

# Tuberculosis Tableau Project

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# Project Flow



# Steps Taken

1. Connecting Dataset to Tableau
2. Detecting Different Data Types and Categories (EDA)
3. Building Visualizations
4. Creating a Dashboard

# Features of the TB Dataset

```
graph BT; A[Case Detection Rate] --> B[Method to Derive]; C[Number of Deaths & Mortality Rates] --> B; D[Prevalence of TB] --> B;
```

Case  
Detection  
Rate

Method to  
Derive

Number of  
Deaths &  
Mortality  
Rates

Prevalence  
of TB



# What I Want to Know & Answer...



Is there a correlation between detection and mortality rates on a country by country basis?

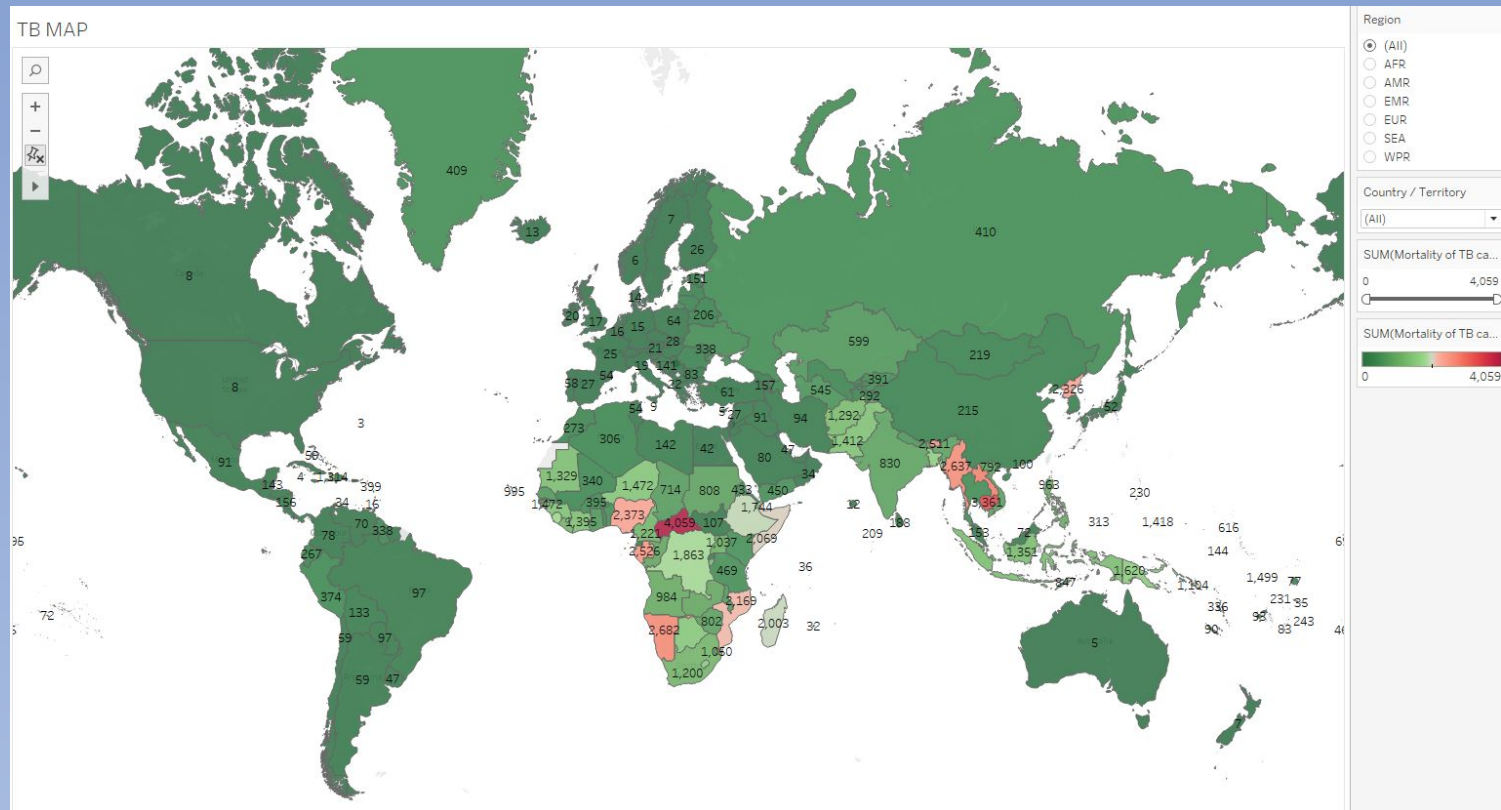


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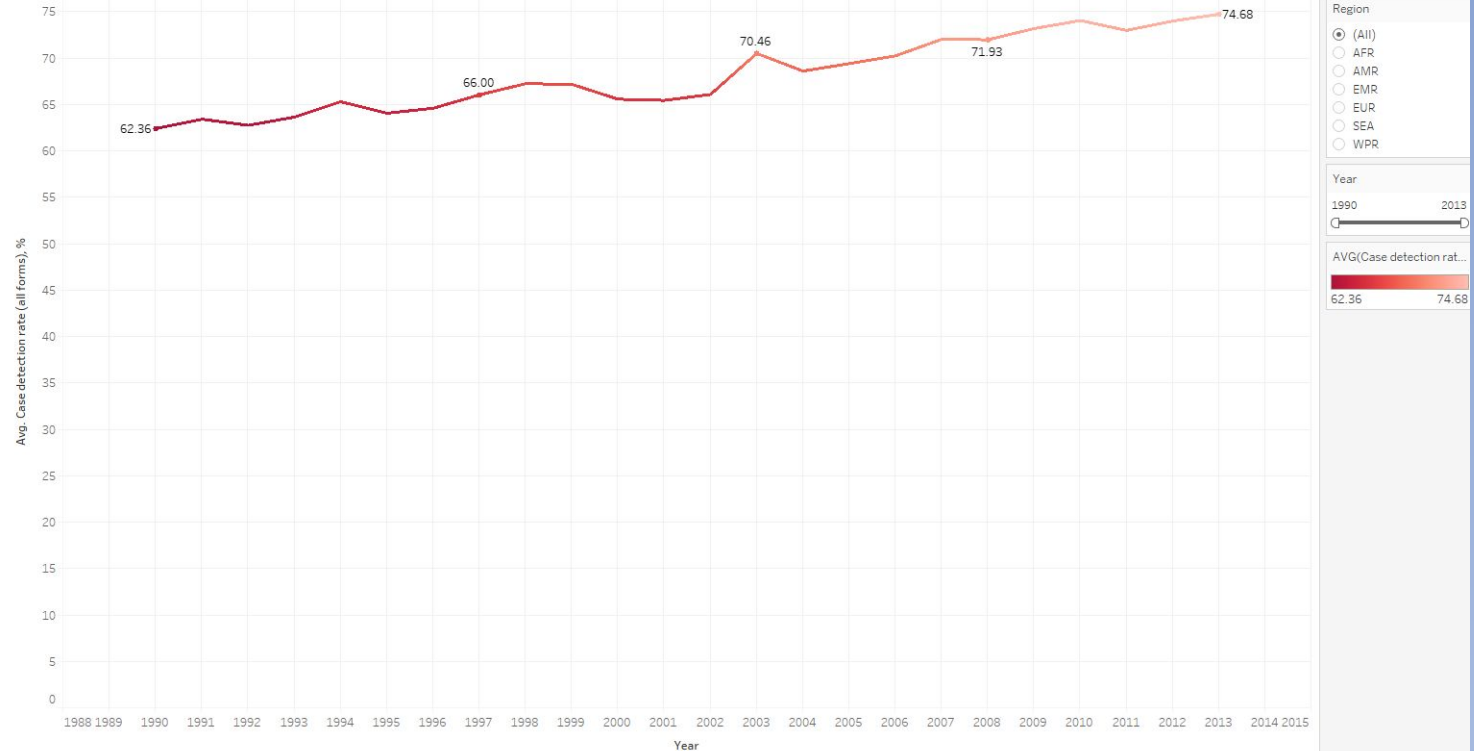
# Results

# Tuberculosis Around the Globe



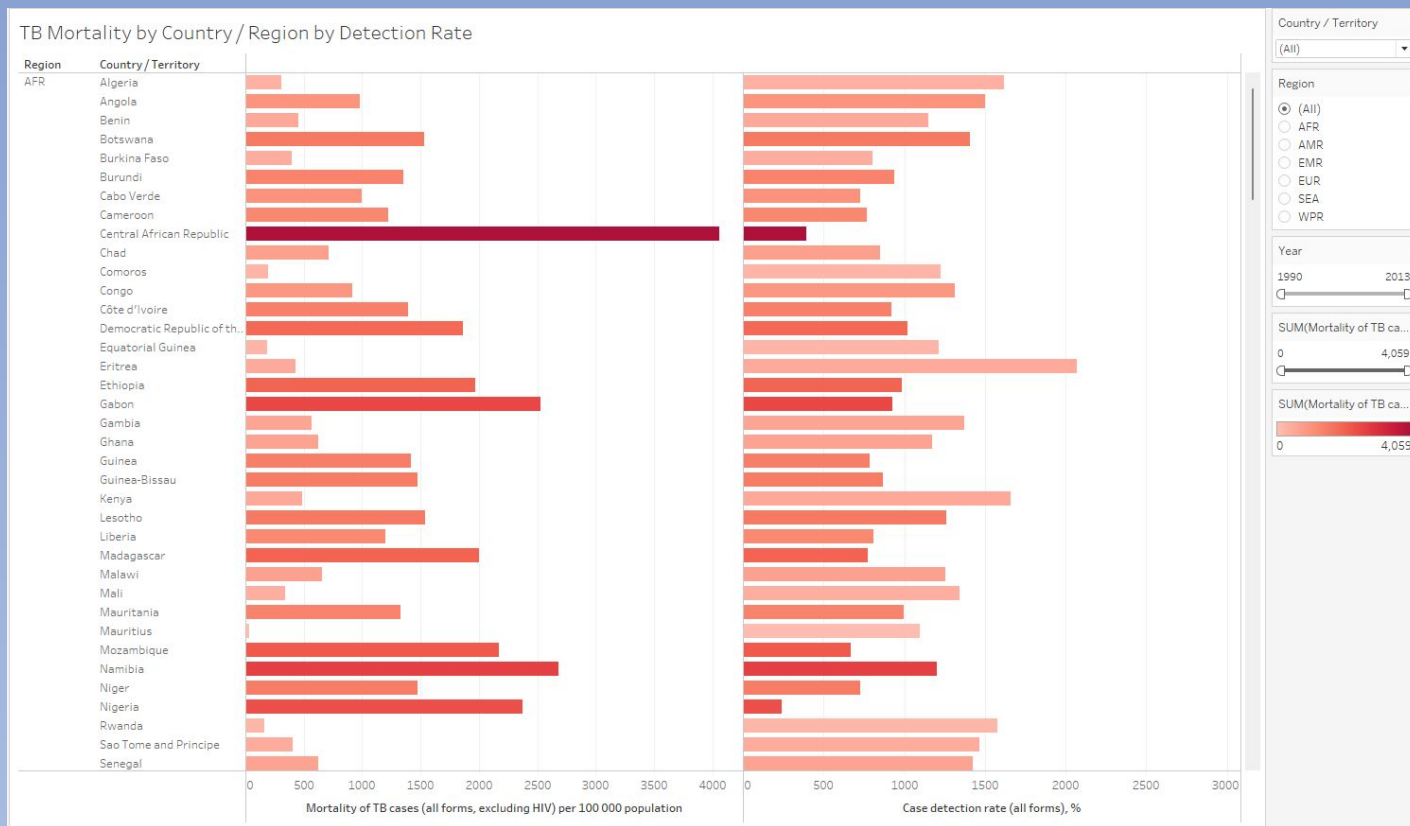
# Detection Rates

TB AVG Detection Rate in Countries by Year

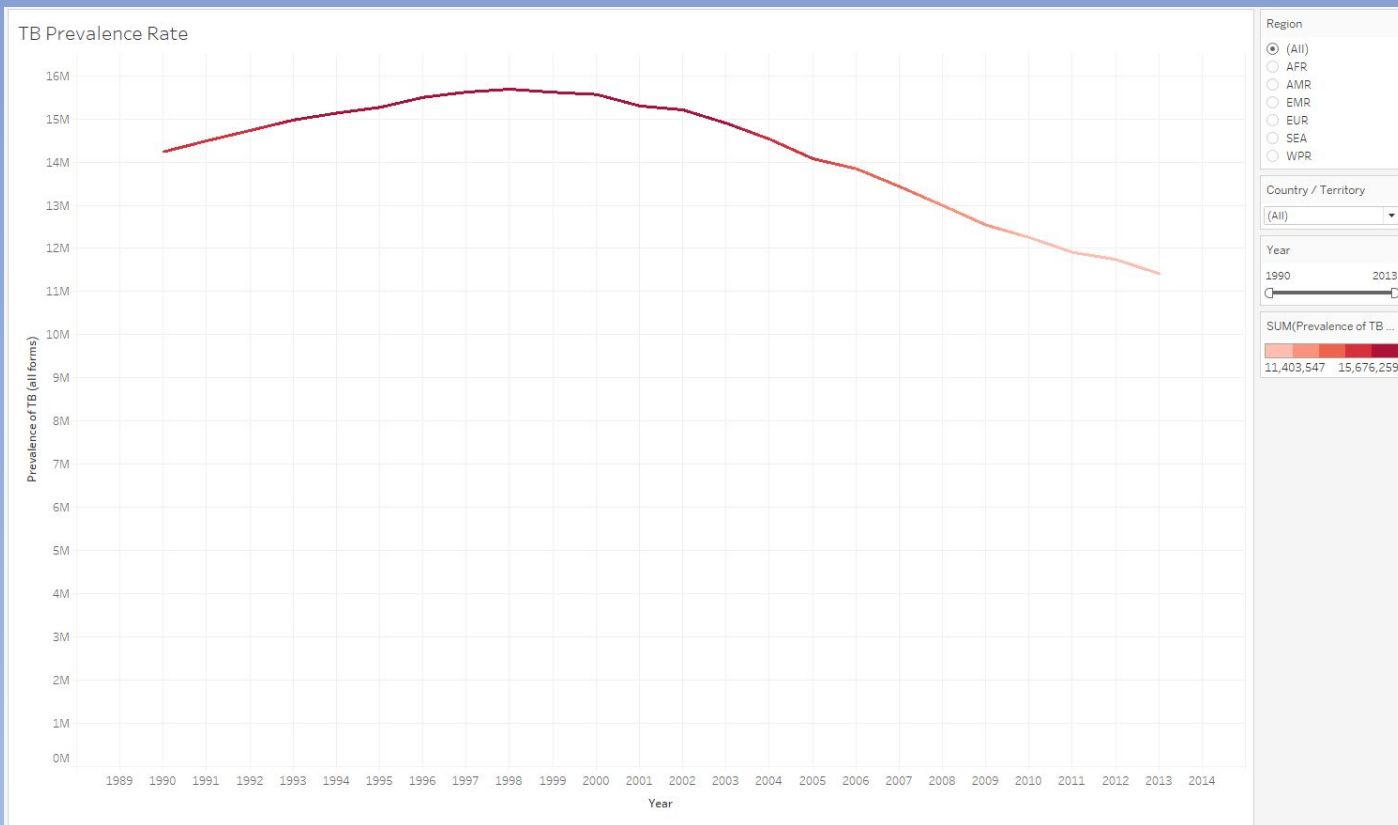




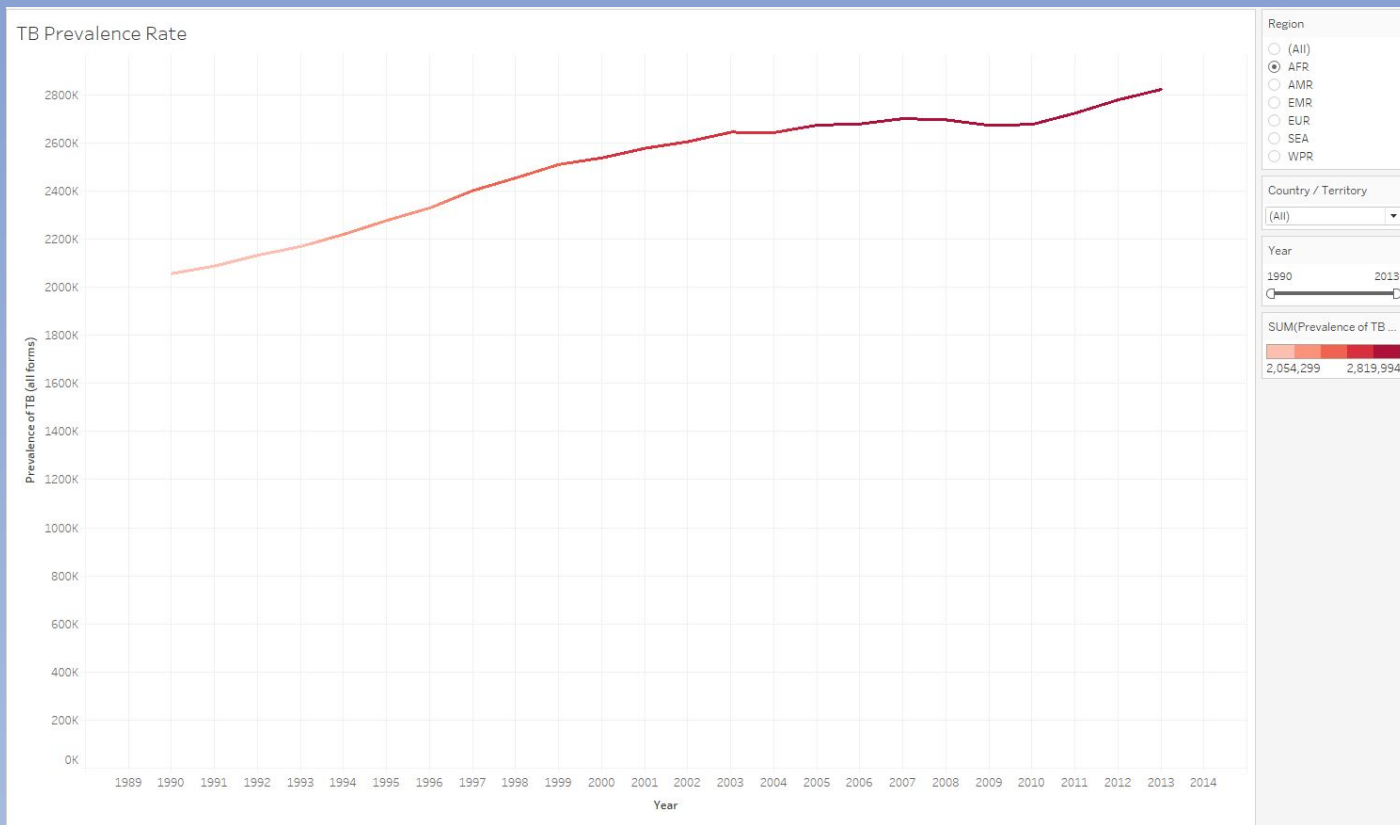
# Mortality and Detection Rates



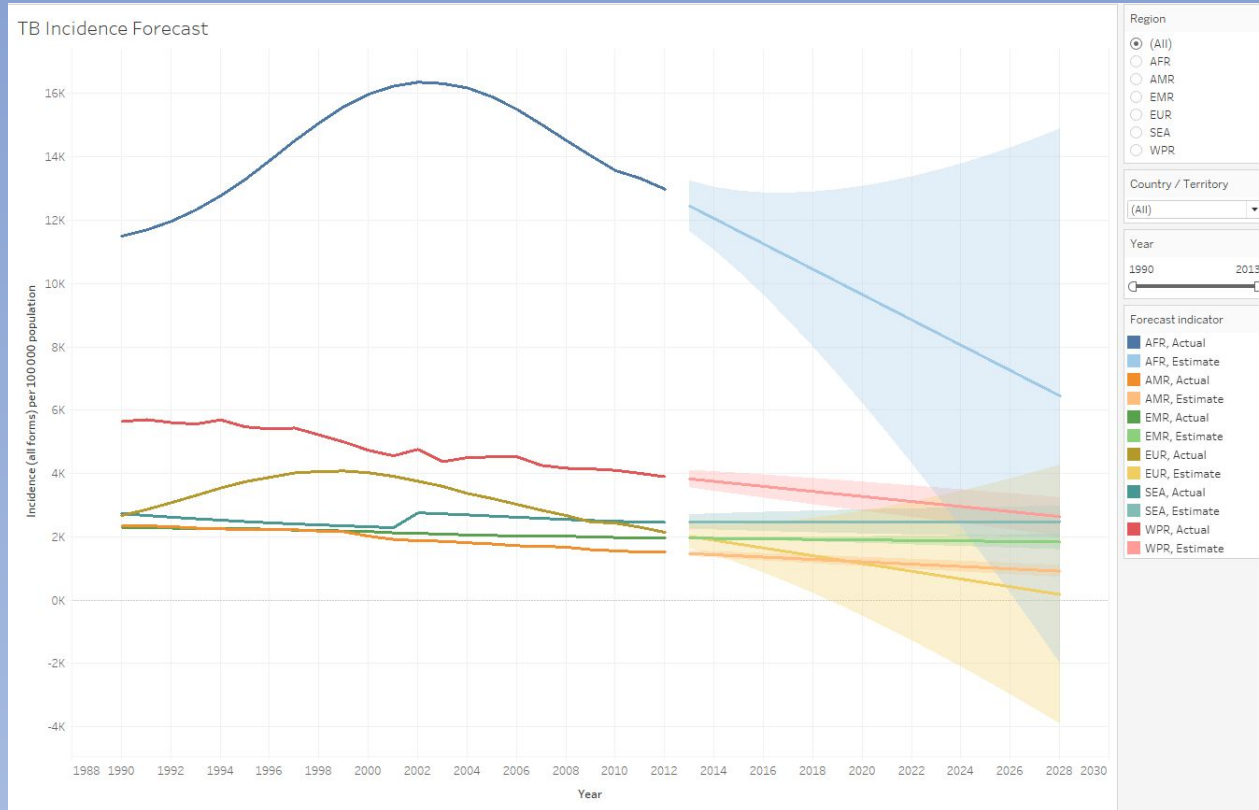
# Prevalence Rate



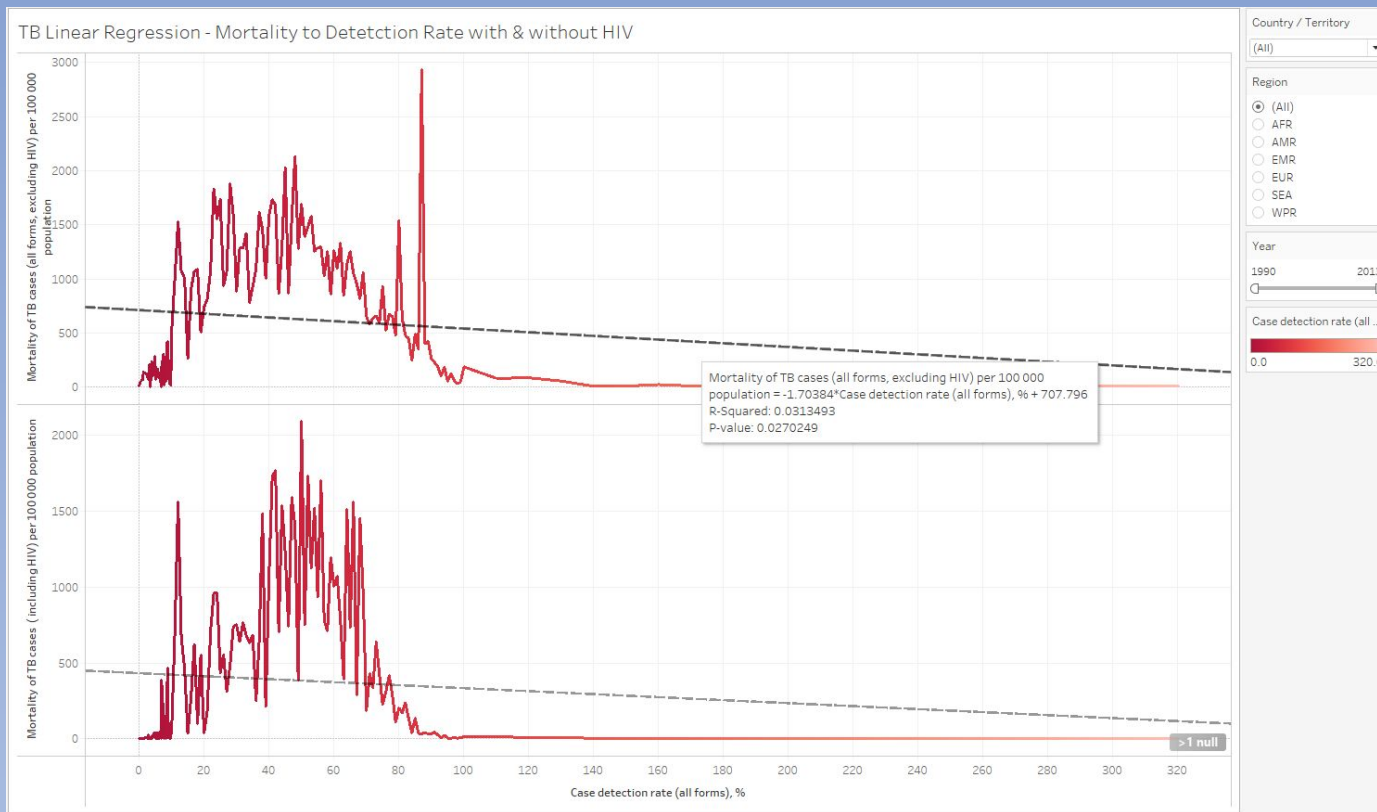
# Prevalence Rate (AFR)



# Does the Forecast Look Good?

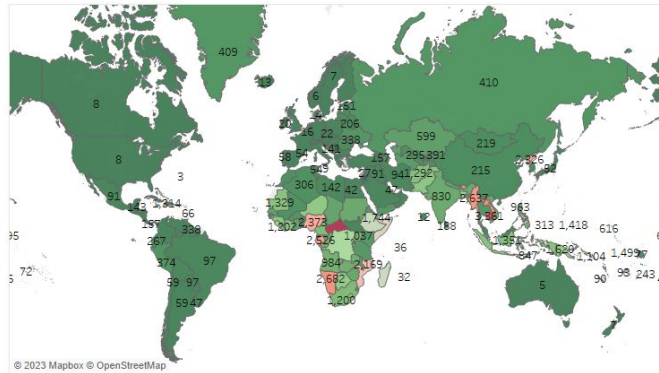


# Is There a Correlation?

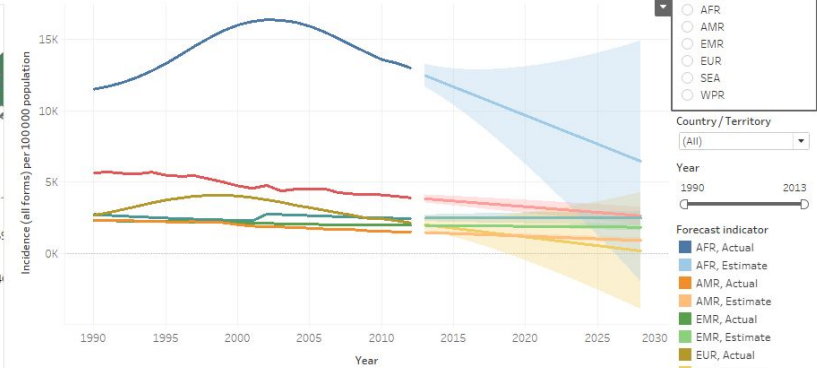


# Dashboard Summary

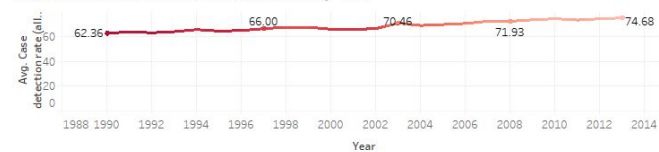
TB MAP



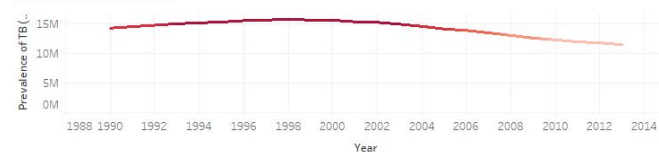
TB Incidence Forecast



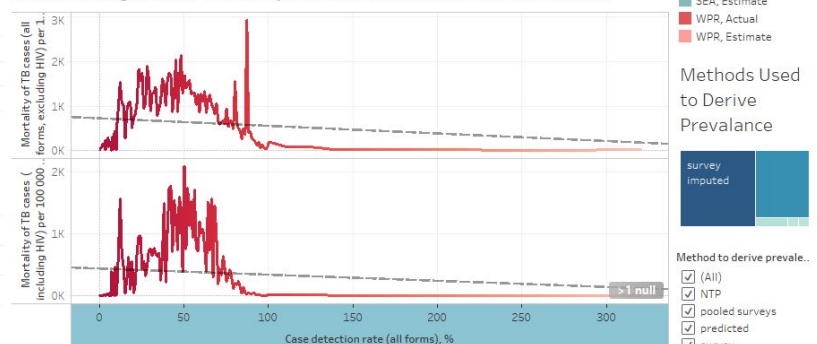
TB AVG Detection Rate in Countries by Year



TB Prevalence Rate



TB Linear Regression - Mortality to Detection Rate with & without HIV



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# Challenges & Future



# Thanks!



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