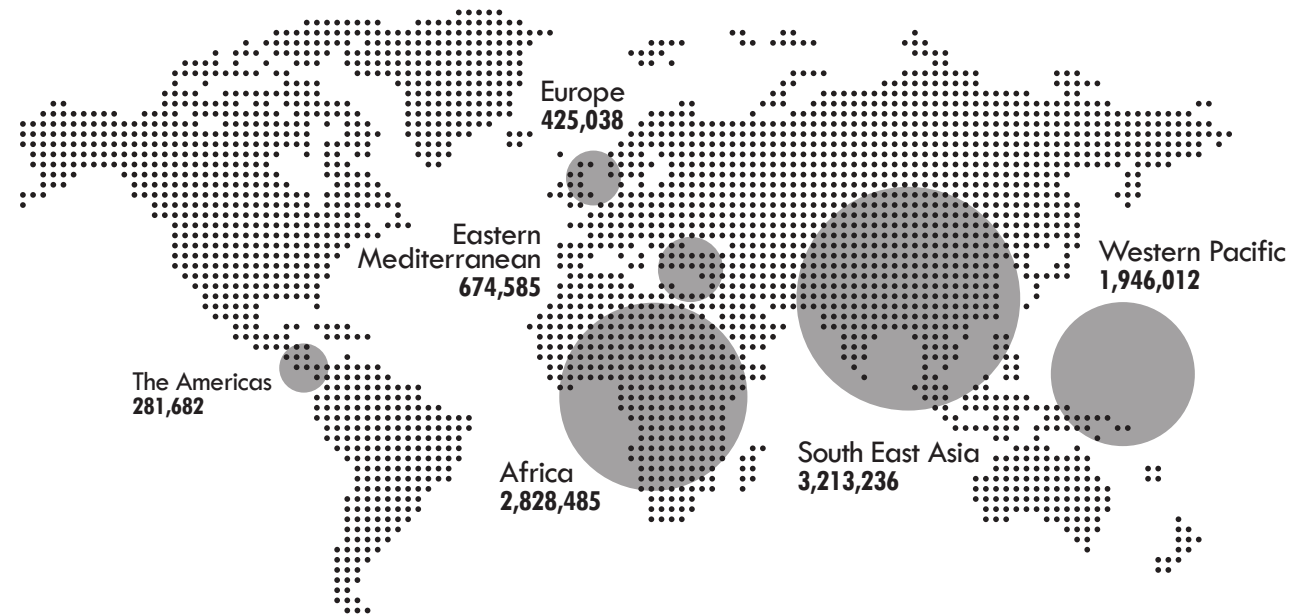


ANATOMY OF A PANDEMIC

Almost a third of the world's population is infected with *Microbacterium Tuberculosis*, the bacteria that causes TB. 1.8 million died from the disease in 2008.

REGIONAL BREAKDOWN

NUMBER OF GLOBAL TB CASES



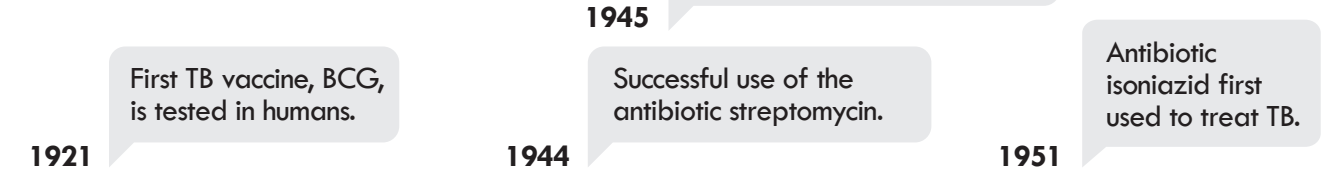
INCIDENCE RATES

NUMBER OF CASES PER 100,000 = 10 people

Country	Incidence Rate (per 100,000)	Visual Representation (person icons)
INDIA	168	17 person icons
CHINA	98	10 person icons
SOUTH AFRICA	948	95 person icons
SWAZILAND	1198	120 person icons
BOLIVIA	155	16 person icons
MALI	319	32 person icons
CHILE	12	1 person icon

HISTORY OF TREATMENT

BATTLES AGAINST TB



TUBERCULOSIS TODAY

There are currently about **9.4 million** cases of TB



TB is the **seventh-largest** killer on Earth.

1.8 million deaths per year.

TB THRIVES IN

- + Overcrowded urban areas
- + Living units with poor ventilation

THE BLACK MARKET

Experts estimate that worldwide sales of counterfeit drugs will reach approximately **\$75 billion** by the end of 2010.

In late 2008 Interpol confiscated **\$6.7 million** in counterfeit drugs in South East Asia alone (the world's TB hotspot).

+ Fake or substandard drugs (with inaccurate dosages) are responsible for the growth of drug-resistant strains.

DRUG-RESISTANT STRAINS ARE ALSO DUE TO:

- + Not taking medications for the entire prescribed period.
- + Improper dosage

TB kills **4,930** people per day.* These deaths are preventable.

Combination drug therapy promoted as a way to cure TB—other efforts include milk pasteurization, testing cattle for TB, vaccinating entire populations, mass radiography for the early detection of disease, triple therapy for every infected patient, isolating the infected and reducing household overcrowding.

THE COST OF THE CURE

Global Cost of Treatment and Lost Productivity **\$2.3 billion** per year (estimated)

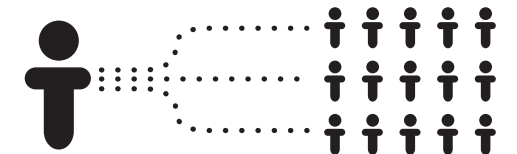
Cost of treating multidrug-resistant TB **\$144 - \$265** per person per day for a recommended two years.

Total Two-Year Treatment Cost **\$40,000** per person

84% of all contributions come from governments. The Global Fund does its best to fill in the gaps.

Every 10% reduction in TB cases yields about 2% aggregate economic growth.

TB is highly contagious. If untreated, each person with active TB infects on average 15 other people a year.



*By the time you've read this page, over 240 more people have been infected with TB.

Clinical trials of DOTS (Directly Observed Treatment Short-course) program begins in India, which emphasizes improved drug regimens.

DOTS is formally introduced in India. It is currently the only strategy proven effective in controlling TB on a mass scale. India continues to have the highest number of TB cases in the world.

*all data from the World Health Organization, 2008

Infographic designed by Nicholas Ditmore