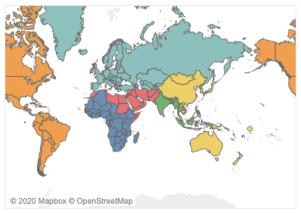
WORLD WIDE TUBERCULOSIS DATA ANALYSIS USING TABLEAU

By: Deepika Dittakavi

Data Science and Analytics Bootcamp with Stack Education Framingham State University

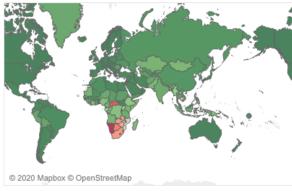
Different Regions

1990-2013



Map based on Longitude (generated) and Latitude (generated). Color shows details about Region. Details are shown for Country or territory name.

TB incidence for 100,000 population



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Estimated incidence (all forms) per 100 000 population. Details are shown for Country or territory name.

Total number of TB incident cases 1990-2013



Region

AFR

AMR
EMR
EUR
SEA
WPR

Estimated number of inci..

Estimated incidence (all f..

Estimated incidence of T...

52,400,000

23,864

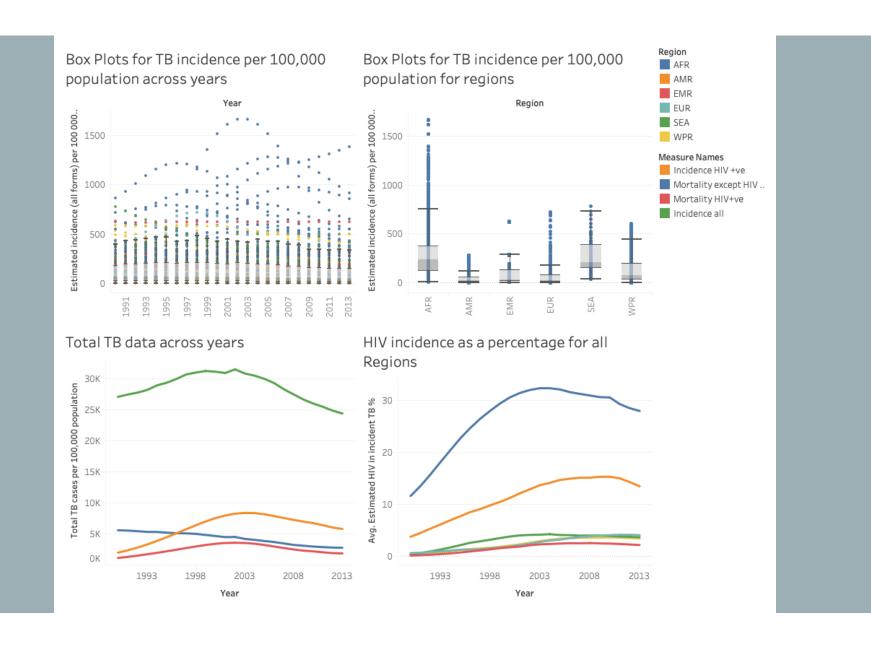
14,537

Map based on Longitude (generated) and Latitude (generated). Color shows sum of Estimated number of incident cases (all forms). Details are shown for Country or territory name and Region.

Countries with TB incidence when HIV positive 1990-2013



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Estimated incidence of TB cases who are HIV-positive per 100 000 population. Details are shown for Country or territory name.



Story on World TB Data (Part VI)

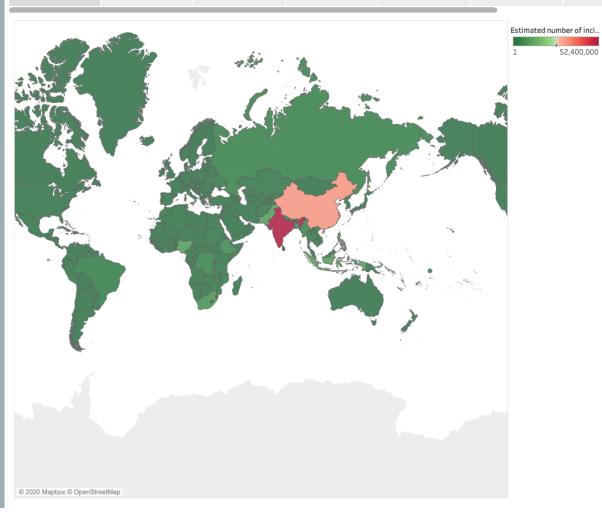
India and China have predominat Incidence of TB However, African countries have higher Incidence of TB per 10..

Mortality for TB non-HIV cases has varied rates for differ... Mortality for TB non-HIV cases is significantly higher fo.. African and American Regions show higher Incidence of HIV acros..

Mortality for non-HIV cases show decreasing trend

data for African Re..

52,400,000



Story on World TB Data (Part VI)

India and China have predominat Incidence

However, African countries have higher Incidence of TB per 10..

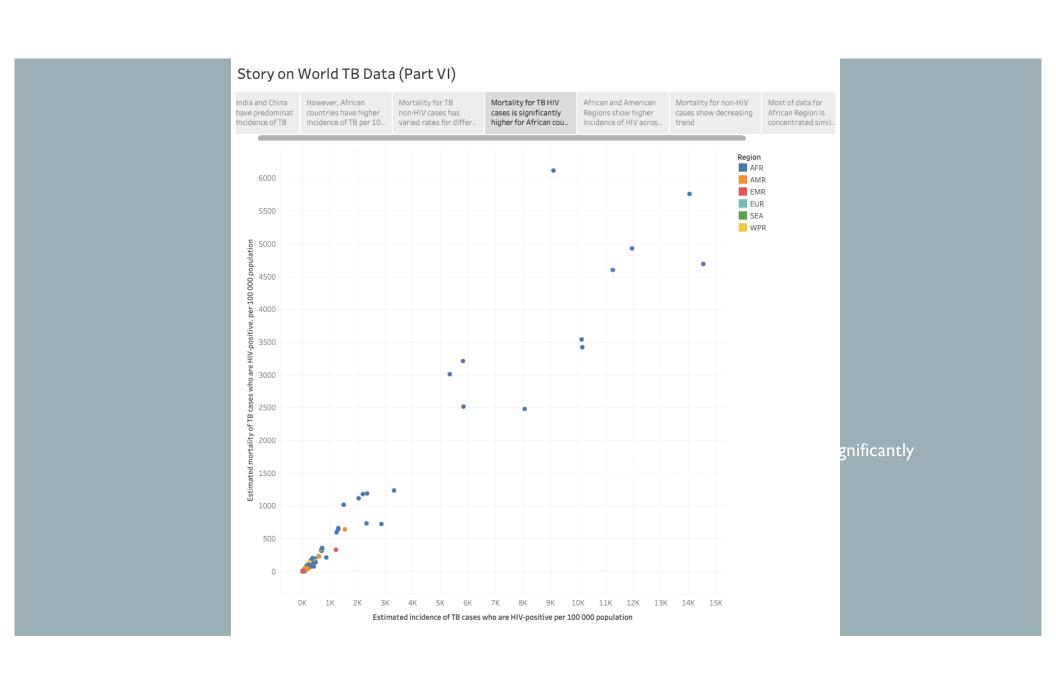
Mortality for TB non-HIV cases has varied rates for differ.. Mortality for TB non-HIV cases is significantly higher fo.. African and American
Regions show higher
Incidence of HIV acros...

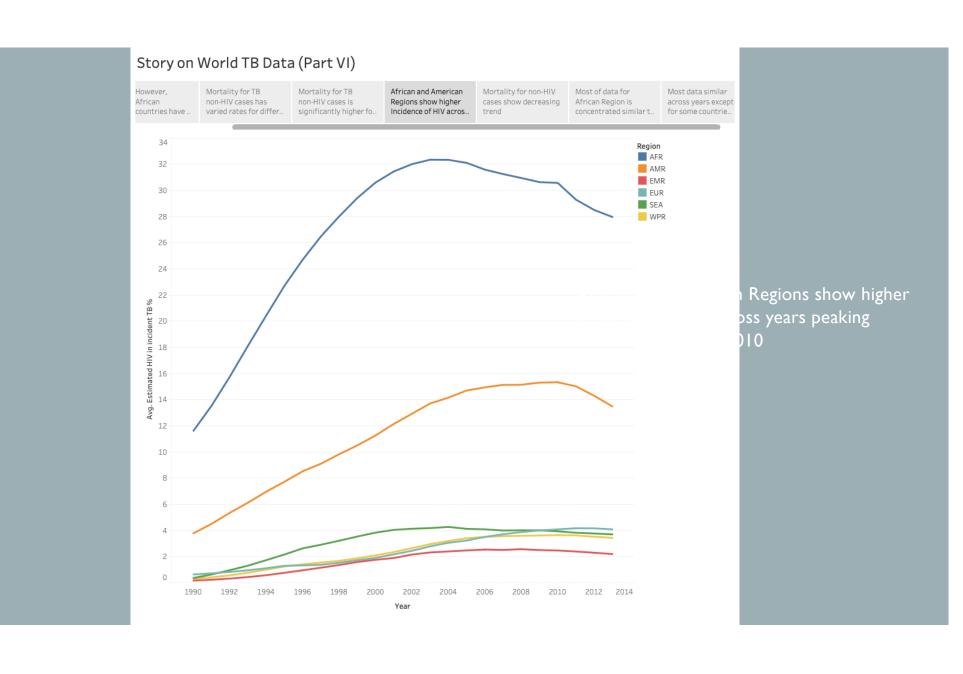
Mortality for non-HIV cases show decreasing trend

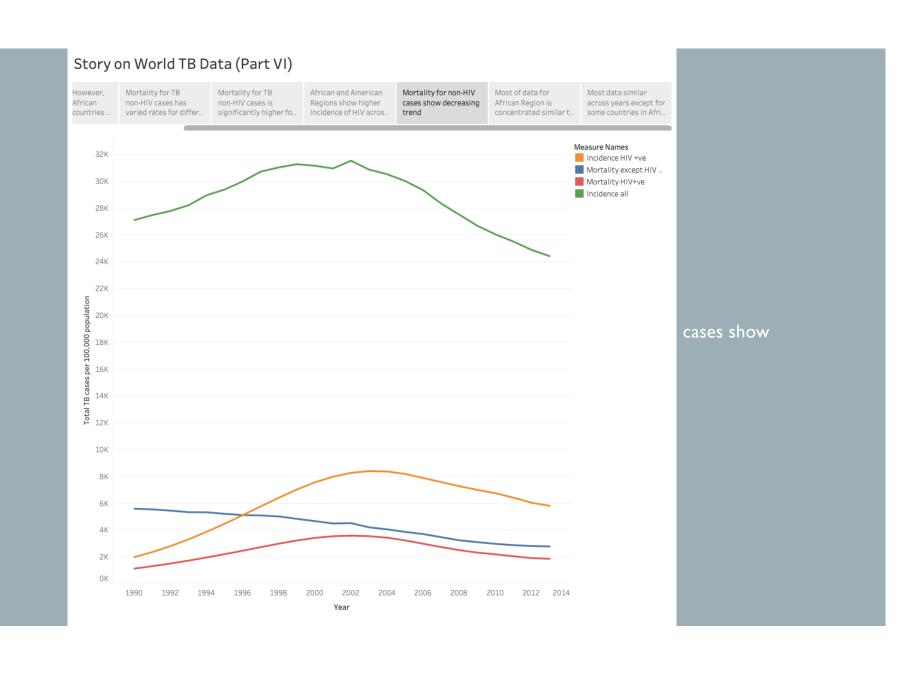
Most of data for African Re..











Story on World TB Data (Part VI) However, Mortality for TB Mortality for TB African and American Mortality for non-HIV Most of data for African non-HIV cases has non-HIV cases is Regions show higher cases show decreasing African Region is varied rates for differ... countries .. significantly higher fo.. Incidence of HIV acros.. concentrated similar t.. 1700 1600 1500 1400 1300

AFR

AMR

EMR

EUR

SEA

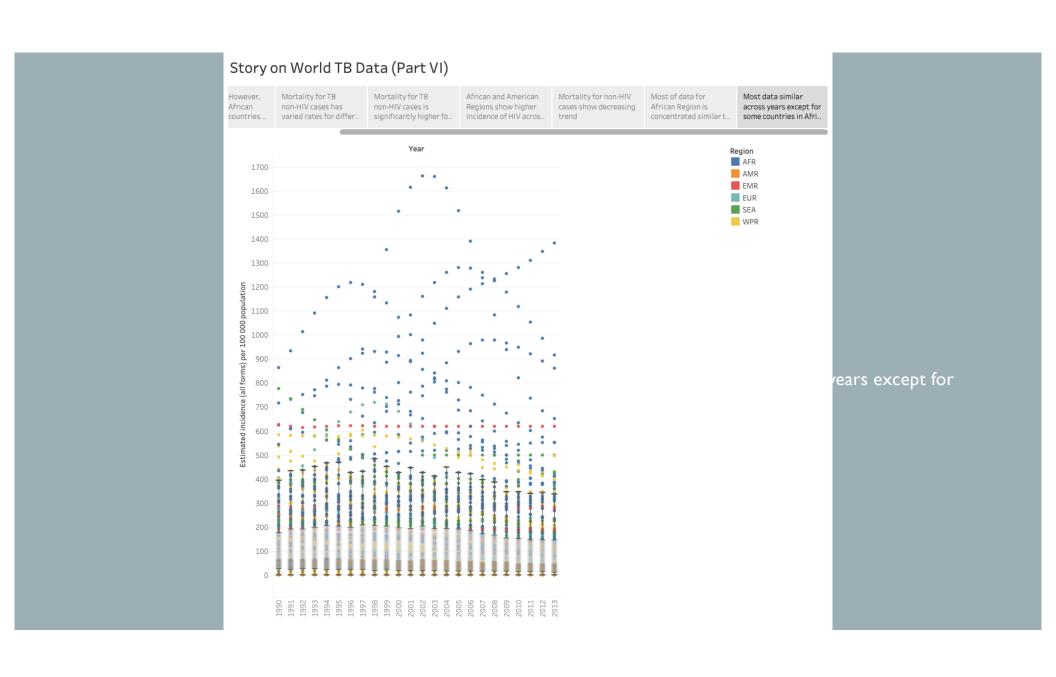
WPR

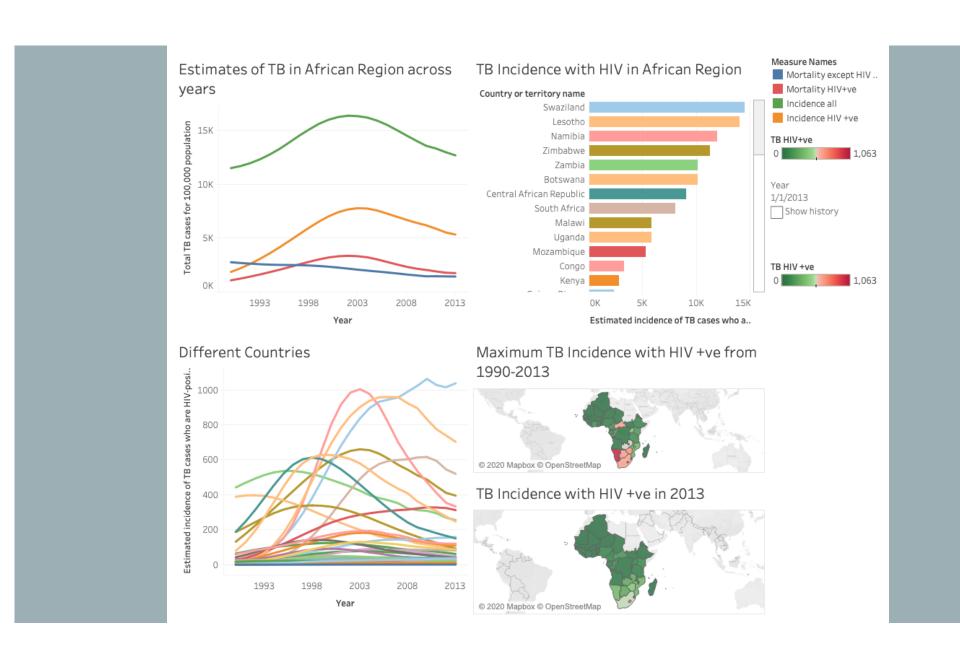
on is Regions

Most data similar

across years except for

some countries in Afri..





Final Story of TB Data (Part VII)

ndia and China have predominat Incidence of TB However, African countries have higher Incidence of TB per 1..

Mortality for TB non-HIV cases is significantly higher f..

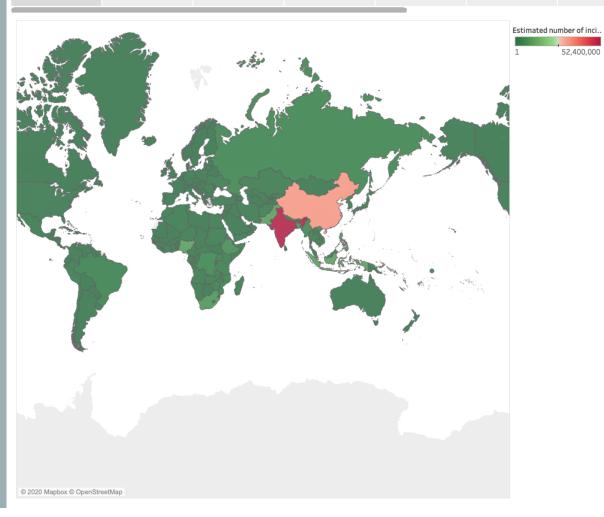
Most data similar some countries in Afri..

Swaziland, Lesotho, across years except for Namibia & Zimbabwe top countries with Inc..

TB with HIV+ve in Swaziland has an increasing trend over ..

TB with HIV+ve in Lesotho pea..

52,400,000



Final Story of TB Data (Part VII)

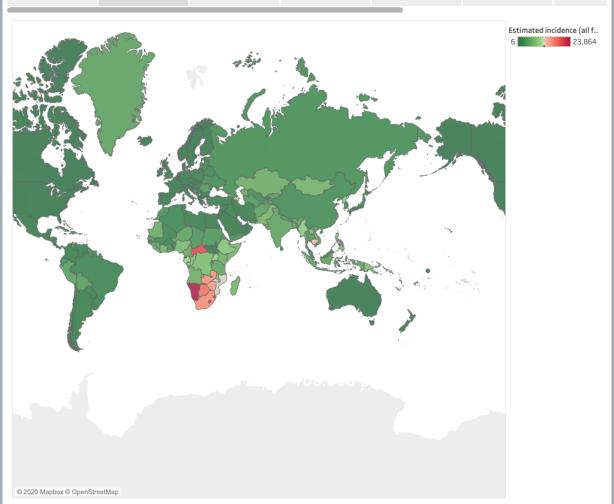
ndia and China have predominat Incidence of TB

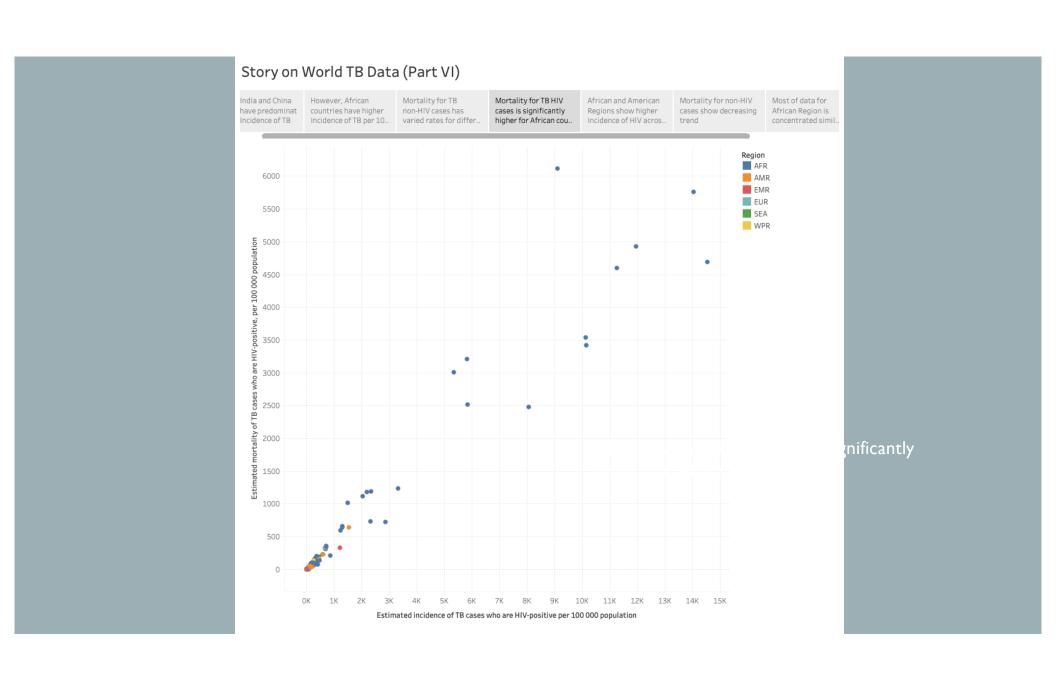
However, African countries have higher Incidence of TB per 1.. Mortality for TB non-HIV cases is significantly higher f.. Most data similar across years except for Namibia & Zimbabwe some countries in Afri..

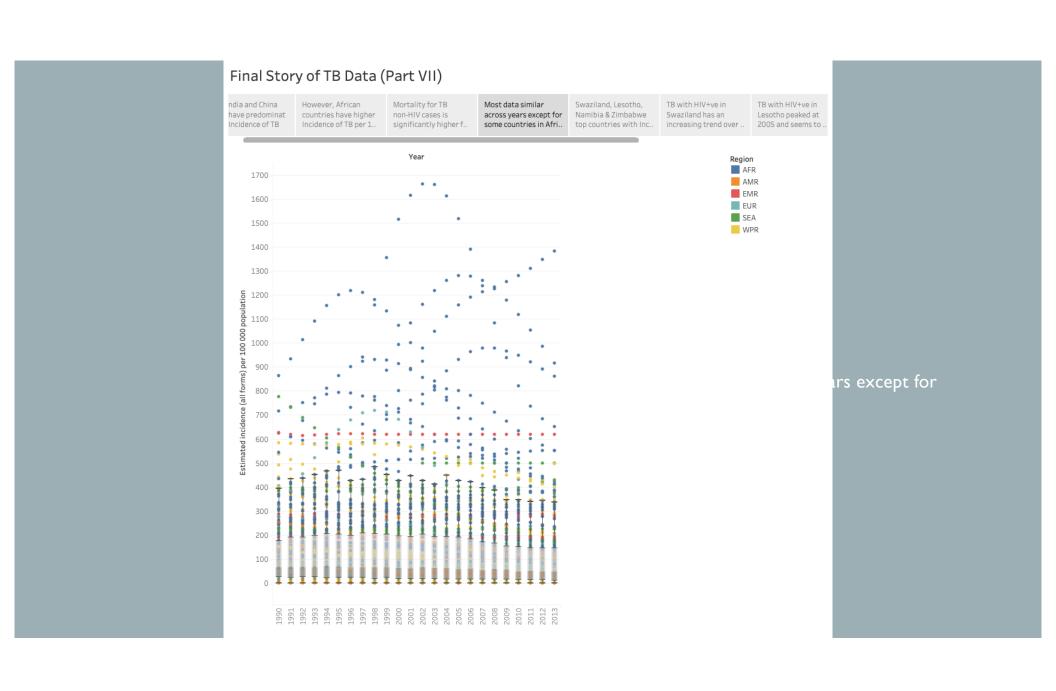
Swaziland, Lesotho, top countries with Inc..

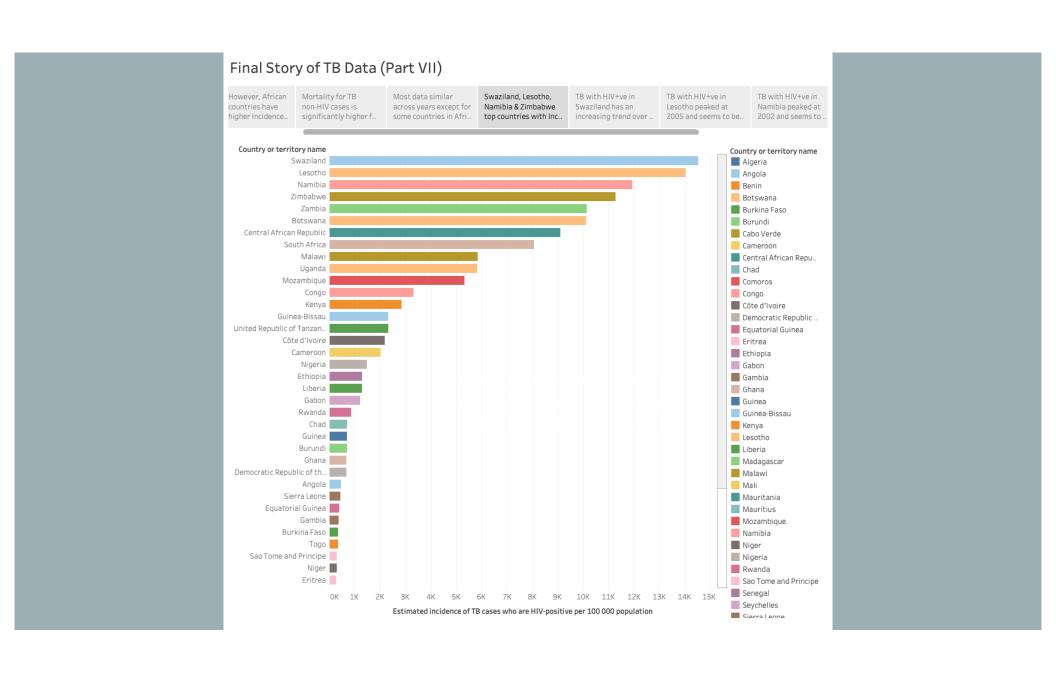
TB with HIV+ve in Swaziland has an increasing trend over ..

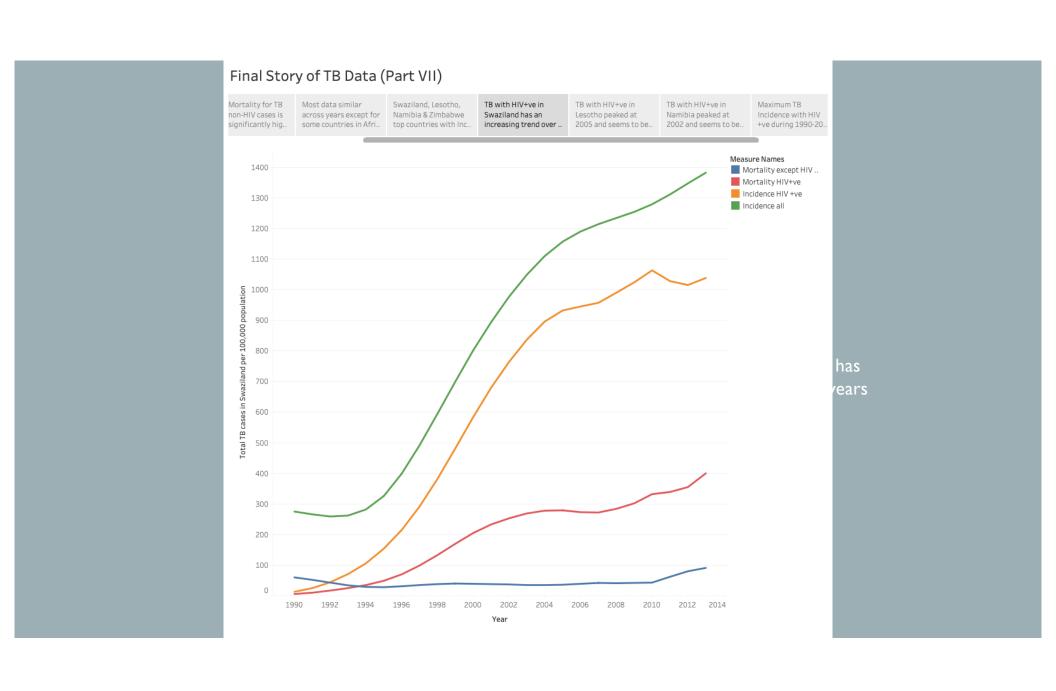
TB with HIV+ve in Lesotho pea..

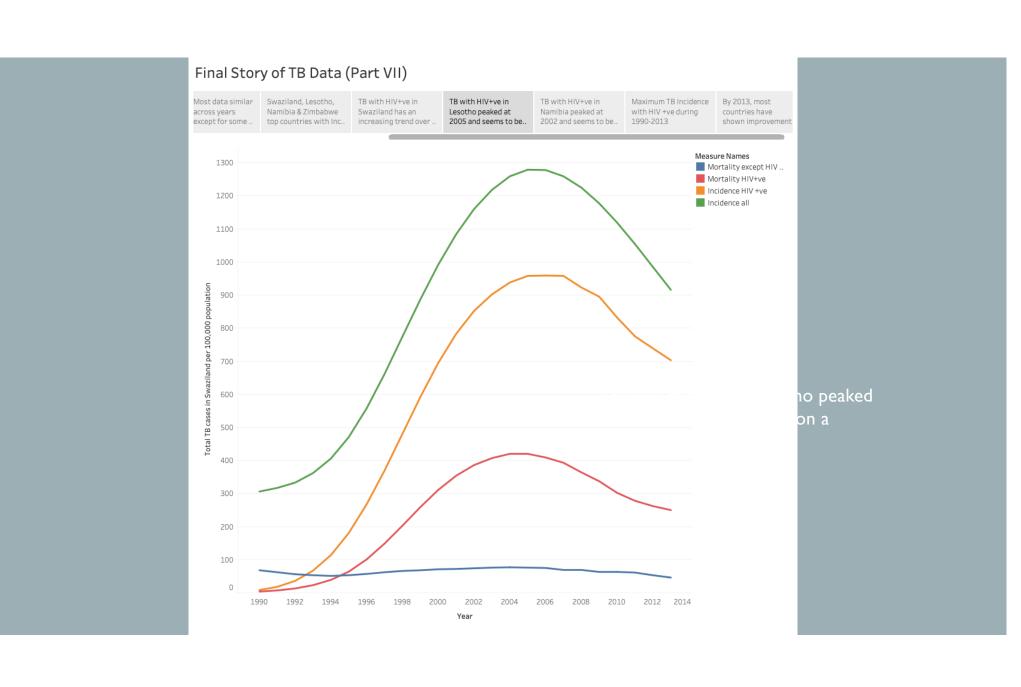


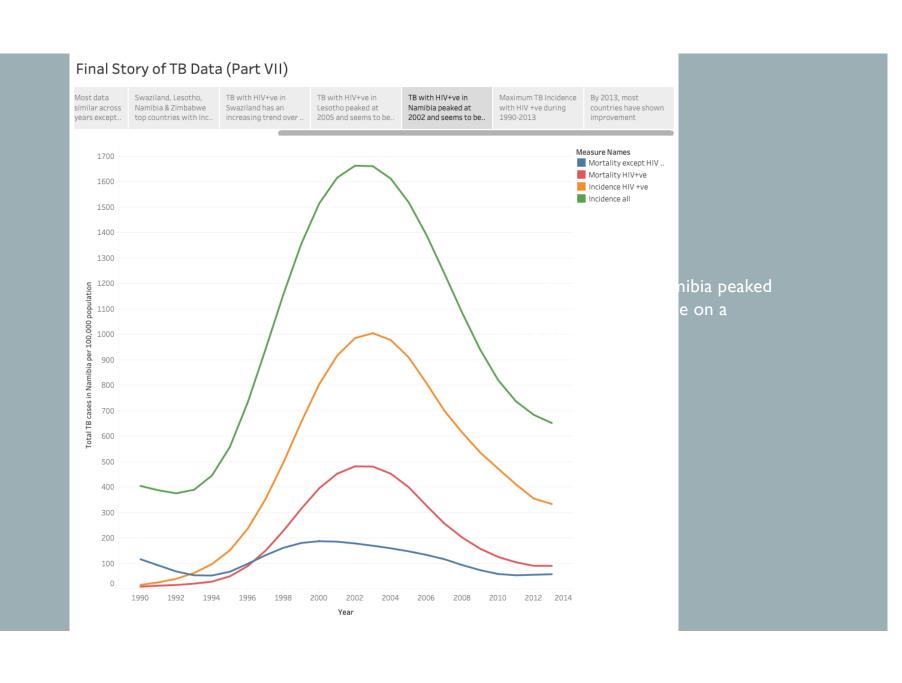












Final Story of TB Data (Part VII)

Most data

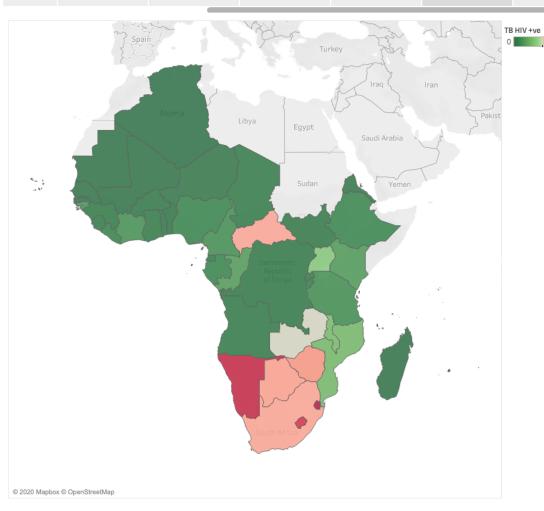
Swaziland, Lesotho, similar across Namibia & Zimbabwe top countries with Inc..

TB with HIV+ve in Swaziland has an increasing trend over ..

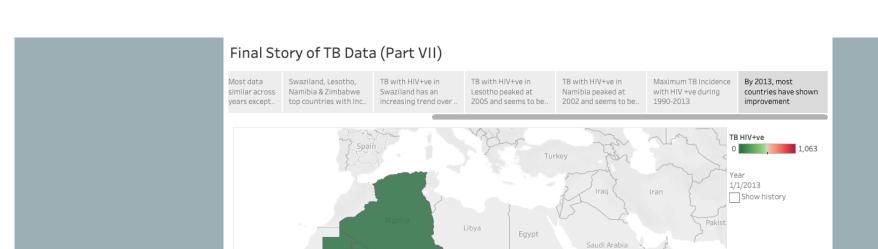
TB with HIV+ve in Lesotho peaked at 2005 and seems to be..

TB with HIV+ve in Namibia peaked at 2002 and seems to be.. Maximum TB Incidence with HIV +ve during 1990-2013

By 2013, most countries have shown improvement



with HIV



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countries have

