

Tuberculosis across time

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W15 Final Tableau Project

Today's topics

01 Overview

02 Results

03 Process

04 Challenges

01

Overview

Analysis of tuberculosis (TB) data from WHO from 1990 - 2013

What is the impact of TB across time from a

- Worldwide perspective
- Country perspective



02

Let's dive into the results

[Open Tableau Workbook]

Results.

Number of TB cases and mortality starts decreasing in 1998

From 1993 to 1998 cases were relatively the same annually (worldwide dashboard)

TB mortality is linked to cure accessibility

Mortality rates in developed countries remained low throughout data.. Highest mortality generally being in Africa, and South and SE Asia

Highest mortality countries

Central African Republic made excellent progress reducing mortality rate from 1993 to 2013, although still among top 10 (worldwide dashboard)

TB mortality rate in Nigeria remains largely unchanged in the data.

Results.

~50%

Reduction in mortalities per capita
from 1993 to 2013

1998

Year mortality rates begin decreasing
worldwide.

8.76%

Average mortality rate per capita in
2013



03 Process



How did it go?



Research

Domain Knowledge

Viz Inspiration

Social Media



EDA

Visuals

Develop Questions



Summarize

Dashboards

Answer Questions

04 Challenges



Challenges

Expectations

Project expectations, instructions were difficult to interpret

Domain knowledge

Research was required to understand data set

Thank you!

Do you have any questions?

