

# REGIONAL WORKSHOP ON TB SURVEILLANCE AND IMPACT MONITORING IN AFRICA

**Harare, Zimbabwe– 29 November to 3 December 2010**

## **Objectives**

- (1) to discuss the major recommendations for measuring TB incidence, prevalence and mortality provided by the WHO Global Task Force on TB Impact Measurement;
- (2) to review existing estimates of TB incidence, prevalence and mortality and the methods used to produce them, on a country-by-country basis; and
- (3) to assess the reliability and completeness of notification data, what percentage of incident TB cases are included in TB notifications, and whether trends in TB notifications reflect trends in TB incidence.
- (4) to make concrete suggestions on how to improve TB control impact measurements and accuracy of data in order to influence future prioritization of strategies.

## **Expected Outcomes**

1. All participants understand current TB disease burden estimation methods, how they have been applied for their own country and have identified how the estimates could be improved with available data or with data that could be compiled in the future
2. Agreement on updated TB estimates
3. Definition of next steps to improve estimates

## **Methods**

1. Review/discuss existing methods (incidence, prevalence and mortality).
2. Application of WHO framework for assessment of incidence.
3. Presentations, plenary discussion and group work. The group work will consist of a set of questions for each country to answer. The facilitator will explain each question with examples of possible answers. Each country will then answer the question on their own

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## Day 1

Time	Presentations/group work	Presenters
9:00–9:30	<b>Opening, including explanation of workshop objectives and expected outcomes</b>	WHO/AFRO, WHO/HQ
	Introduction of participants	All
9:30–10:15	<b>Presentation: Overview of methods used by WHO to estimate TB incidence, prevalence and mortality</b> Questions and discussion	P. Glaziou
10:15–10:45	Coffee break	
10:45–11:00	<b>Presentation: TISAT exercise</b>	GF
11:00–13:00	<b>Presentation: WHO Task Force Framework on assessment of surveillance data - Revisiting the "Onion model"</b> Questions and discussion	A. Bierrenbach
13:00–14:00	Lunch break	
14:00–15:30	<b>Group work (complete the TISAT and the first section of the Workbook)</b>	
15:30–16:00	Coffee break	
16:00–18.00	<b>Presentation: Assessing the reliability and completeness of notification data</b> Questions and discussion followed by <b>Group work (complete the second section of the Workbook)</b>	T. Hiatt

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## Day 2

Time	Presentations/group work	Presenters
9:00–10:30	<b>Presentation: Assessment of whether trends in TB notifications over time reflect trends in TB incidence</b> Questions and discussion followed by <b>Group work (complete the third section of the Workbook)</b>	P. Glaziou / T. Hiatt
10:30–10:45	Coffee break	
10:45–13:00	<b>Group work: “onion model” and trends assessment in practice</b>	All
13:00–14:00	Lunch break	
14:00–15:00	<b>Assessment of whether TB notifications include all incident TB cases, capture-recapture - Demonstration</b>	A. Bierrenbach P. Glaziou
15:00–15:30	<b>Electronic recording and reporting</b>	TBD
15:30–16:00	Coffee break	
16:00–16:30	<b>Prevalence surveys of disease</b>	B. Sismanidis
16:30–17:00	<b>Analysing TB disease prevalence survey data</b>	B. Sismanidis

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## Day 3

Time	Presentations/group work	Presenters
9:00-9:30	<b>Are tuberculin surveys useful to assess TB incidence?</b>	B. Sismanidis
9:30-10:30	<b>Planning</b> Questions and discussion followed by group work (complete the fourth section of the Workbook)	A. Bierrenbach
10:30–10:45	Coffee break	
10:45–13:00	<b>Develop country plans and presentations</b> (4 slides including 1) on estimates + 2) revised assumptions of estimates (if any) + 2 slides on country plan)	All
13:00–14:00	Lunch break	
14:00–15:30	<b>Develop country plans, prepare country presentation (continued)</b>	All
15:30–16:00	Coffee break	
16:00–18.00	<b>Develop country plans, prepare country presentation (continued)</b>	All

## Day 4

Time	Presentations/group work	Presenters
9:00-9:20	<b>Feedback from TISAT exercise</b>	GF
9:20–10:30	<b>Country presentation and discussion</b>	Country representatives
10:30–10:45	Coffee break	
10:45-13:00	<b>Country presentation and discussions (continued)</b>	Country representatives
13:00–14:00	Lunch	
14:00–15:30	<b>Country presentation and discussions (continued)</b>	Country representatives
15:30–16:00	Coffee break	
16:00–17:00	<b>Country presentation and discussions (continued)</b>	Country representatives

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**Day 5**

<b>Time</b>	<b>Presentations/group work</b>	<b>Presenters</b>
9:00–10:30	<b>M&amp;E and Global Fund</b>	GF, TBD
10:30–10:45	Coffee break	
10:45–11:15	<b>Partners' perspective</b>	TBD
11:15–12:00	<b>Conclusions and recommendation Closing</b>	WHO/WPRO, P Glaziou
13:00–14:00	Lunch	
14:00–15:30	<b>Meeting with Secretariat – review of updated estimates for AFRO countries, regional M&amp;E plan, meeting report</b>	Secretariat
15:30–16:00	Coffee break	
16:00–17:00	<b>Meeting with Secretariat (continued)</b>	Secretariat