



ROLLINS SCHOOL OF PUBLIC HEALTH

## Introduction

- **Tuberculosis (TB) remains a public health threat in** KSA with challenges that limit its prevention and control.
- Laboratory diagnosis plays a key role in an effective **TB** program.

## Methods

Estimated the TB incidence rates (IR) and 95% confidence interval (CI) stratified by nationality, gender, and administrative regions from 2005 – 2012 Calculated proportion of TB cases, by age category, employment status, and nationality

Assess laboratory capabilities by determining the proportion of laboratory-confirmed TB cases

Figure 1. Incidence Rates of Reported Cases of Tuberculosis, by Gender and Nationality, Kingdom of Saudi Arabia, 2005 – 2012

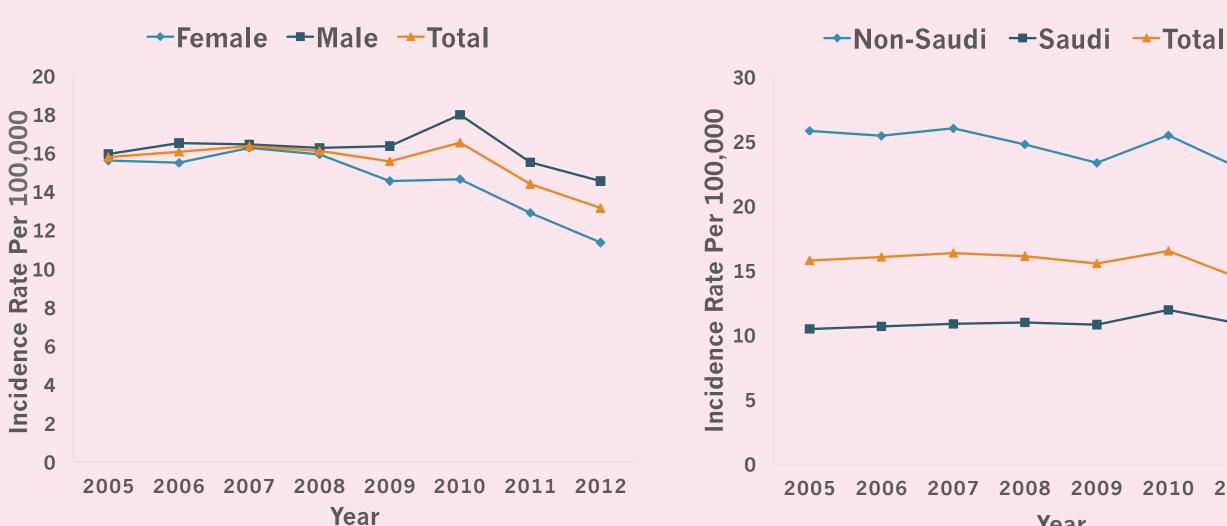
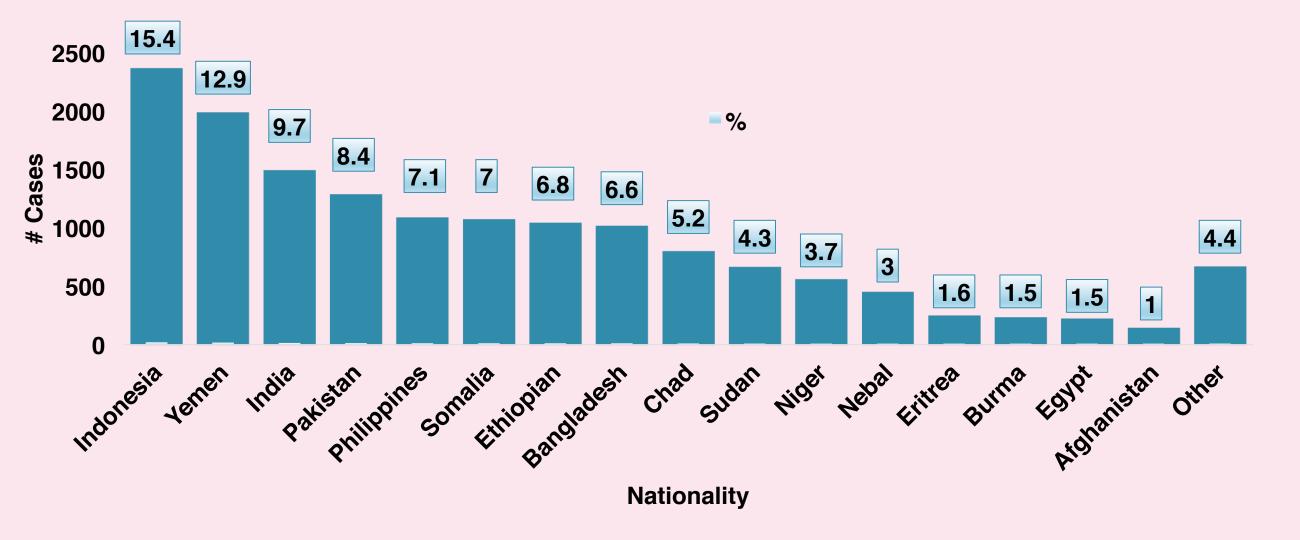


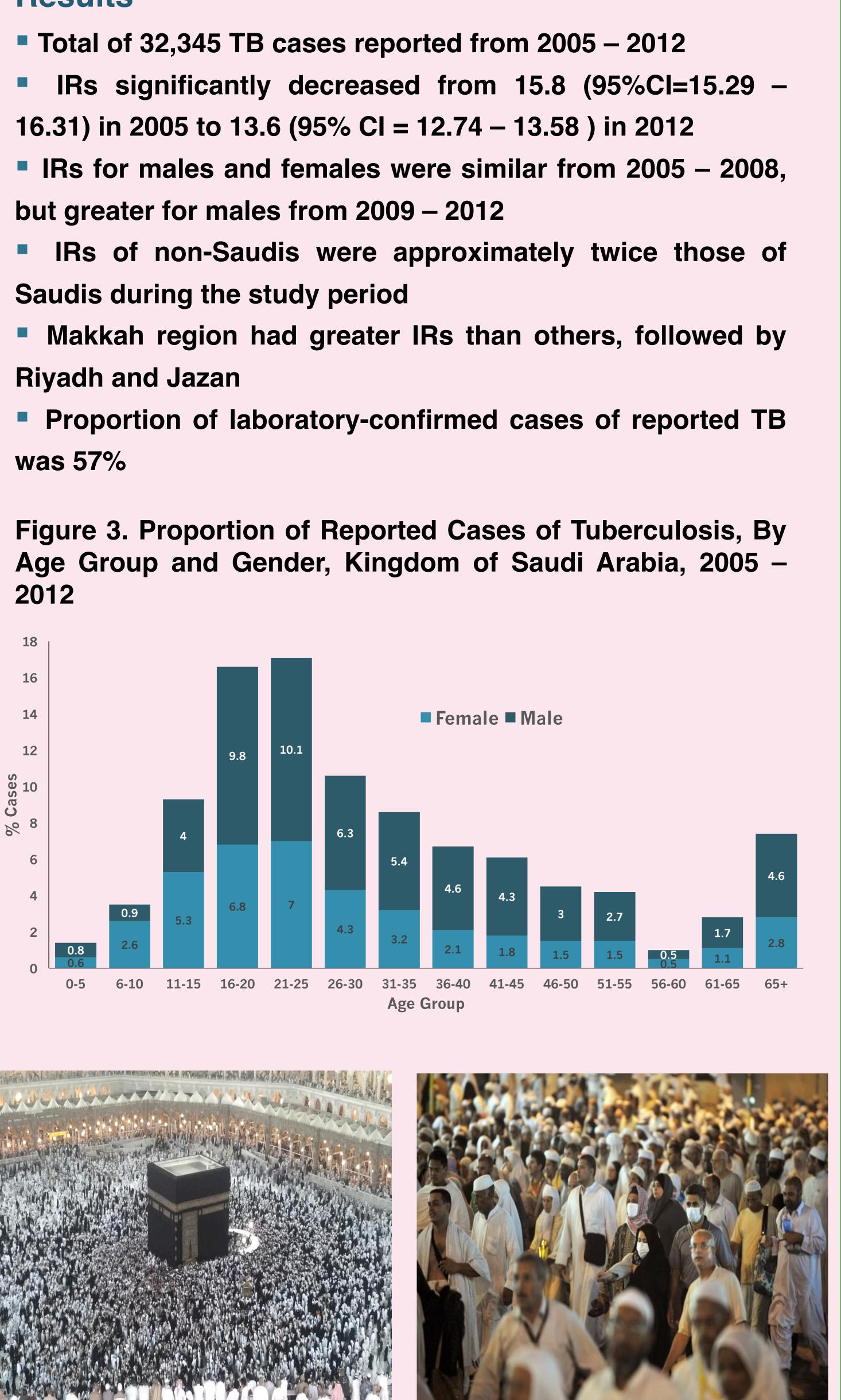
Figure 2. Number and Proportion of Reported Cases of Tuberculosis, by Nationality, Kingdom of Saudi Arabia, 2005 – 2012

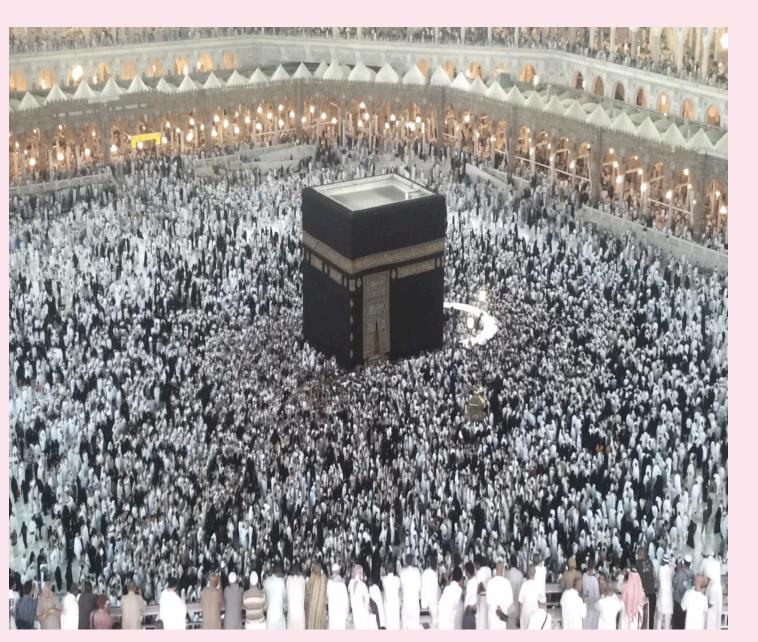


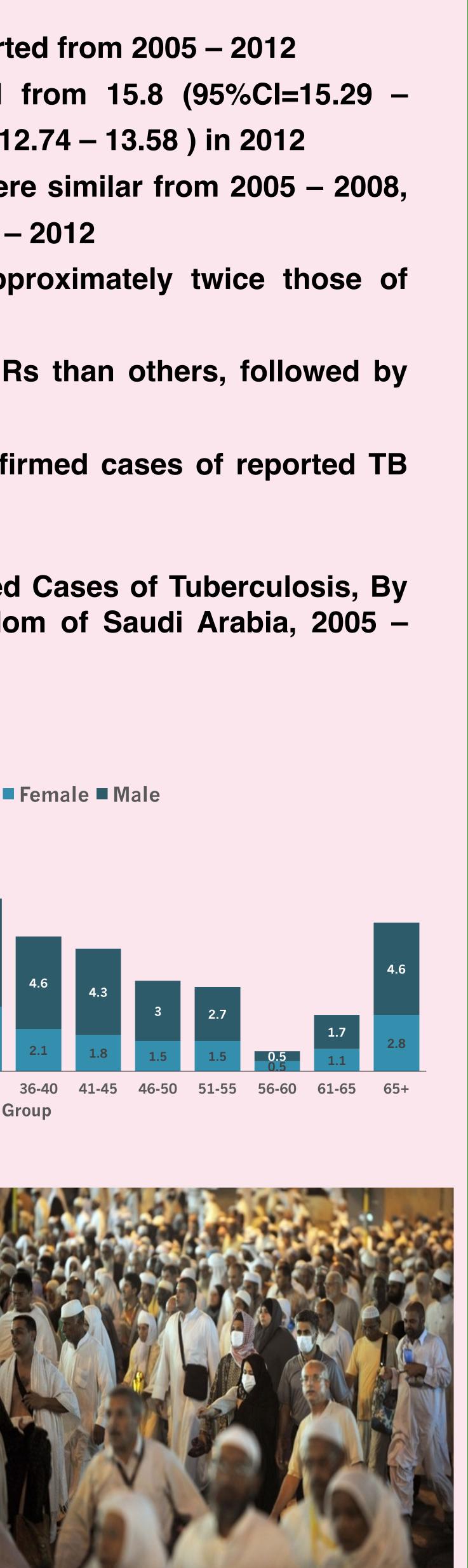
# **Distribution and Determinants of Tuberculosis, Kingdom of Saudi Arabia, 2005 – 2012** Fahad Almutairi<sup>1</sup>, Tamara Tayeb<sup>1</sup>, Raffat Alhakeem<sup>1</sup>, Abdulaziz bin Saeed<sup>1</sup>, Abdullah Assiri<sup>1,2</sup>, Scott JN McNabb<sup>2</sup>

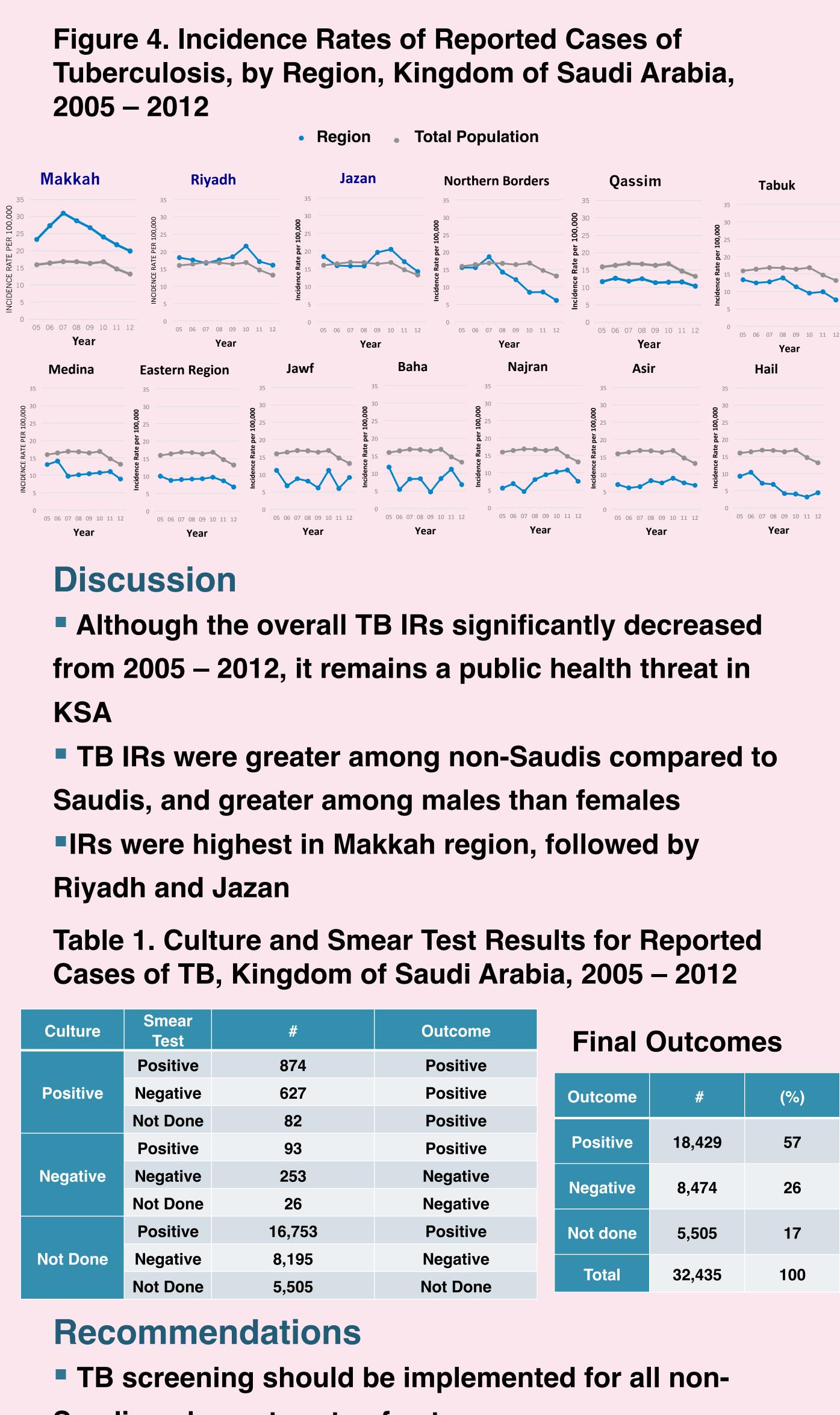
<sup>1</sup>Ministry of Health, Kingdom of Saudi Arabia, <sup>2</sup>Hubert Department of Global Health, Emory University, Rollins School of Public Health, Atlanta, GA, USA

### Results









the country and strengthened



#	Outcome	Final Outo	
874	Positive		
627	Positive	Outcome	#
82	Positive	Positive	18,4
93	Positive		
253	Negative	Negative	8,4
26	Negative		
16,753	Positive	Not done	5,5
8,195	Negative	Total	32,4
5,505	Not Done		

- Saudi workers at ports of entry
- Laboratory-screening should be evaluated throughout