

# ASSESSING tuberculosis UNDER-REPORTING THROUGH inventory studies



World Health  
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Assessing tuberculosis under-reporting through inventory studies.

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# Contents

<b>ACKNOWLEDGEMENTS</b>	<b>v</b>
<b>INTRODUCTION</b>	<b>vii</b>
<b>CHAPTER 1 Inventory studies: what, why, where and how?</b>	<b>1</b>
1.1 What is an inventory study?	2
1.2 Why are inventory studies important and where are they relevant?	2
1.3 Goal and objectives	6
1.4 Essential ingredients required for an inventory study to be feasible and successful	7
1.5 Enabling factors that greatly facilitate implementation of an inventory study	10
1.6 Limitations of capture–recapture methods	11
References	12
<b>CHAPTER 2 Study design</b>	<b>14</b>
2.1 Study design 1: measuring the level of TB under-reporting by simple random sampling of well-defined geographical areas and prospective data collection among all health-care providers in those areas	17
2.2 Study design 2: measuring the level of TB under-reporting and estimating TB incidence using capture–recapture methods with prospective data collection among all health-care providers in selected areas	26
2.3 Study design 3: retrospective analysis of existing databases	31
Appendix 2.1 Time to notification	34
Appendix 2.2 Study design 4: prospective data collection and lot quality assurance sampling to assess if TB under-reporting is minimal	35
References	44

<b>CHAPTER 3</b>	<b>Preparing and implementing an inventory study</b>	<b>46</b>
3.1	Study protocol	47
3.2	Inventory study team	47
3.3	Field activities: mapping of providers and data collection	50
3.4	Data collection and management	53
3.5	Monitoring	57
3.6	Ethical considerations	58
Appendix 3.1	Supervision checklist	60
Appendix 3.2	Budget template	62
Appendix 3.3	Budget for monthly visits and incentives in the 2010 inventory study in Yemen	65
Appendix 3.4	Instructions to health-care providers (Yemen 2010)	66
	References	67
<b>CHAPTER 4</b>	<b>Record-linkage</b>	<b>68</b>
4.1	Deterministic and probabilistic record-linkage	69
4.2	The main steps in the record-linkage process	70
4.3	An example of record-linkage	77
4.4	Record-linkage software programs	80
	References	83
<b>CHAPTER 5</b>	<b>Data analysis and reporting</b>	<b>84</b>
5.1	Data description	85
5.2	Adjustments for sampling design	86
5.3	Missing data	89
	References	90
<b>CHAPTER 6</b>	<b>Capture-recapture modelling</b>	<b>91</b>
6.1	Models using two-data sources	92
6.2	Models using three-data sources	94
6.3	An example of capture-recapture modelling: Iraq	94
6.4	Alternative models: the example of Iraq	101
6.5	Limitations	109
	References	111

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# Introduction

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The World Health Organization (WHO) declared tuberculosis (TB) a global public health emergency in 1993, when an estimated 7–8 million cases and 1.3–1.6 million deaths occurred each year [1]. In 2011, there were 8.3–9.0 million cases and 1.3–1.6 million deaths from TB. Despite the availability of treatment that can cure over 90% of cases, TB remains the second leading cause of death from an infectious disease worldwide after the human immunodeficiency virus (HIV), which caused an estimated 1.7 million deaths in 2011 [2].

Global targets for reducing the burden of disease caused by TB have been set for 2015. The target set within the United Nations Millennium Development Goals (MDGs) is that TB incidence – the number of new cases of TB arising each year – should be falling by 2015. The Stop TB Partnership has set two additional targets, which are to halve rates of TB prevalence and mortality (per 100 000 population) by 2015 compared with 1990. To assess whether these targets are reached, and to build a foundation for better measurement of progress in the post-2015 period, robust monitoring and evaluation of trends in the burden of TB are essential.

In 2006, WHO established a Global Task Force on TB Impact Measurement with the following mandate:

- To produce a robust, rigorous and widely endorsed assessment of whether the 2015 targets for reducing TB incidence, prevalence and mortality are achieved at global, regional and country levels;
- To regularly report on progress towards these targets in the years leading up to 2015; and
- To strengthen national capacity in monitoring and evaluation of TB control

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