

# TUBERCULOSIS IN THE AMERICAS

## WHO estimates for 2012:

### Global

- 8,6 million new TB cases and 940,000 TB related deaths.

### Region of the Americas

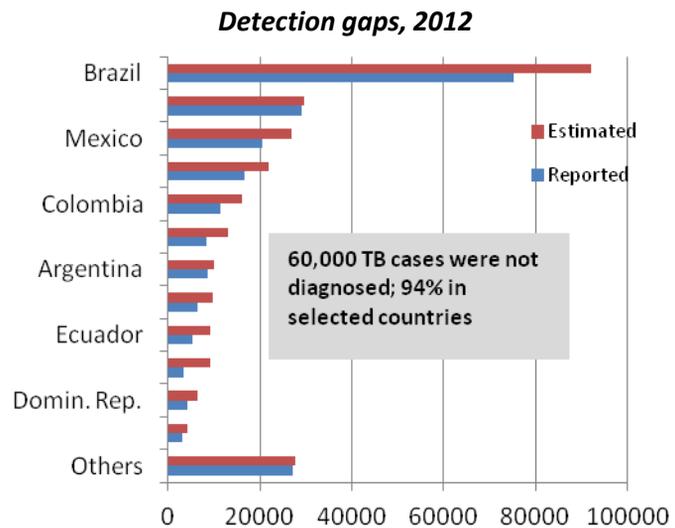
- 280,000 new TB cases and 19,000 TB related deaths, excluding HIV infected patients. These cases made up 3% of global disease burden.
- Four countries (Brazil, Peru, Mexico and Haiti) accounted for 61% of all TB cases.
- Estimated incidence rate was 29 cases per 100,000 population.

### Notifications, 2012

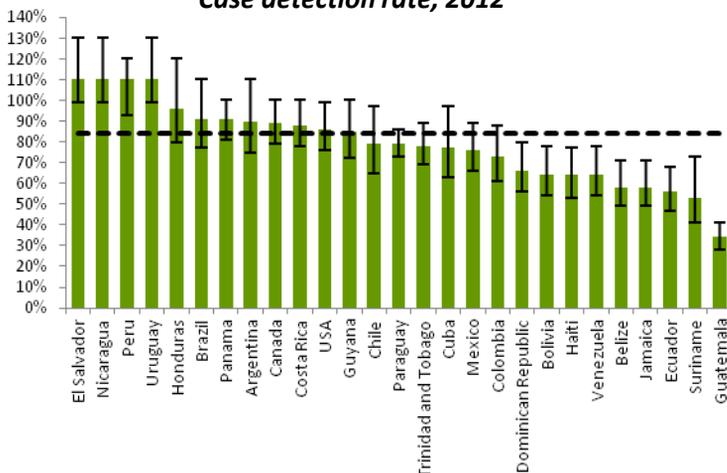
- 219,000 new TB cases were notified in the Region of the Americas, of which 9,800 were children.
- Notified incidence was 23 cases per 100,000 population.
- Case detection rate was 79%, with large variations among the countries.

**Estimated new TB cases by country, 2012**

No.	Country	Incident cases	%	Sum %
1	Brazil	92000	33.3	33.3
2	Peru	29000	10.5	43.8
3	Mexico	27000	9.8	53.6
4	Haiti	22000	8.0	61.5
5	Colombia	16000	5.8	67.3
6	Bolivia	13000	4.7	72.0
7	United States	11000	4.0	76.0
8	Argentina	10000	3.6	79.6
9	Venezuela	9900	3.6	83.2
10	Ecuador	9100	3.3	86.5
	Others	37284	13.5	100



**Case detection rate, 2012**



### TB/HIV

- 57% notified TB cases had known HIV status.
- 16% of TB cases tested for HIV were positive.
- 77% of TB/HIV cases received ART\* and 64% CPT\*\*.

### TB-MDR (Multidrug-resistant TB)

- WHO estimated 7,000 MDR-TB cases among notified TB pulmonary cases.
- 2,967 MDR-TB cases were notified and 92% of them started treatment.
- 11 countries notified at least 1 case of XDR (extensively resistant TB).

## TB Laboratories

- 19 countries had 1 microscopy laboratory per 100,000 population.
- 14 countries had 1 culture laboratory per million population.
- 10 countries had 1 DST<sup>o</sup> laboratory per 5 million population.
- 12 countries have implemented the Xpert-MTB/Rif
- 10 countries have implemented the LPA<sup>oo</sup>.

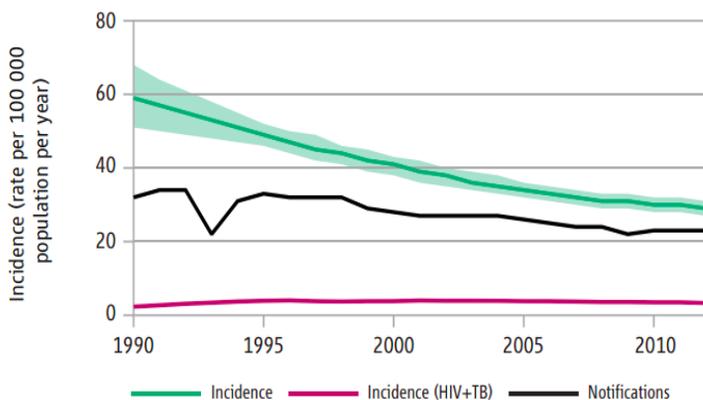
## Financial data #

- 92% of available resources for TB have been mobilized domestically in 2013, compared with 88% in 2006.
- Countries report funding gaps of U\$ 33.2 million for 2013, equivalent to 12% of total funds required for that year.

# THE AMERICAS AND THE TARGETS OF THE MILLENNIUM DEVELOPMENT GOALS

## Goal 6: Combat HIV/AIDS, malaria and other diseases

### Estimated and notified incidence 1990-2015



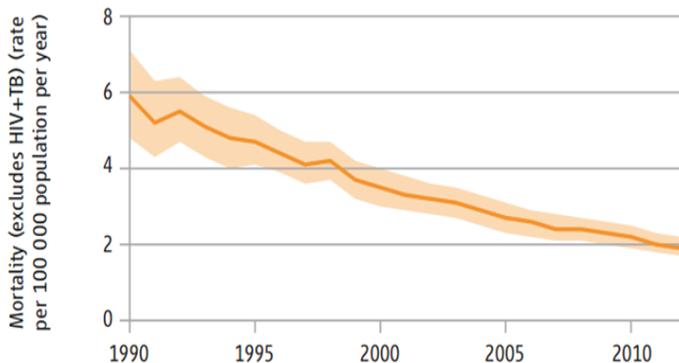
### Target 6: Halt and reverse TB incidence

- TB incidence decreases 2% yearly.

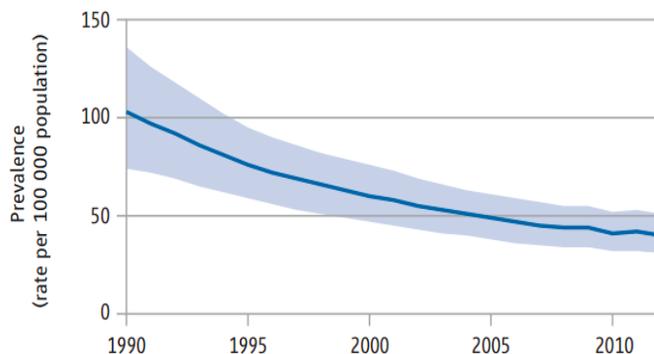
### Indicator 6.9: Reduce prevalence and mortality rates to 50% by 2015 compared to 1990

- Mortality has decreased 61% by 2012 compared to 1990.
- Prevalence has decreased 62% by 2012 compared to 1990.

### Estimated mortality, 1990-2015



### Estimated prevalence, 1990-2015



\*ART Antiretroviral therapy

\*\*CPT Cotrimoxazole preventive therapy

<sup>o</sup>DST Drug susceptibility test

<sup>oo</sup>LPA Line Probe Assay

# Financial data reported by 15 low and middle-income countries