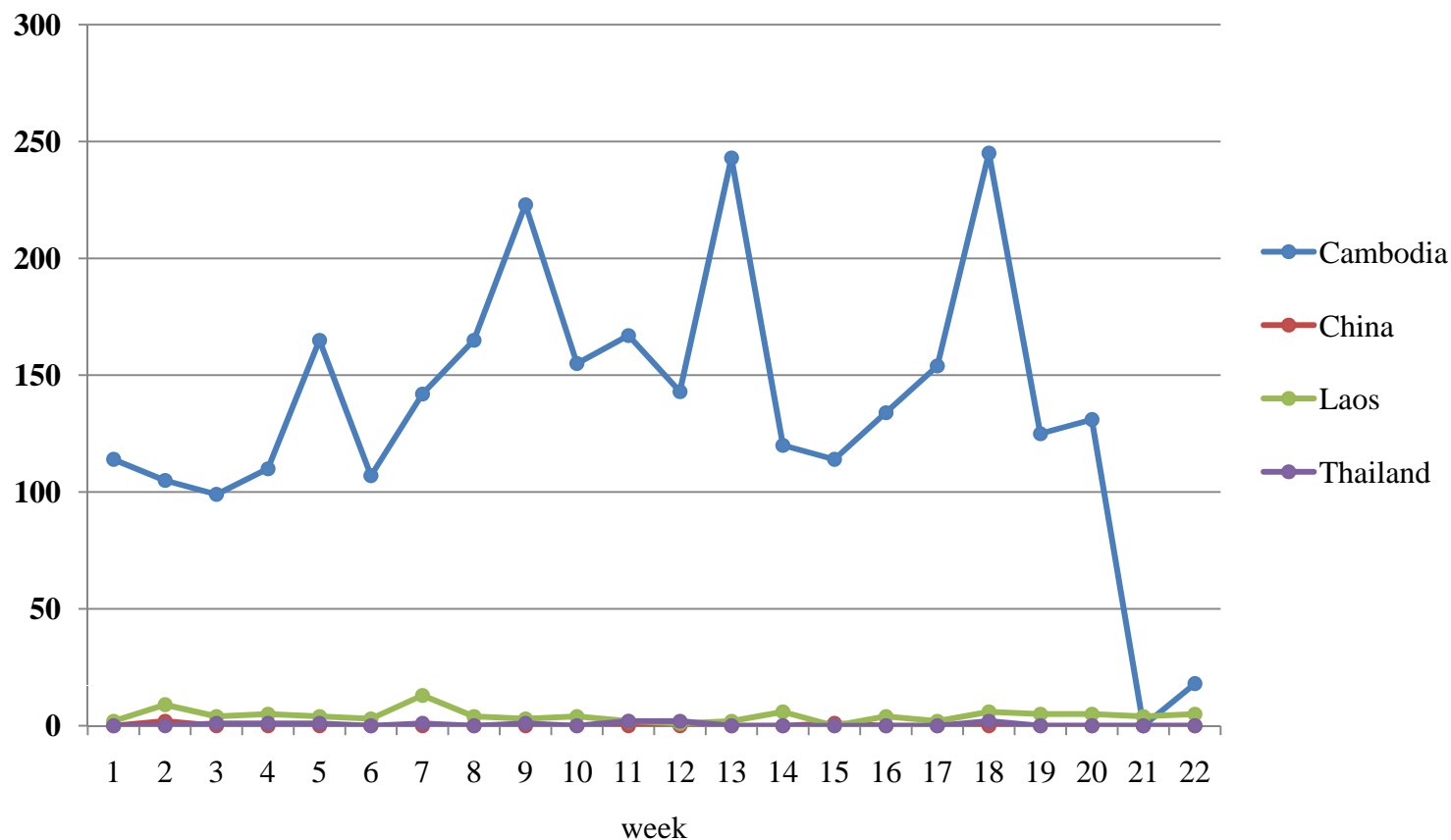
❖ No report received from Myanmar during Jan – May 2014

❖ No cases for Dengue fever in China during Jan – May 2014

# Dengue fever reported cases from MBDS XB separate by XB (Jan – May 2014)



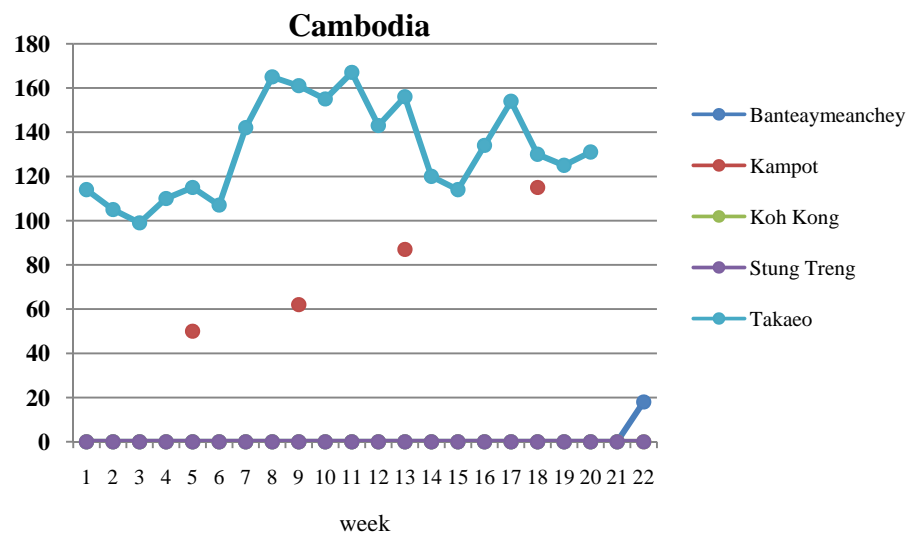
## Typhoid fever reported cases from MBDS XB separate by country (Jan – May 2014)



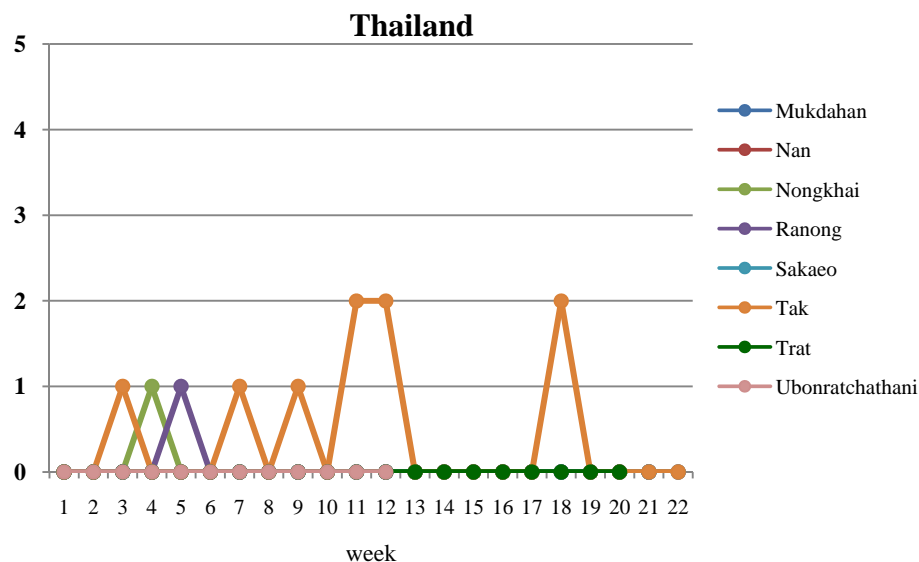
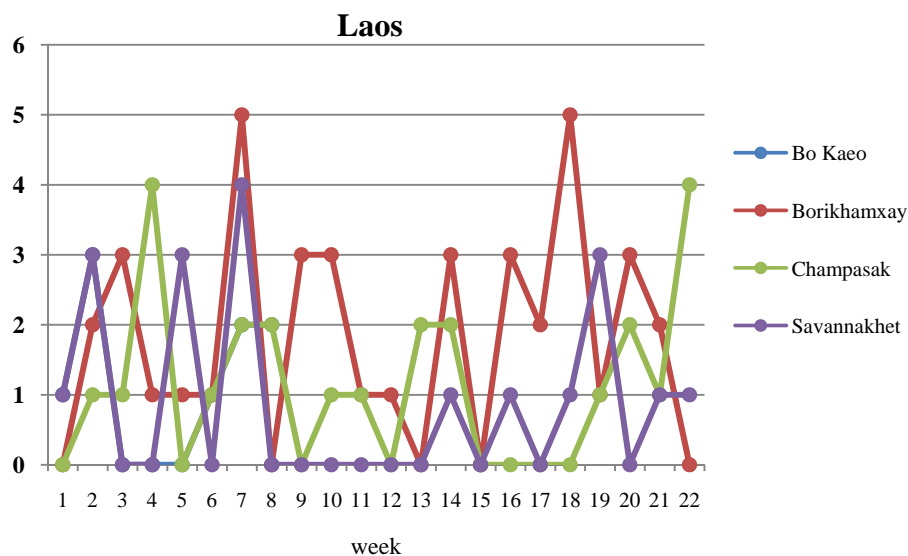
❖ No report received from Myanmar during Jan – May 2014

❖ No cases for Typhoid fever in Vietnam during Jan – May 2014

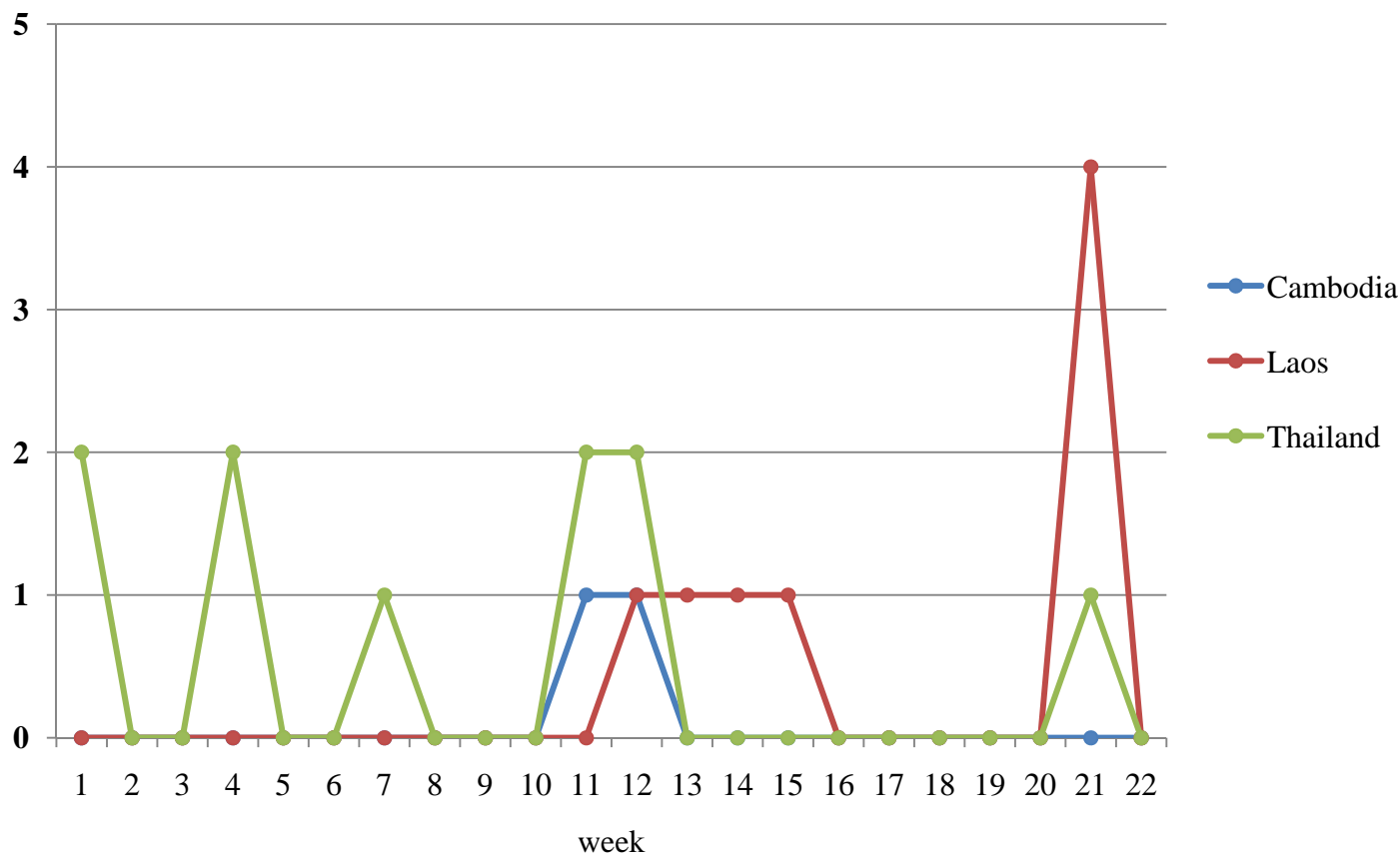
## Typhoid fever reported cases from MBDS XB separate by XB (Jan – May 2014)



**China**, there were **totally 3 cases** from Mengla cross border site of Yunnan, 2 cases in January (week 2) and another one case in April (week 15).



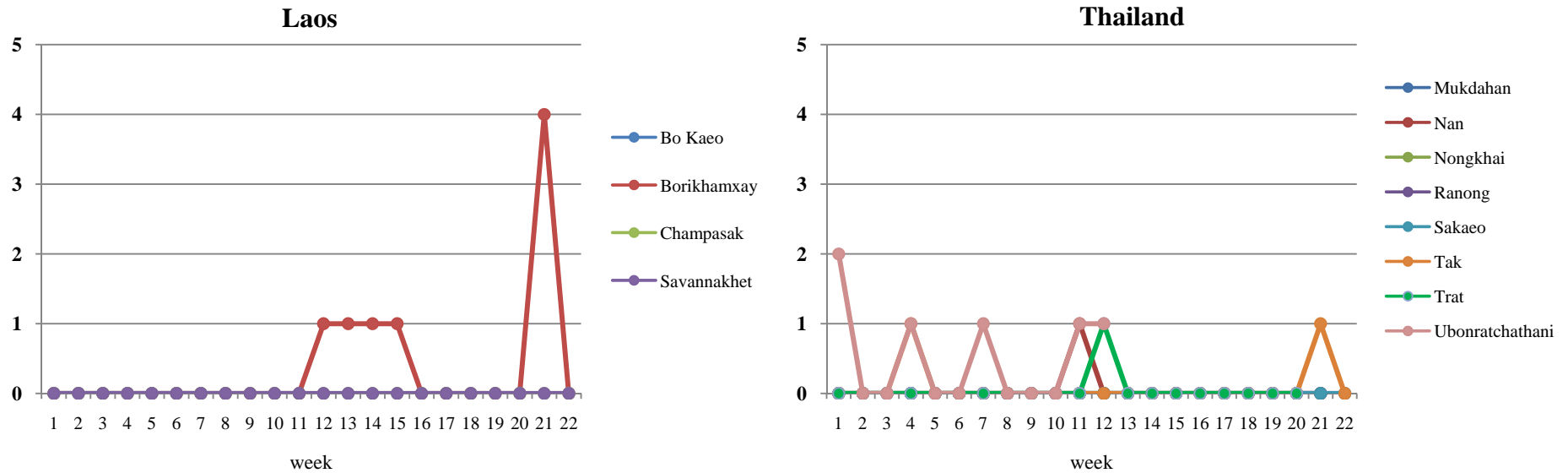
## Measles reported cases from MBDS XB (Jan – May 2014)



❖ No report received from Myanmar during Jan – May 2014

❖ No cases for Typhoid fever in China and Vietnam during Jan – May 2014

## Measles reported cases from MBDS XB separate by XB (Jan – May 2014)



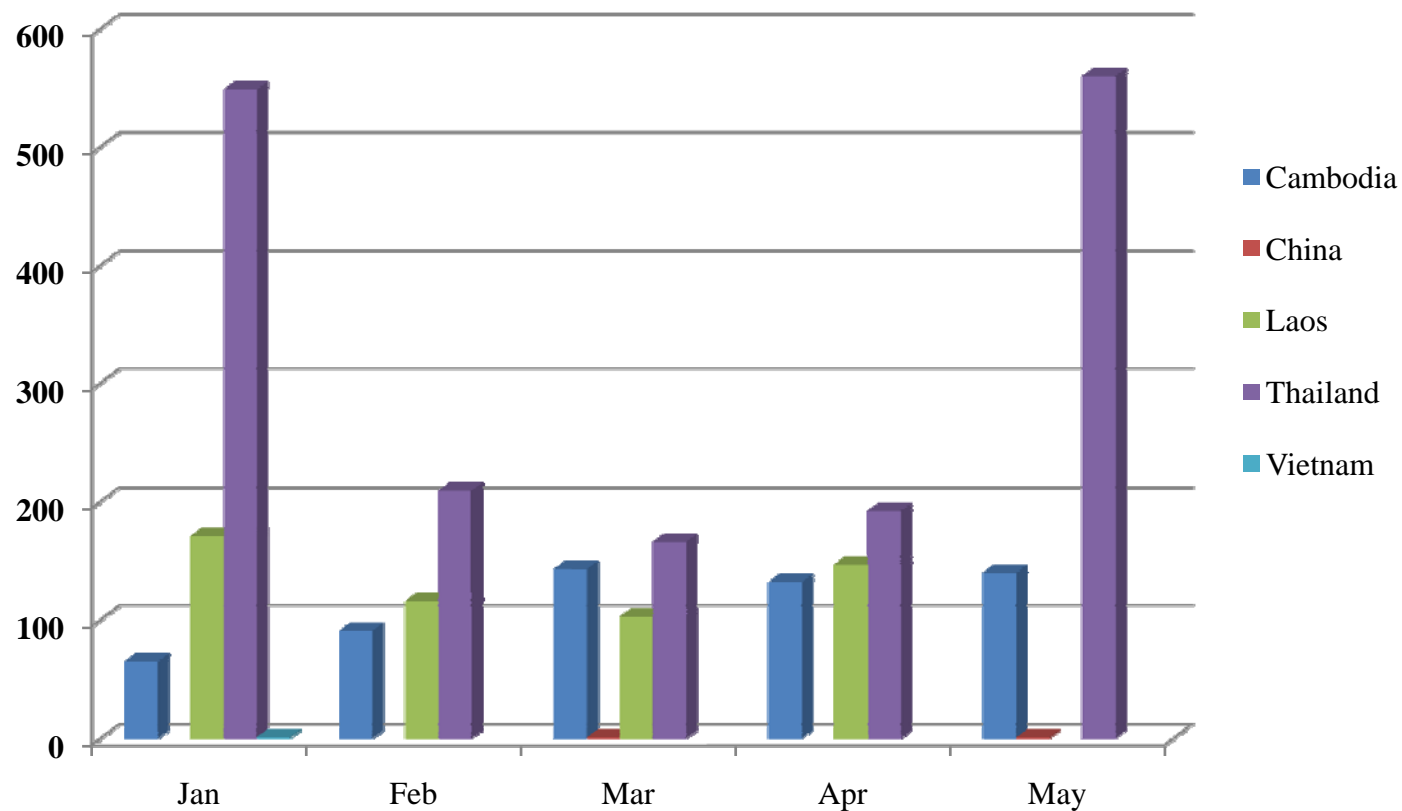
**Cambodia**, there were **totally 2 cases** from **Banteaymeanchey** cross border site **in March** (week 11 and week 12).

# Monthly Report

- Diseases of report:
  - Malaria and
  - Pneumonia



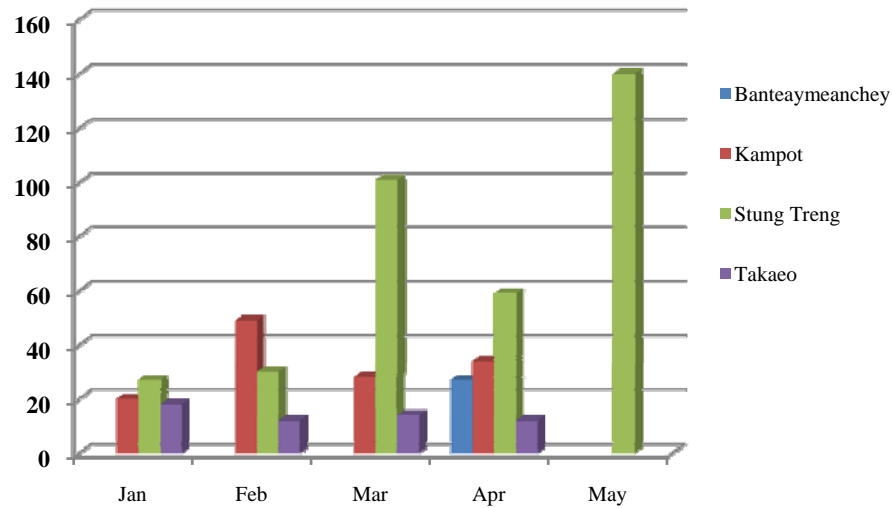
## Malaria reported cases from MBDS XB separate by country (Jan – May 2014)



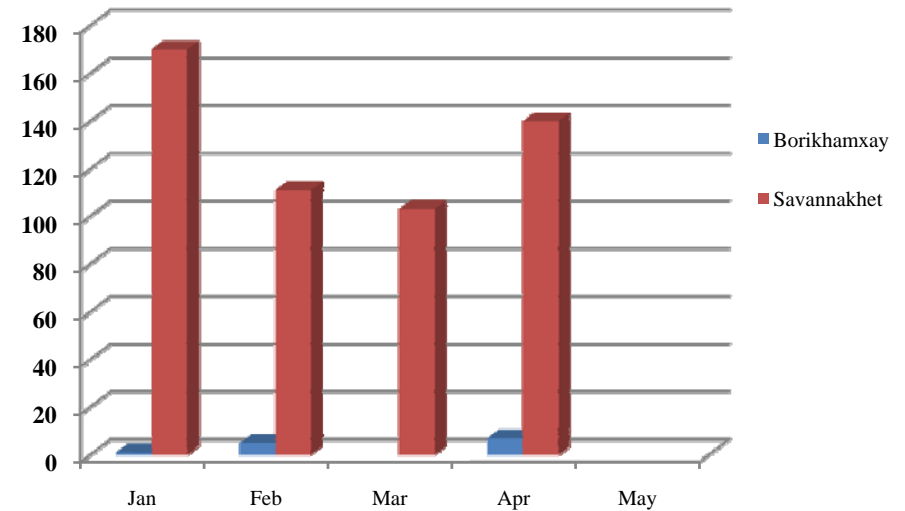
❖ No report received from Myanmar during Jan – May 2014

## Malaria reported cases from MBDS XB separate by XB (Jan – May 2014)

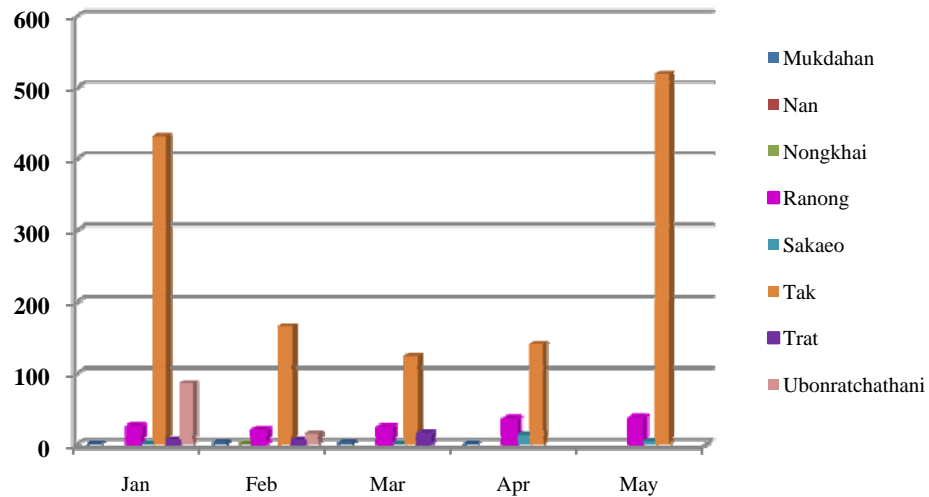
### Cambodia



### Laos



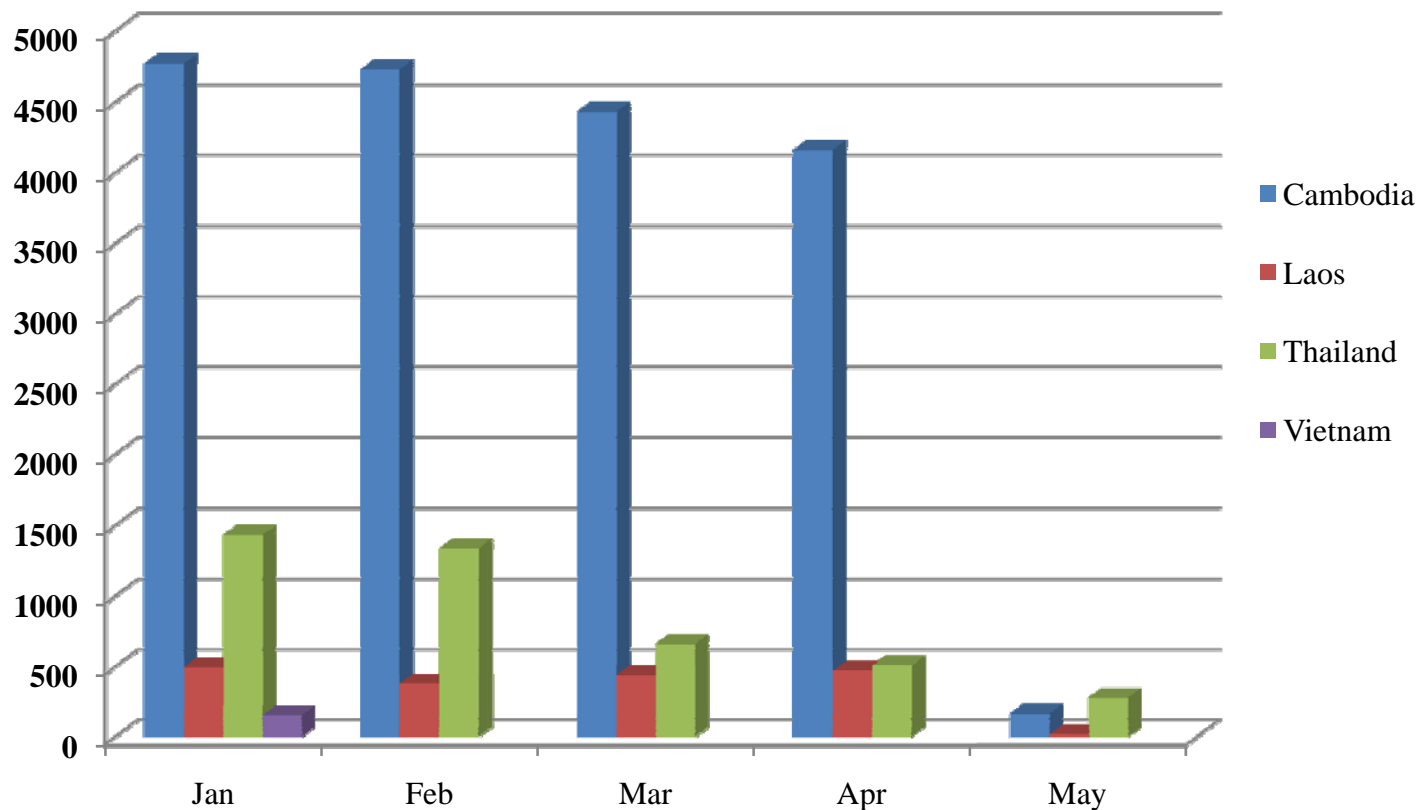
### Thailand



**China**, there were **totally 2 cases** from **Mengla** cross border site of Yunnan **in March and May**.

**Vietnam**, only **one case** from **An Giang** cross border site **in January**.

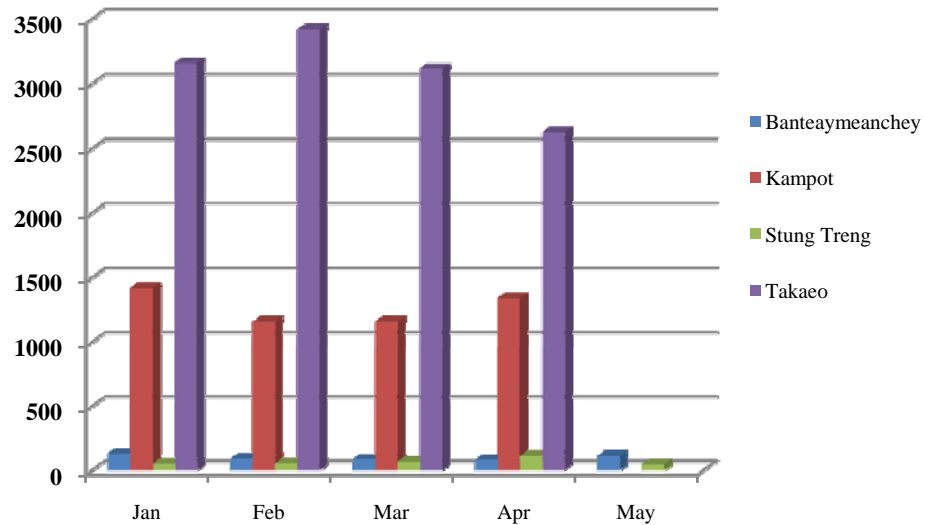
## Pneumonia reported cases from MBDS XB separate by country (Jan – May 2014)



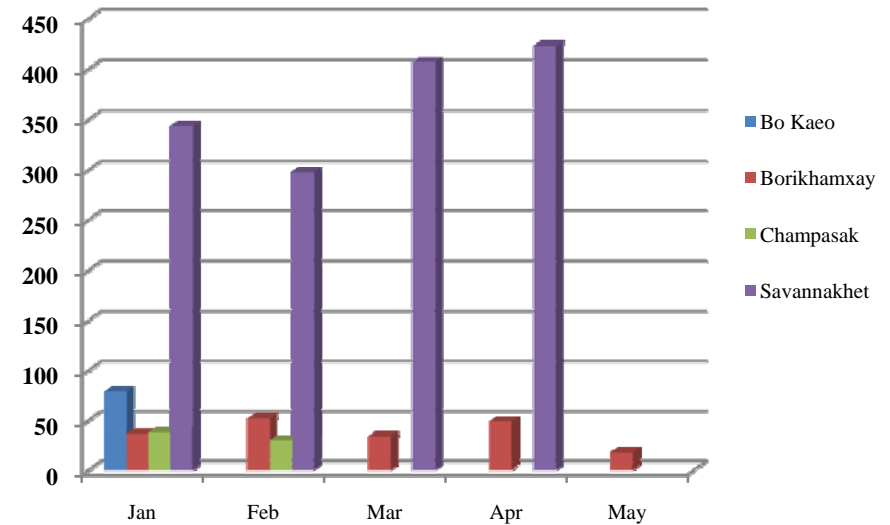
- ❖ No report received from Myanmar during Jan – May 2014
- ❖ No cases for Pneumonia in China during Jan – May 2014

## Pneumonia reported cases from MBDS XB separate by XB (Jan – May 2014)

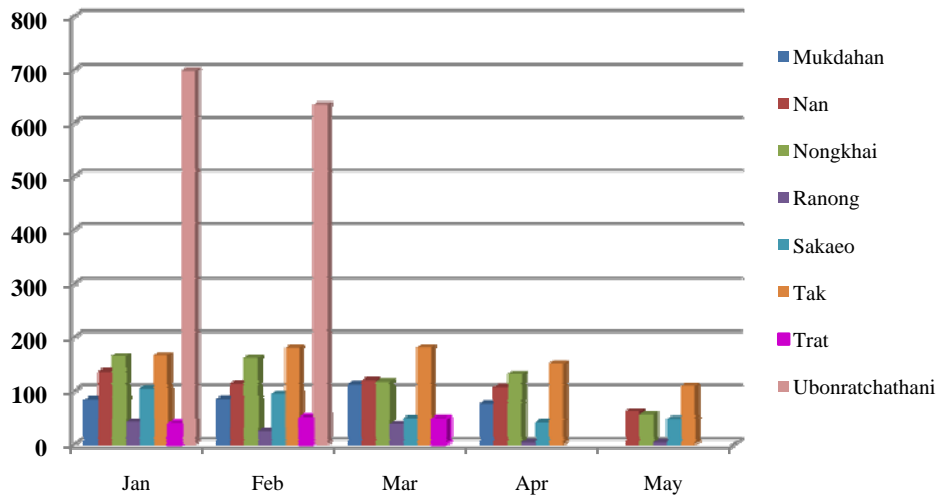
### Cambodia



### Laos



### Thailand

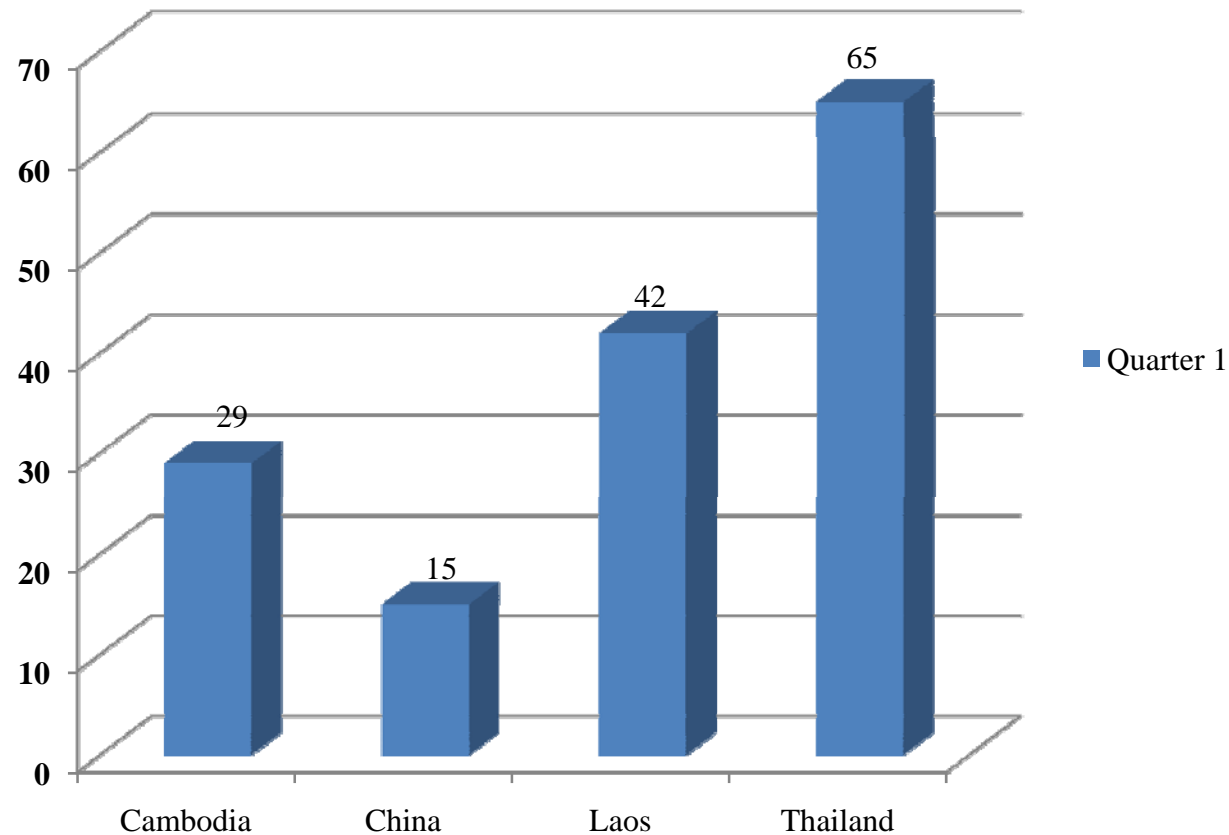


**Vietnam, there were totally 152 cases from An Giang cross border site in January.**

# Quarterly Report

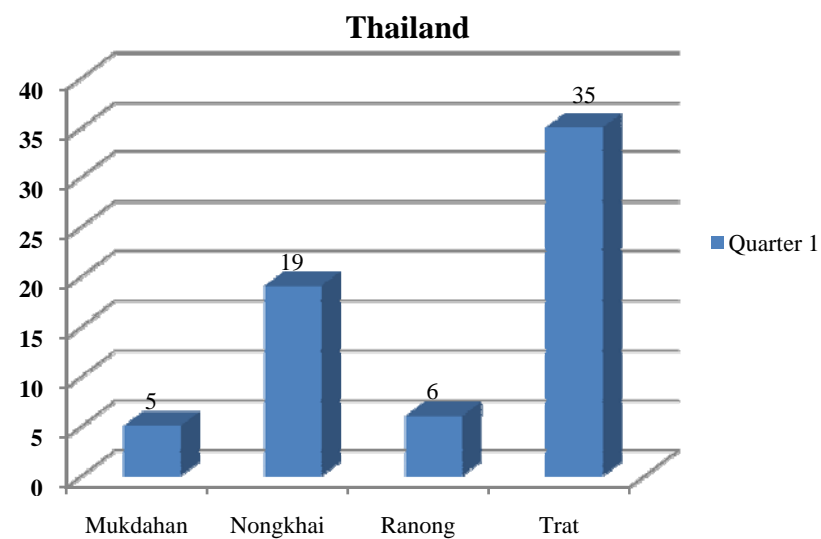
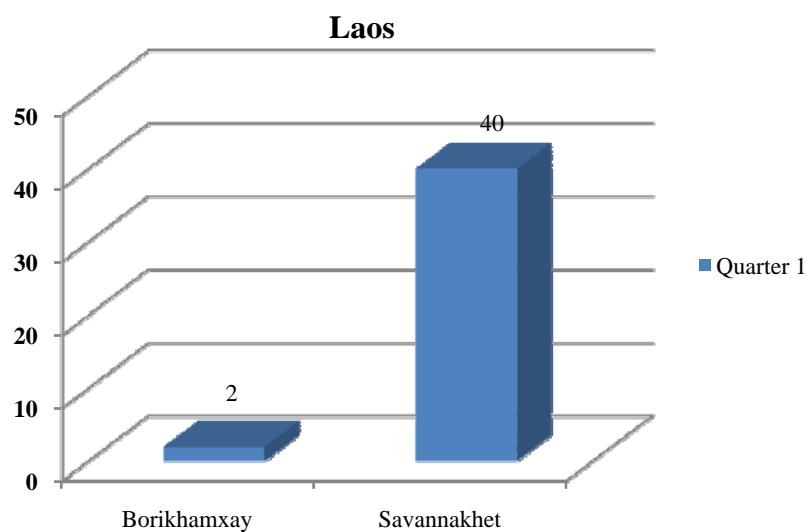
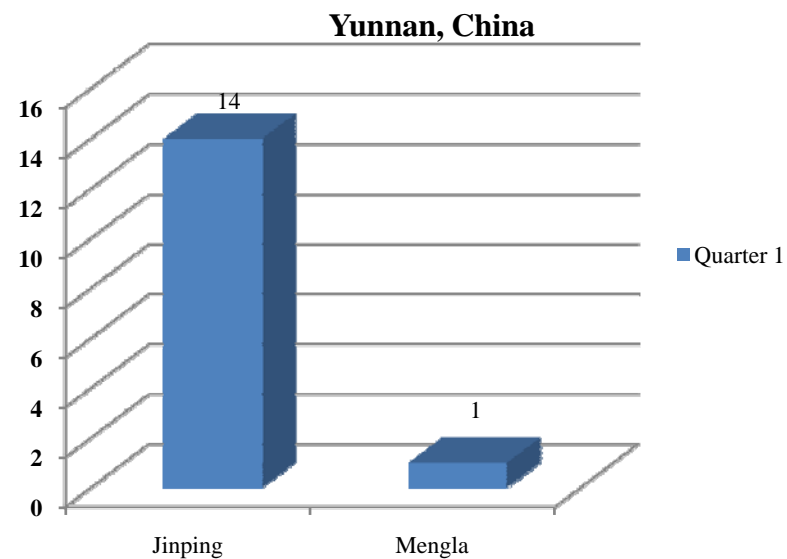
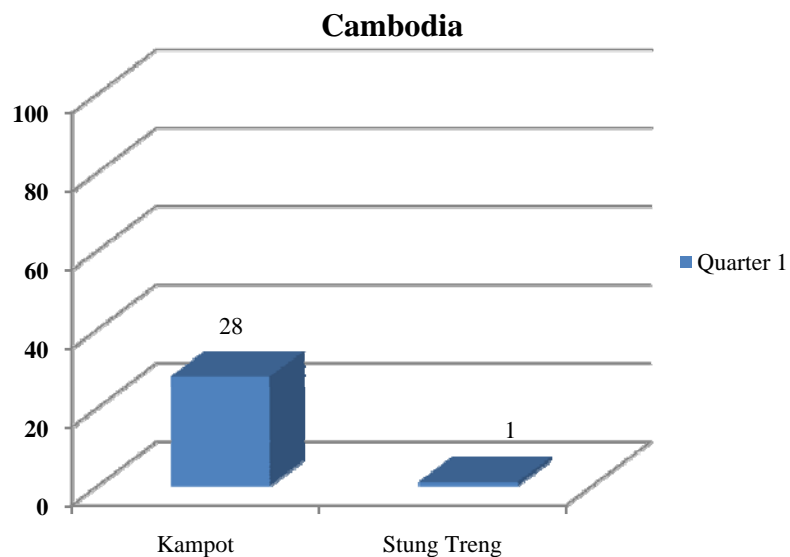
- Diseases of report :
  - HIV/AIDs and
  - Tuberculosis (TB)

## HIV/AIDS reported cases from MBDS XB (Jan – May 2014)

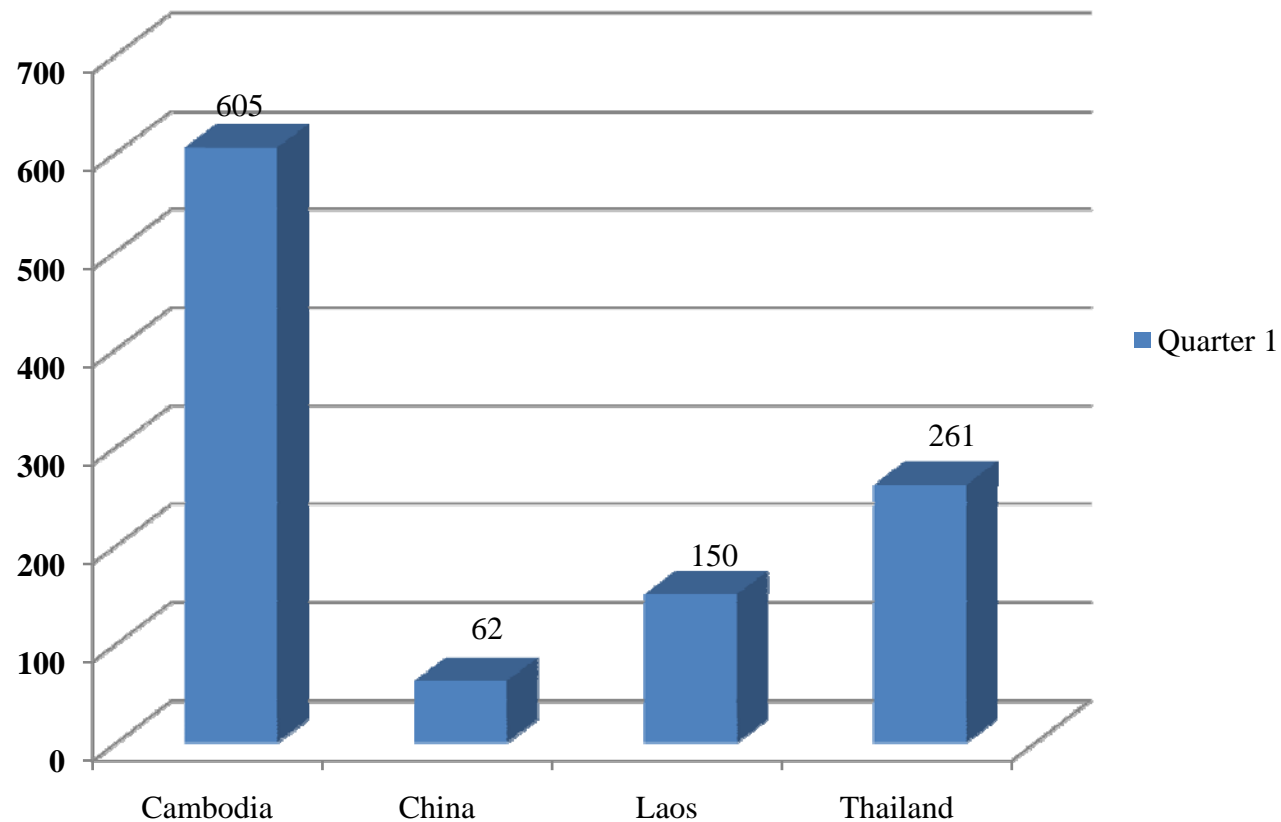


❖ No report received from Myanmar and Vietnam during Jan – May 2014

## HIV/AIDS reported cases from MBDS XB separate by XB (Jan – May 2014)



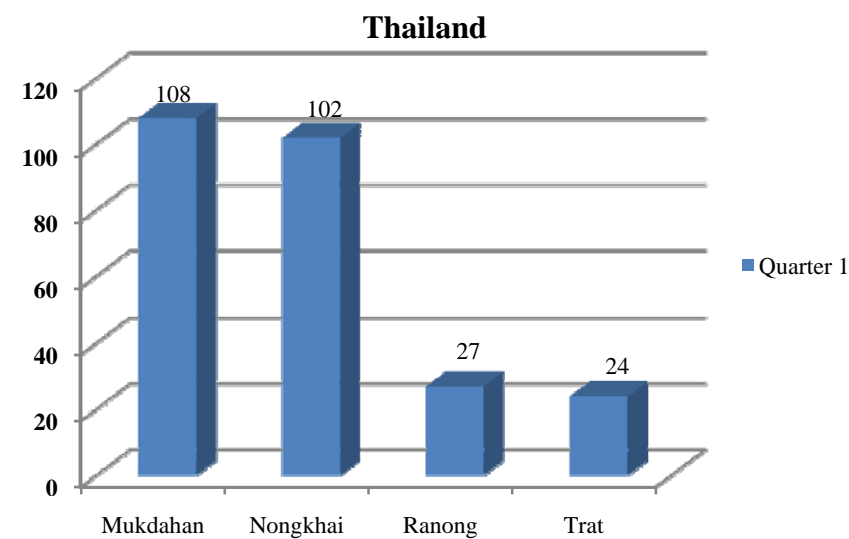
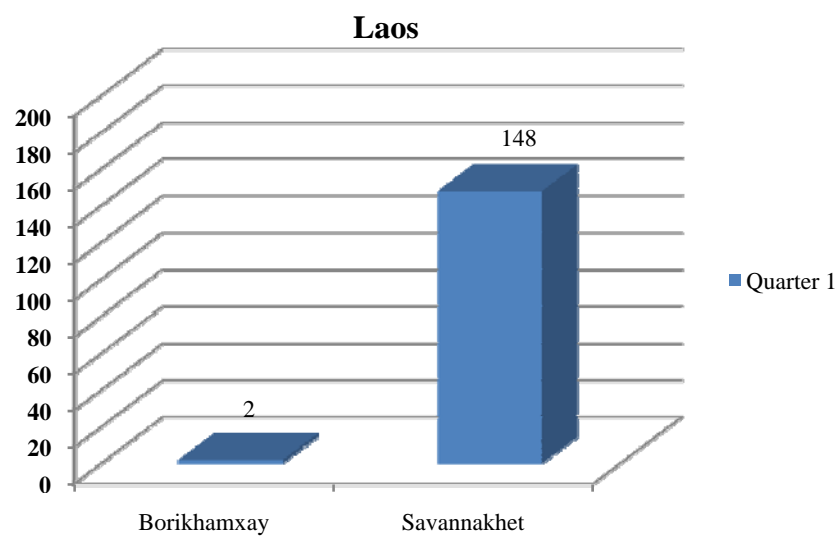
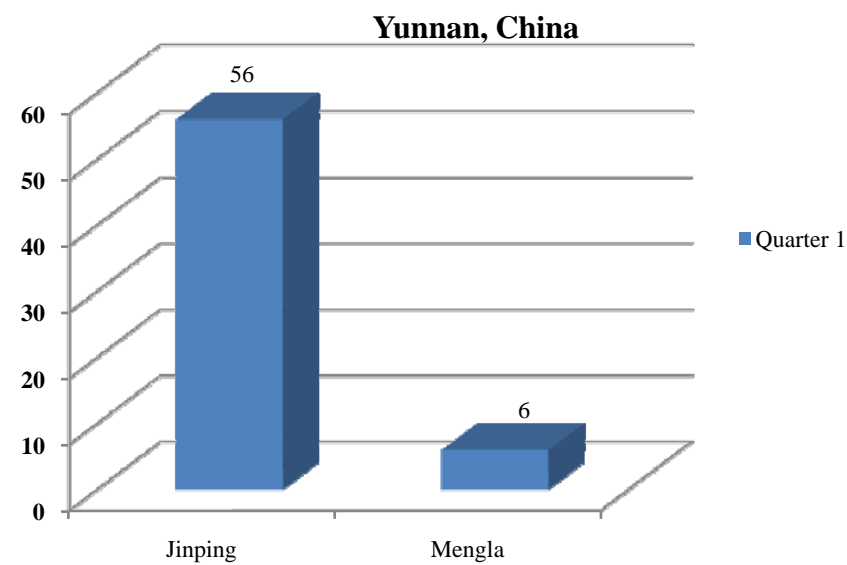
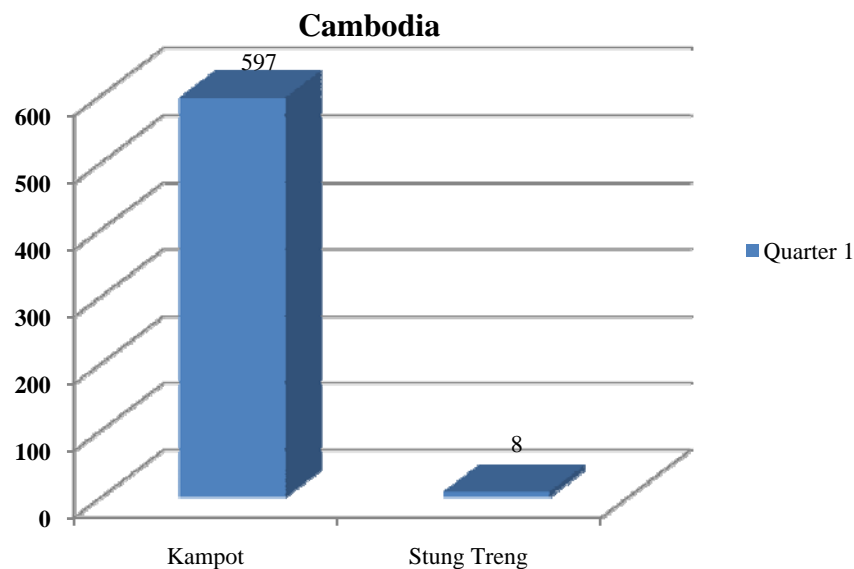
## Tuberculosis reported cases from MBDS XB (Jan – May 2014)



❖ No report received from Myanmar and Vietnam during Jan – May 2014



## Tuberculosis reported cases from MBDS XB separate by XB (Jan – May 2014)



# Acknowledgement

## 6 MOH from Member Countries, MBDS XB Coordinators

- Dr. Keo Pichsovann : Banteay Meacheay
- Dr. Tum Kimly : Takao
- Ms. Vanida Bounnhoseng : Champasak
- Ms. Sisouphane Phousawat : Borikhamxay
- Mr. Ekachai Ngamsaeng : Mukdaharn
- Mr. Somkeat Thonglek : Sakao
- Ms. Duangsamorn Buranapiyawong : Nongkhai
- Dr. Vo Huy Danh: An Giang
- Mr. Ngo Manh Vu : Lang Son
- Mr. Pairote Chuchat :Ranong
- Mr. Keo Lim : Kampot
- Mr. Nop Sokun : Koh Kong
- Mr. Bang Duong : Ha Tinh
- Ms. Waleerat Apaibunditkul : Ubon Ratchathani
- Dr. Toe Thiri: Myawaddy, Tachilek, Kawthaung
- Mrs. Muth Sen : Stung Treng
- Ms. Orlathah : Savannakhet
- Mrs. Ketchanh Sisavath: Bo Kaeo
- Dr. Phonetavy Khodsimeung : Vientiane
- Mr. Phinit Srisai : Chiang Rai
- Ms. Khanueng Khamrangsee: Nan
- Dr. Le Viet: Quang Tri
- Dr. Qin Ming Fang : Mengla and Jinping
- Dr. Li Huiyang : Pingxiang, Dongxing
- MBDS LNT : Luang Namtha
- Mrs. Var Vanna : Kampong Cham
- Mr. Somnuk Ketkowitz : Trat
- Mr. Pham Thanh Ngoc : Lai Chau
- Ms. Wiraporn Khomnasang: Tak



# Acknowledgement

Rockefeller Foundation

RAND

- Dr. Melinda Moore

- Dr. David Dausey

InSTEDD

- Mr. Nicolas di Tada

- Mr. Eduardo Jezierski



**Thank you very much**

**MBDS Foundation Secretariat**

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