

The road to ending Tuberculosis (TB)

TB eradication begins with accurate TB diagnosis

Where is TB mostly found today?

TB is still endemic in many countries



Reactivation of LTBI in aging populations

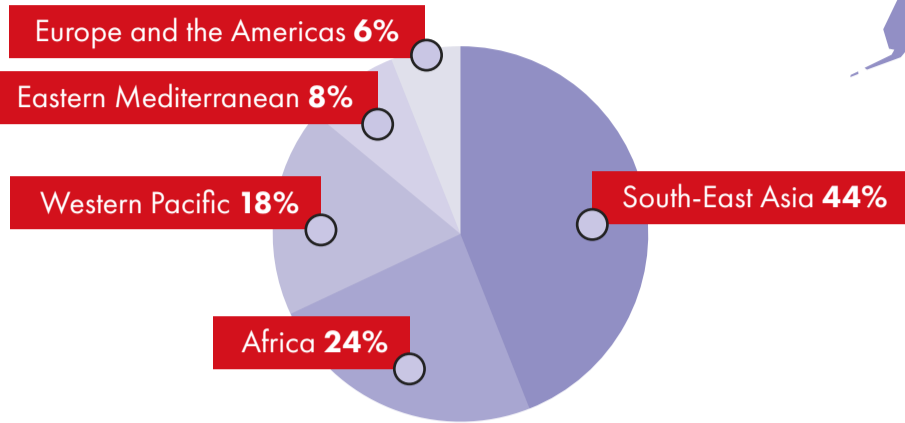


Delayed TB diagnosis

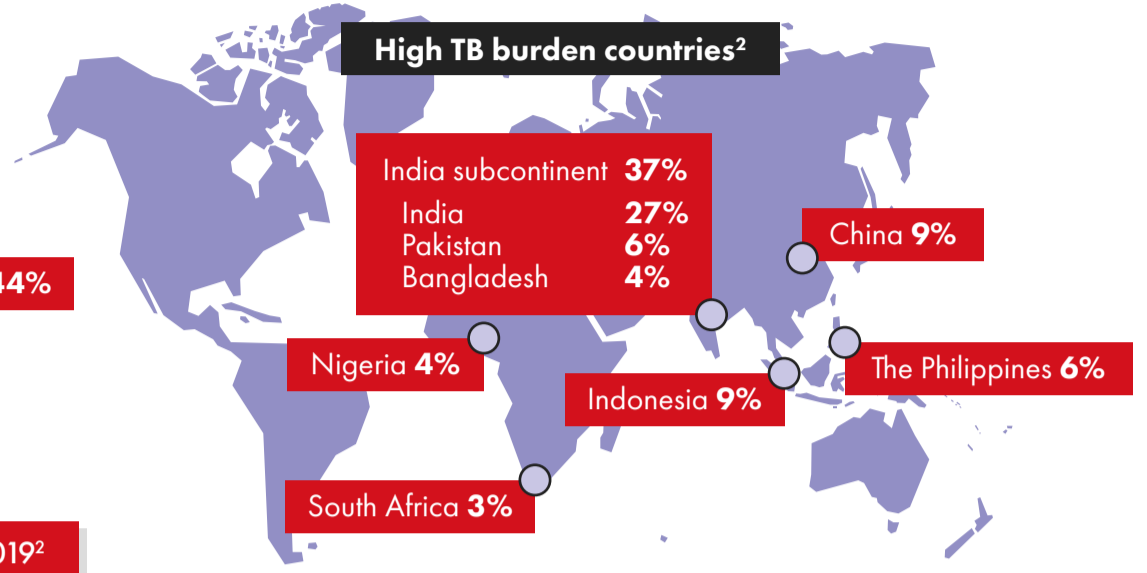


Migrant population from high TB burden countries

High TB burden regions^{2*}



High TB burden countries²



Estimated 10 million people diagnosed with active TB globally in 2019²

22 other countries account for 20% of the world's TB incidences

* WHO's classification of regions.

What is Latent TB Infection (LTBI)?

Latent TB Infection

A form of TB with no symptoms. Immune system can control the infection.



1 in 4¹ people in the world have LTBI.

Estimated 1.95 billion have LTBI²

From Latent TB to Active TB

When the immune system is weakened, LTBI can become active TB.



Without TB preventative treatment, an estimated 1 in 10¹ people with LTBI will develop active TB.

Who should get tested for LTBI?



High risk groups



Close contacts of active TB cases



High risk due to environment

People who have spent time in countries with high TB burden

Healthcare workers

Prisoners or prison employees

Drug users

Homeless

Getting tested for LTBI



A TB skin test or TB blood test (e.g. T-SPOT[®] TB) can diagnose LTBI



BCG-vaccinated population

TB blood test should be used for these groups

Immunosuppressed people

Why is treating LTBI important?



Treating LTBI helps eradicate TB

10-15% of LTBI population will progress to active TB³



Less costly than treating active TB

LTBI USD600 (for 3HP regime)⁴

Multi-drug resistant TB USD513,000⁶



Active TB USD 18,000³

Shorter treatment regimen

LTBI 3 months (for 3HP regime)⁷

Multi-drug resistant TB (MDR TB) 9-18 months⁷



Active TB 6-12 months⁷

Only 55% of those with MDR TB can be cured⁸

WHO: Tuberculosis Key Facts. <https://www.who.int/news-room/fact-sheets/detail/tuberculosis>
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 CDC: Tuberculosis, Fact Sheets: The difference between latent TB and TB disease. <https://www.cdc.gov/tb/publications/factsheets/general/latentactive.htm>
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 WHO: Operational Handbook on Tuberculosis, 2020.
 American Thoracic Society: Tuberculosis Fact Sheet: World TB Day, 2019. <https://www.thoracic.org/about/global-public-health/facts/resources/fb-factsheet-2019.pdf>

T-SPOT[®] TB

For more information

tspot.asia

