

# THE CRISIS WITHIN SADC

## TB in the Mining Industry



**STOP TB Partnership Board Meeting – 11 July 2013**  
**Dr Aaron Motsoaledi, Minister of Health, South Africa**



# THE BIG USELESS DEBATE!

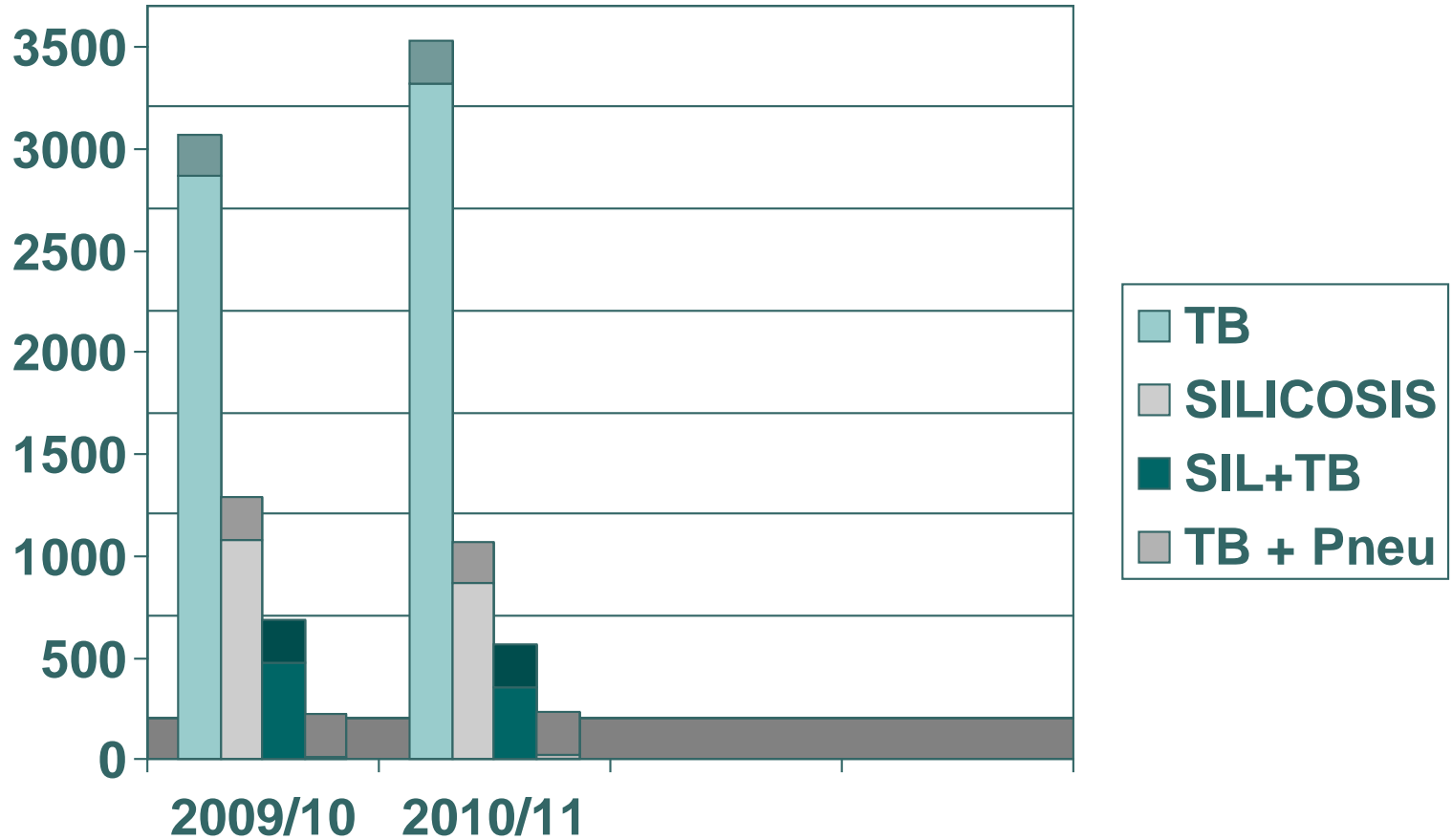
- Is the TB infection rate in RSA mines:
  - 3,000–7,000 per 100,000 population?
  - 2,984 per 100,000 population?
  - 5%?
- Does it matter which is correct?  
Whichever is correct:
  - Its higher than the RSA population rate of 1% estimated by WHO & that of Swaziland (1,200 per 100,000 population)
- Fangs of the snake are in RSA mines!



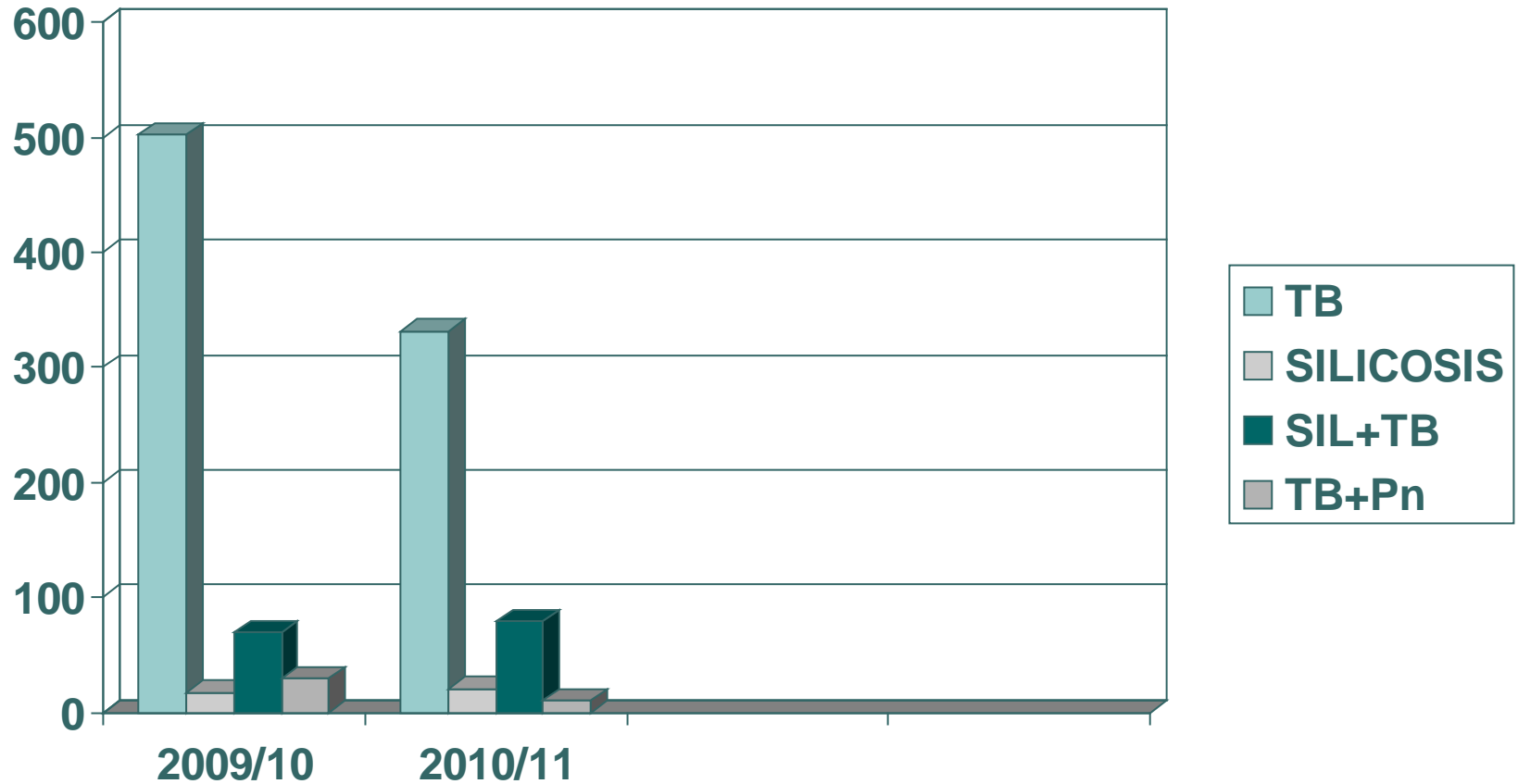
# WHAT IS THE IMPACT OF TB ON MINERS?

| <b>Sub/Sector</b> | <b>Fatalities<br/>(Accidents) -<br/>2009</b> | <b>Estimated TB<br/>cases - 2009</b> | <b>Estimated<br/>TB related<br/>deaths -<br/>2009</b> |
|-------------------|--|--------------------------------------|---|
| Mining Sector     | 167  | 24,590                               | 1,598   |
| Gold sub-sector   | 80   | 17,591                               | 1,143   |

# STATS FOR LIVING ACTIVE & EX-MINE WORKERS 2009/10-2010/11



# STATS FOR DECEASED MINE WORKERS





# D.A.L.Y – A MEASURE OF THE BURDEN OF ILL HEALTH

| Disease, Injury or condition     | Proportion of total DALYs (%) |
|----------------------------------|-------------------------------|
| HIV/AIDS                         | 30.9%                         |
| Tuberculosis                     | 3.7%                          |
| <b>[Combined]</b>                | <b>[34.6%]</b>                |
| Interpersonal violence or injury | 6.5%                          |
| Road Traffic Injury              | 3.0%                          |



# IMPLICATIONS OF A MINER CONTRACTING TB

- The business bottom line (U\$25 billion)
  - High absenteeism from work
  - Infection to fellow miners
  - Loss of experienced & trained employees requiring replacement
  - High treatment cost
- Family
  - Loss of household income
  - Infection to family members
- Increasing of infectious pool in SADC



# GLOBAL & REGIONAL RESPONSE

- October 2010 – STOP TB Partnership Board meeting in South Africa: Concern raised about worsening TB situation in mines by:
  - Minister of Health Lesotho
  - Minister of Health South Africa
  - Minister of Health Swaziland
- Global partnership comprising Stop TB Partnership, World Bank, IOM
- Issues taken up by SADC Ministers





# SADC RESPONSE

- RSA will prioritize cutting of the head of the snake
- But
  - Fully committed to participating in the SADC region-wide process to coordinate cross-border management of TB & implement the Declaration with focus on:
    - Harmonization of policies & guidelines
    - Referral systems between countries



# SADC DECLARATION ON TB IN MINING INDUSTRY

- Establish Ministerial Commission with tripartite representation
- Classification of TB as an occupational disease to be compensated throughout SADC
- Harmonization of treatment policies & guidelines
- Enforce limits to silica dust exposure
- Mines to be responsible for treatment including post-employment



# PROGRESS TO DATE - RSA

- Government political will: Deputy President – Responsible for TB & HIV programmes in South African government – on World TB Day 2012, issued guidance to mines:
  - Screen & test miners of TB at least twice a year
  - Expand access to peri-mining communities to mines' health services
  - Procure Genexpert (RSA will reach 100% coverage by end of 2013)
  - Provide MDR-TB management & care



# PROGRESS TO DATE - RSA

- Potential funding from Global Fund, World Bank and DFID to:
  - Development of a system to trace all contacts of miners who have TB
  - Development of a service delivery model to expand services in peri-mining communities
  - Establishment of an electronic monitoring system to trace all miners with TB
- Restructuring of compensation system for ex-miners to be more responsive & efficient



# PROGRESS TO DATE - SADC

- Signing of Declaration by Heads of government
  - Economic analysis of the cost of TB in the mining sector
  - Draft Harmonization document produced and will be discussed with technical teams in South Africa, Swaziland, Lesotho and Mozambique
  - Draft action plan to pilot service delivery models in one mine, a labor sending area in SA and one labor sending country



# INVITATION

- On behalf of the President of South Africa, I would like to extend an invitation to all of you to a mining summit to be attended by ministers of health, labor, mining and finance; CEOs of major mining companies and CSOs including those representing mine workers.
- Venue and Date: Cape Town, March 2014 ( Linked to the Mining Indaba)



## ACKNOWLEDGEMENTS:

- Stop TB Partnership, World Bank and IOM and Program Implementation Committee for their excellent support
- Member states incorporating provisions of declaration in their programmes