

**World Health Organization**



**WHO Global Task Force on TB Impact Measurement**  
**Sub-group on TB prevalence surveys**  
*Repeat prevalence surveys in Asia: design and analysis*  
**8 - 11 February 2012**  
**Phnom Penh, Cambodia**

**AGENDA**

**Objectives**

- 1) To review and discuss the analyses of repeat surveys in Cambodia and China
- 2) To determine the appropriate survey design, according to international standards, for Asian countries planning a repeat nationwide TB prevalence survey before 2015

**Expected Outcomes**

- 1) Participants are familiar with the design and analysis of 2010/2011 repeat surveys in Cambodia and China
- 2) Recommendations for the optimal timing and design, according to international standards, of repeat nationwide TB prevalence surveys planned in the Philippines, Viet Nam and Myanmar

Time	Topic	Presenter
<b>Workshop on repeat TB disease prevalence surveys</b>		
<b>Day 1: 8 Feb 2012 (Wednesday), Cambodiana Hotel, Phnom Penh</b>		
14:00-14:15	<u>Opening:</u> Welcome addresses including meeting objectives and introduction of the participants	NTP & WHO
14:15-14:25	<u>Presentation:</u> A brief overview of global progress in TB prevalence surveys	Ikushi Onozaki
14:25-14:40	<u>Presentation:</u> Why are repeat surveys important, when are they appropriate and when they should be discontinued?	Ikushi Onozaki
14:40-15:00	<u>Presentation:</u> The 2010-2011 Cambodia repeat survey: sampling design and comparison of survey methods (sampling, screening and diagnostic) with the 2002 survey	Norio Yamada & Kosuke Okada
15:00-15:15	<u>Discussion</u>	All
<b>15:15 - 15:30 Coffee break</b>		
15:30-15:50	<u>Presentation:</u> The 2010 China repeat survey: sampling design and comparison of survey methods (sampling, screening and diagnostic) with the 2000 survey	Xia Yinyin
15:50-16:15	<u>Discussion</u>	All
16:15-16:35	<u>Presentation:</u> Indonesia and Myanmar; the challenges in assessing change in prevalence with repeat surveys of different design	Ikushi Onozaki & Mohammad Noor Farid
16:35-17:00	<u>Discussion</u>	All
17:00-17:30	<u>Preparation for Day 2</u>	Facilitators

Time	Topic	Presenter
<b>Workshop on repeat TB disease prevalence surveys</b>		
<b>Day 2: 9 February 2012 (Thursday), Cambodiana Hotel, Phnom Penh</b>		
09:00-10:00	<u>Presentation</u> : Sampling design of repeat surveys: an overview of recommendations in the Lime Book	Babis Sismanidis Fulvia Mecatti
<b>10:00 - 10:15 Coffee break</b>		
10:15-11:30	<p><u>Group Work (Part 1)</u>: Sampling design of repeat surveys in the Philippines, Viet Nam, Myanmar</p> <p>What factors have influenced TB prevalence, in which direction, and by how much since the previous survey?</p> <p><i>Data required</i>: TB notification data, HIV, GDP, share of notifications from PPM sites, funding-expenditure for TB, indicators for good performance of TB control activities (e.g. treatment success, mortality), demographic population changes</p>	Group work followed by feedback in plenary
11:30-12:00	<u>Presentation</u> : Sample size calculator (Frequentist)	Babis Sismanidis
12:00-12:30	<u>Presentation</u> : Sample size calculator (Bayesian)	Fulvia Mecatti
<b>12:30 - 13:30 Lunch</b>		
13:30- 15:30	<u>Group Work (Part 2)</u> : Exploring different sample size scenarios (based on both frequentist and Bayesian approaches) of repeat surveys in the Philippines, Viet Nam, Myanmar and based on precision for Bangladesh	Groups with facilitators
<b>15:30 - 15:45 Coffee break</b>		
15:45-18:00	<u>Group Work (Part 2) : Continued</u>	Groups with facilitators

Time	Topic	Presenter
<b>Workshop on repeat TB disease prevalence surveys</b>		
<b>Day 3: 10 February 2012 (Friday), Cambodiana Hotel, Phnom Penh</b>		
9:00-10:30	<u>Group Work (Part 2) : Continued</u>	Groups with facilitators
<b>10:30 - 10:45 Coffee break</b>		
10:45-12:00	<u>Group Work (Part 2) : Continued</u>	Groups with facilitators
12:00-13:00	<u>Presentation</u> : Diagnostic methods in repeat surveys	Ikushi Onozaki
<b>13:00 - 14:00 Lunch</b>		
14:00-15:45	<u>Presentation of Group Work</u>	Groups
<b>15:45 - 16:00 Coffee break</b>		
16:00-16:30	<u>Presentation</u> : Assessing the change in TB prevalence in China based on the 2000 and 2010 nationwide surveys: analytical methods and results	Xia Yinyin
16:30-17:00	<u>Presentation</u> : Assessing the change in TB prevalence in Cambodia based on the 2002 and 2010 nationwide surveys: analytical methods and results	Norio Yamada
17:00-17:30	Closing of the workshop and next steps	Ikushi Onozaki Katherine Floyd

#### Group composition

- *Group 1* (Bangladesh): Nuruzzaman Haque, Mushtuq Hussein, Vikarunnessa Begum, Ikushi Onozaki, Muhammed Farid, Peou Satha, Kosuke Okada
- *Group 2* (Myanmar): Thandar Lwin, Su Kyi Myo, Fulvia Mecatti, Sian Floyd, Norio Yamada, Irwin Law
- *Group 3* (the Philippines): Maridel Borja, Nemia Sucaldito, Philippe Glaziou, Woojin Liu
- *Group 4* (Viet Nam): Binh Hoa Nguyen, Viet Nhung Nguyen, Nobu Nishikiori, Cornelia Hennig, Yinyin Xia, Babis Sismanidis