



Cost of providing TB services in India from a health systems perspective – March 2020



The George Institute
for Global Health India

Facts:

- India has the world's highest incidence of TB, with 2.8 million cases annually, and accounts for more than a quarter of the global TB burden.
- TB kills 400,000 per year in India, or two Indians every three minutes, most of whom are poor, due to lack of basic health services, poor nutrition and inadequate living conditions.
- The Indian government has launched an ambitious new national strategic plan to ensure a TB-free India with zero deaths, disease or poverty due to TB. To achieve this goal, substantial funding will be required.

Project cycle:

2018-2020

Partners:

*The George Institute for Global Health
Central TB Division, Ministry of Health
and Family Welfare, Government of India
Global TB Programme, World Health
Organization, Geneva, Switzerland*

Supporters:

*The George Institute for Global Health
London School of Hygiene and Tropical
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Background:

- Global and national funders are increasingly demanding sound investment cases before they provide resources to tuberculosis (TB) programs.
- However, the economic analysis required to support increased investment in TB remains in its infancy.
- This will be the first study to provide comprehensive unit cost information about several activities related to TB programs in India.

Aims:

- The primary goal of this project is to estimate the costs of services delivered through India's TB program, thereby facilitating the efficient allocation of funders' resources to combat the disease.

Methods:

- The program will use a health provider's perspective to collect data on the costs of TB services, and this cost data collection will be retrospective.
- To facilitate comparative analysis, the model will measure resource use using both top-down and bottom-up methods.
- Data will be collected from 20 public and private facilities in Pune, Maharashtra and Madurai, Tamil Nadu.

Impact:

- The program will contribute to the development of a health system economic model that is designed to inform healthcare policy decisions through the provision of evidence on the long-term health and cost outcomes of TB programs.
- The program has the potential to increase investment in TB programs in India by providing funders with sound investment cases for the allocation of their resources.
- Results of the analysis will improve understanding of the efficiency of TB services in India.

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