

Global Wellness Navigator

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What is SDG 3?

SDG 3: Good Health and Well-Being

- Ensuring healthy lives and promoting well-being for all ages.
- Achieving universal health coverage and access to essential healthcare by 2030
- Reducing maternal, neonatal, and under-5 mortality rates.
- Ending epidemics like AIDS, tuberculosis, and malaria.
- Strengthening health systems and emergency preparedness.



Why SDG 3?

Should be a priority because

- Healthier lives lead to stronger communities and societal progress.
- Productive workforce reduces healthcare costs and fuels development.
- Ensures access to healthcare for all, promoting equity.
- Prepares nations for health crises, minimizing disruptions.
- Better health accelerates progress in education, and poverty.



About the tool

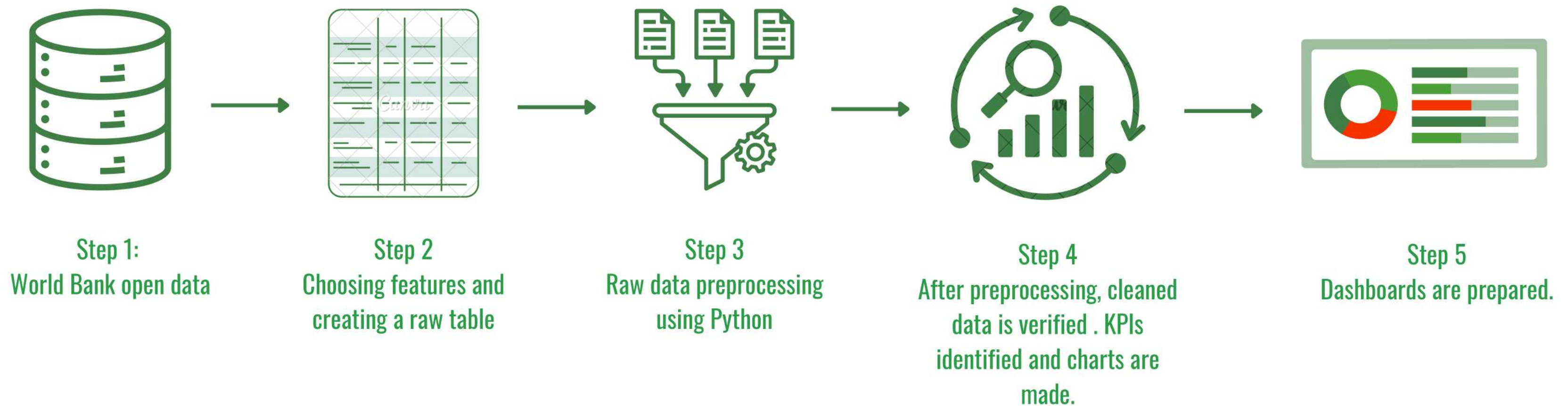
A set of 3 interactive Tableau dashboards that tracks 8 health indicators across countries from 2000 to 2022. User can track profile of an individual countries, see global overview on map, and compare countries indicator-wise to check the progress towards UN SDG targets

Chosen indicators are:

- Health Expenditure (% of GDP)
- Life Expectancy
- Infant Mortality Rate (per 1000 births)
- Neonatal Mortality Rate (per 1000 births)
- Under 5 Mortality Rate (per 1000 births)
- Maternal Mortality Rate (per 100000 births)
- Tuberculosis incidents (per 100000 people)
- Undernourishment (% of population)

Methodology

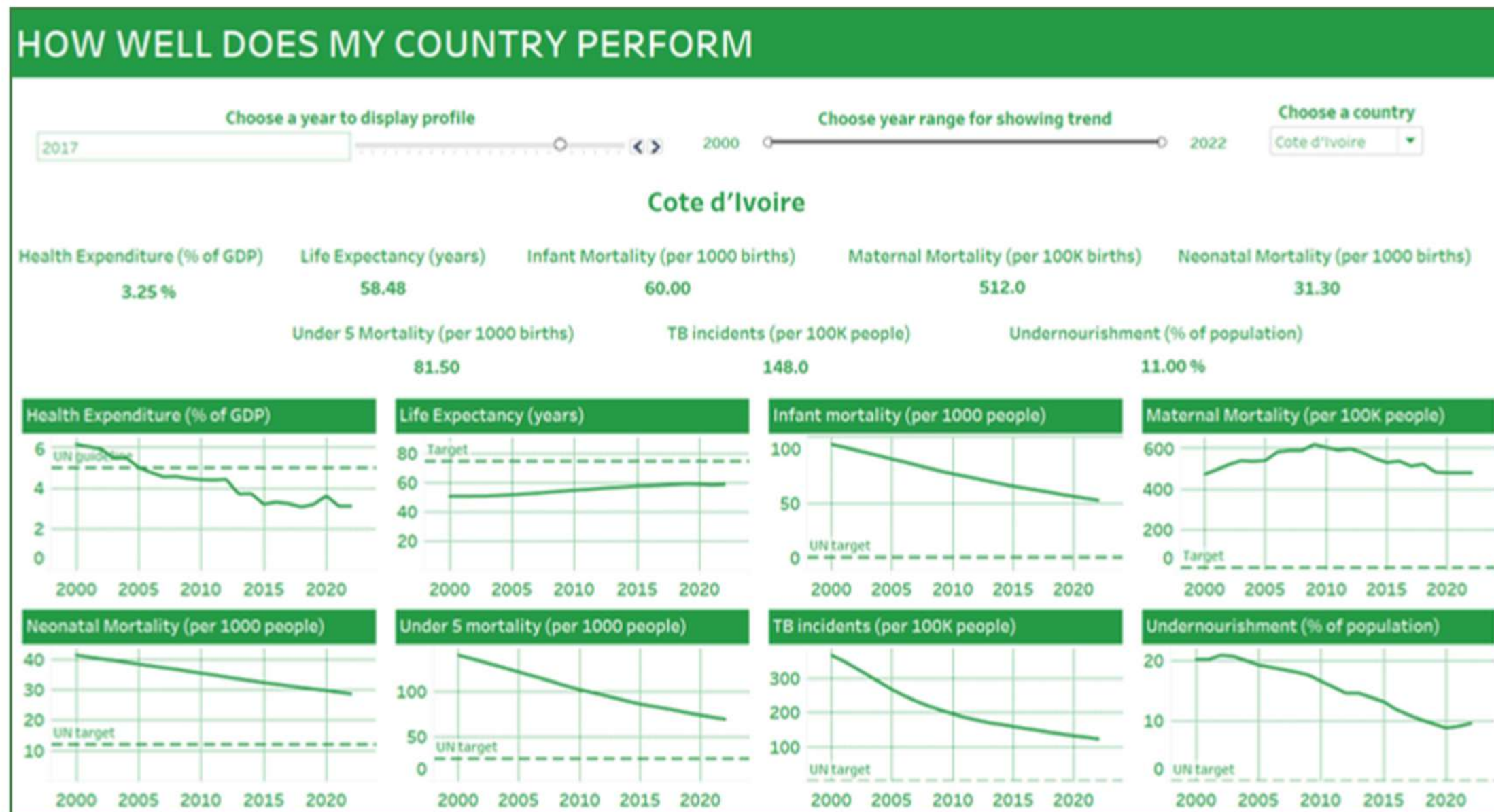
Following flowchart shows the step-wise approach to create this tool.



Components

Dashboard 1: How well does my country perform

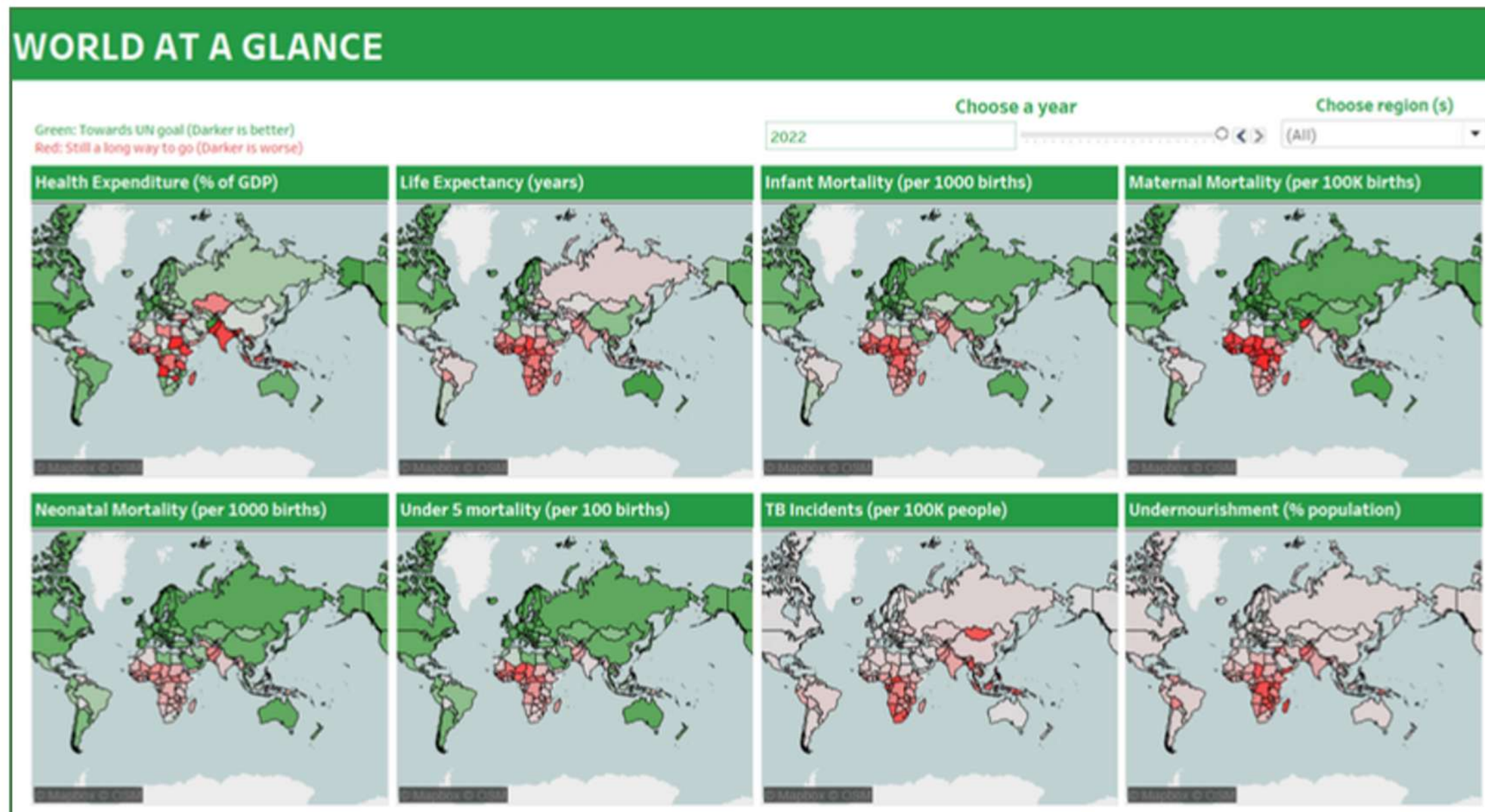
This dashboard shows a country profile across a time frame. User has an option to choose country and time frame of his/her choice



Components

Dashboard 2: World at a glance

This dashboard shows world overview of all the health indicators for a chosen year. User also has a choice to select a certain region.



Components

Dashboard 3: How my country fares against others

This dashboard allows user to compare any number of countries for an indicator (currently, only IMR is available). It also shows top and bottom countries for an indicator year-wise and region-wise.



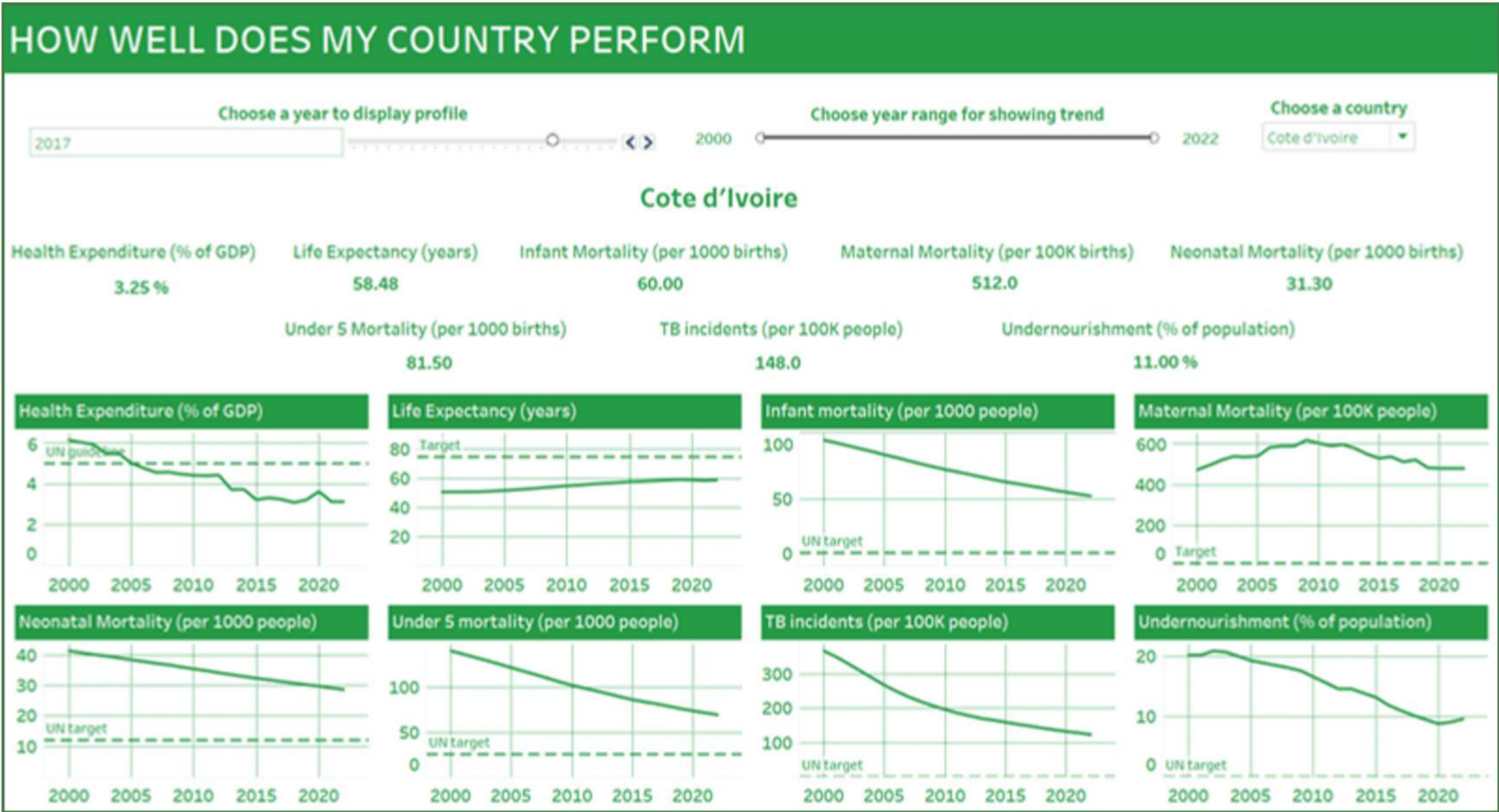
Use Cases

Use Case 1: A specific country profile over a specific time period

Selected Country: Ivory Coast
Profile Year: 2017
Time period: 2000-2022

Based on this, user can see all the indicators for country Ivory Coast for 2017 and its progress over time.

There is only one goal that is met for Ivory Coast

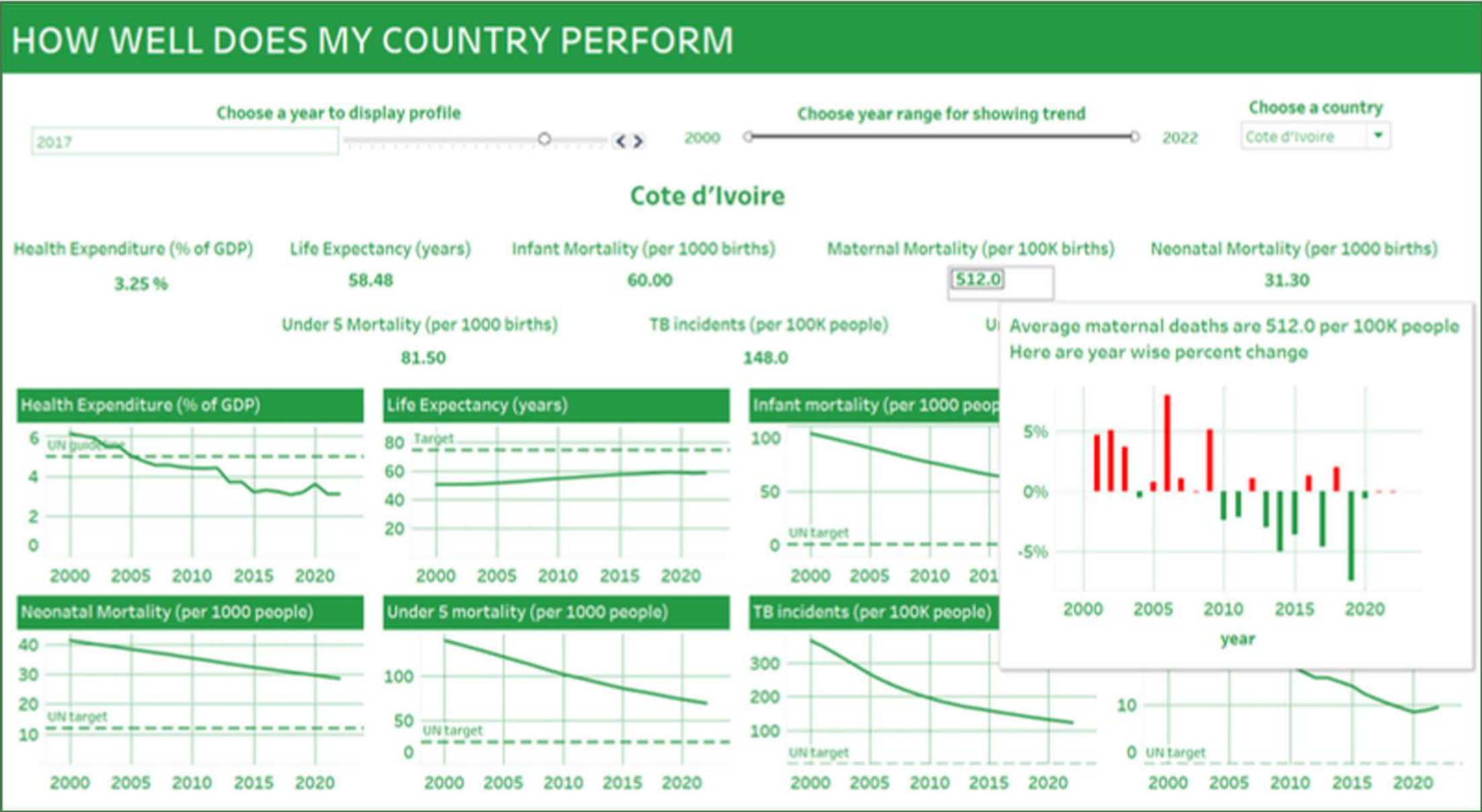


Use Cases

Use Case 1.1: Show changes in a specific indicator

By hovering over an indicator, user can see the changes in that indicator over a time period.

Ivory Coast is showing no progress in reducing MMR for past 3 years

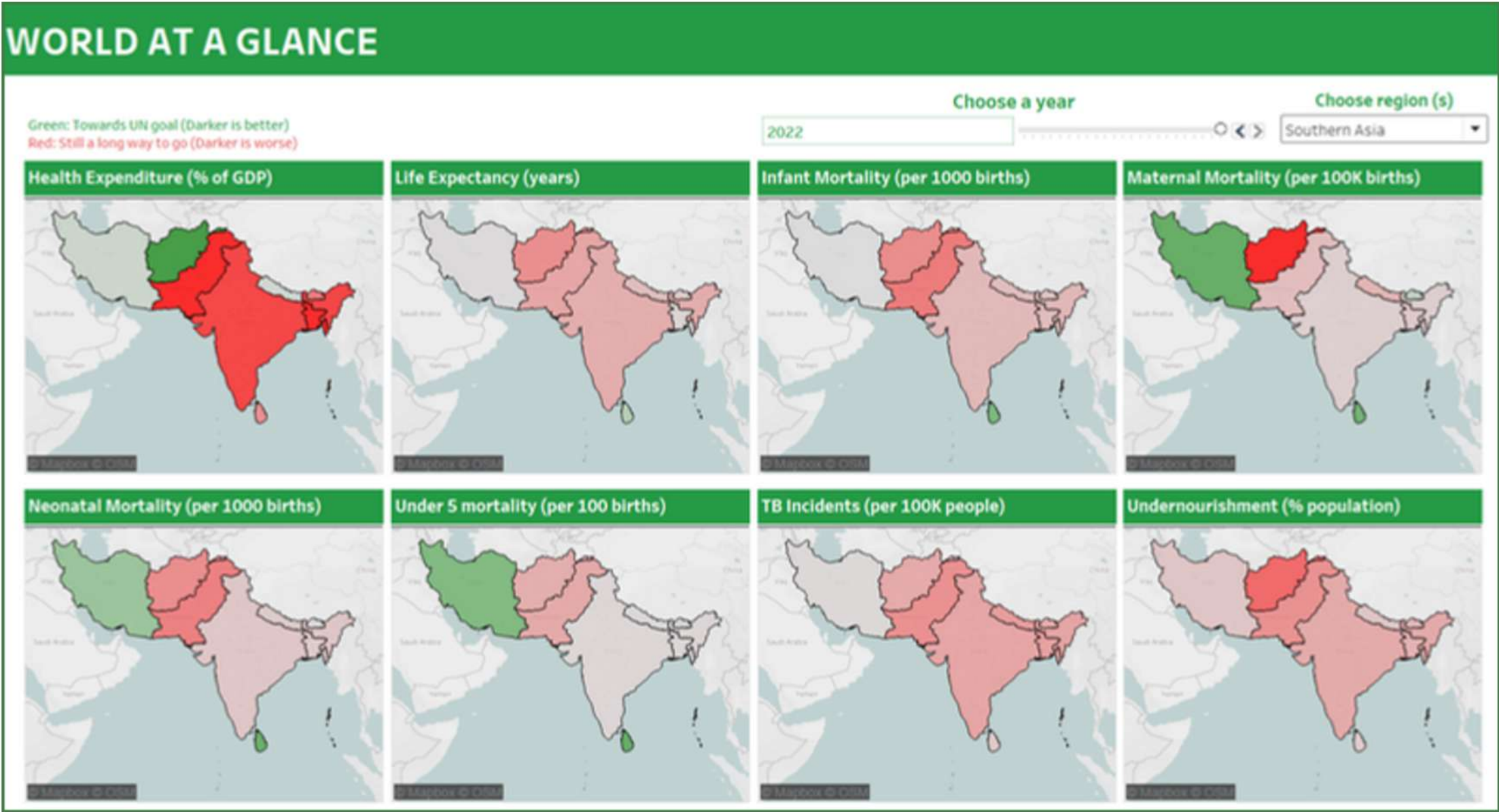


Use Cases

Use Case 2: Show disparity in a selected region (s) for a chosen year

Selected Region: Southern Asia
Chosen year: 2022

Based on this, user can see that Southern Asia is still having a long way to achieve UN targets for most of the indicators



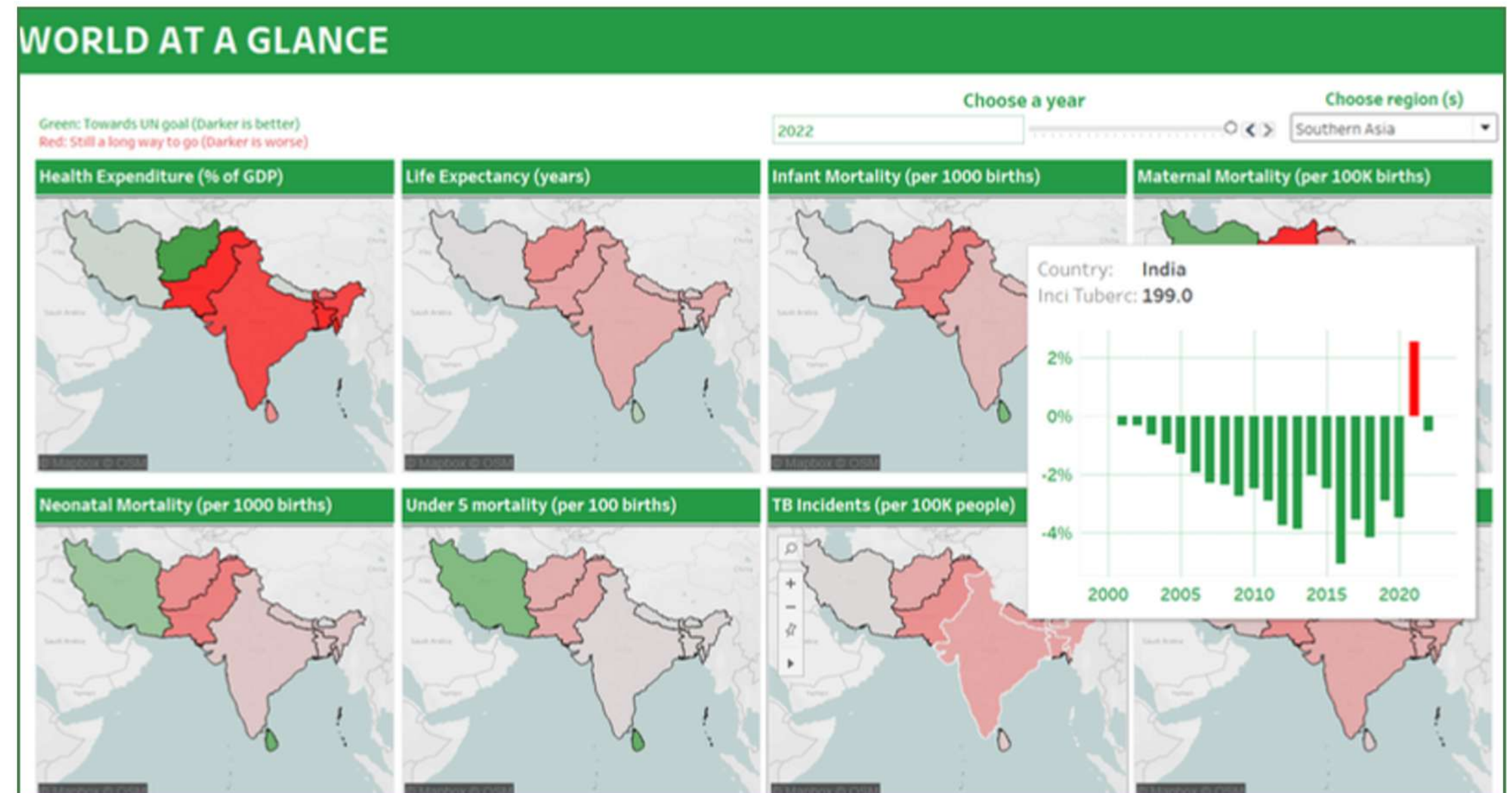
Use Cases

Use Case 2.1: Show changes in a specific indicator

Country hovered: India

Indicator: Tuberculosis incidents

Based on this, user can see that expect for 2021, India is showing significant improvements in reducing TB incidents

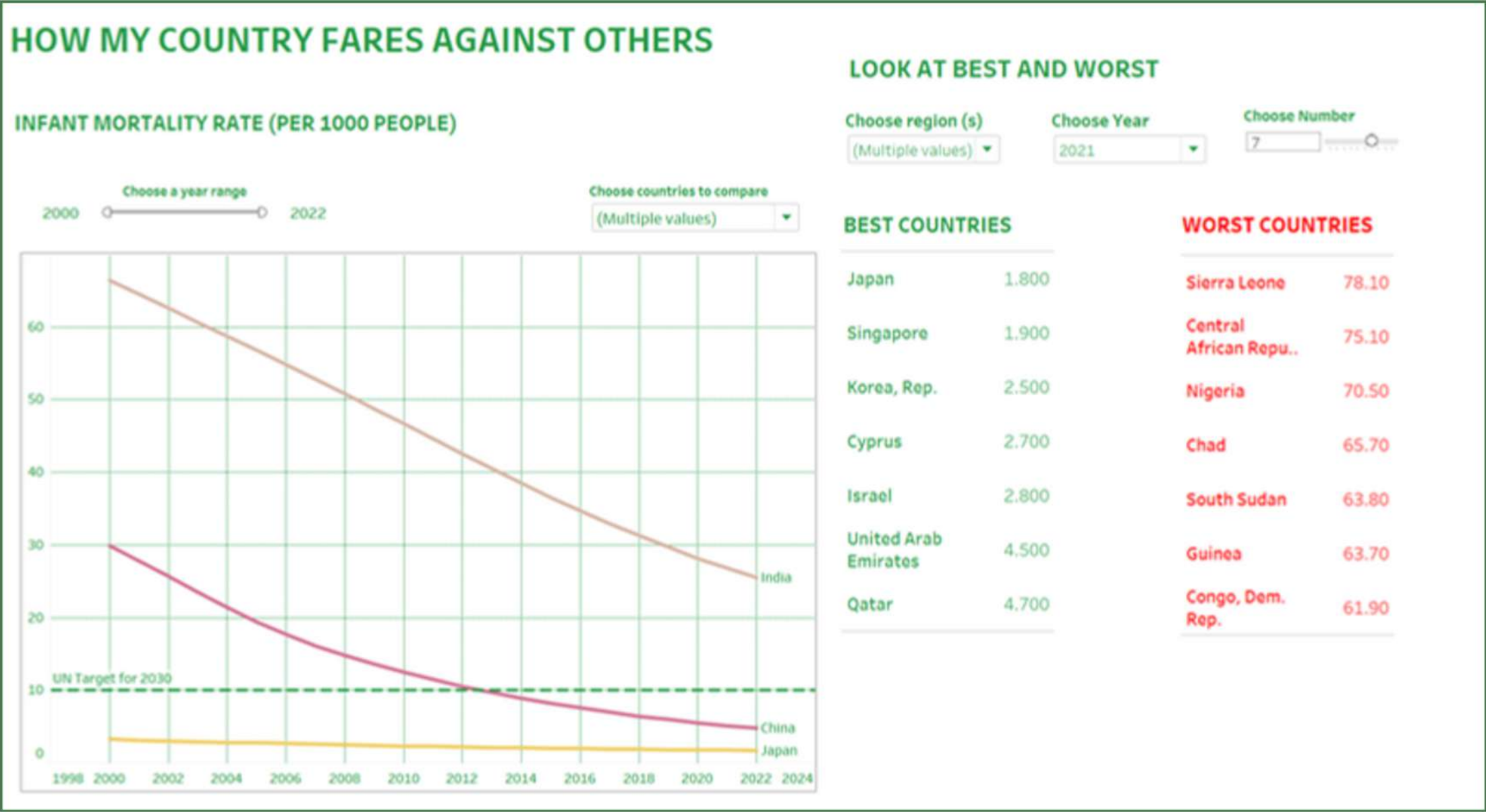


Use Cases

Use Case 3: Compare countries over a selected time range

Country chosen: India, China, Japan
Indicator: IMR (per 1000 births)
Chosen Time Range: 2000-2022

Based on this, user can see that China has achieved UN target for IMR, Japan is historically below 10, and India still needs to achieve the target

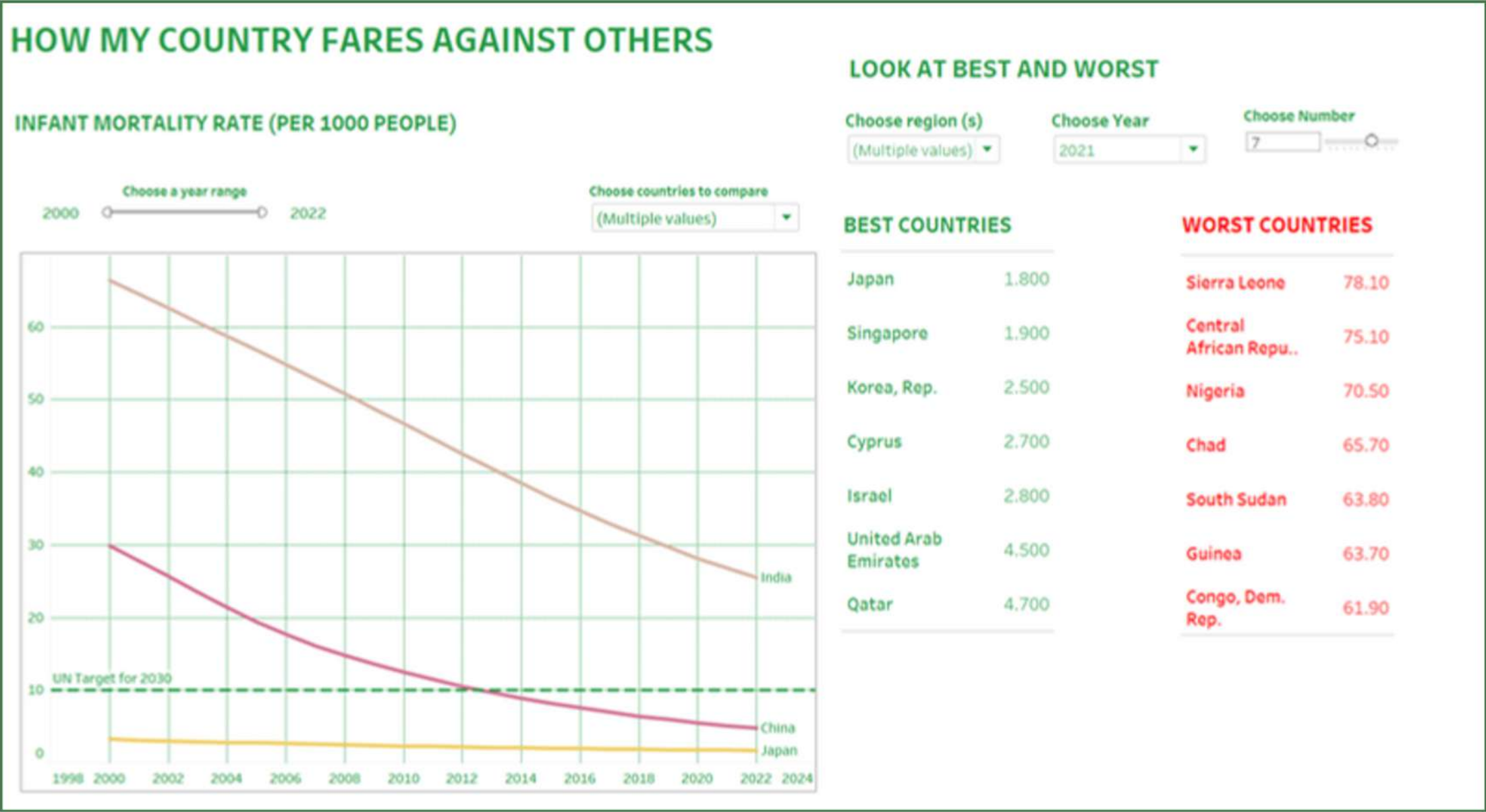


Use Cases

Use Case 4: See best and **worst** countries for a year and region (s)

Indicator: IMR (per 1000 births)
Chosen Year: 2021
Chosen Regions: Asia and Africa
Number: 7

Based on this, user can see top 7 best and **worst** countries in IMR for year 2021



Future Developments

- Data at more granular level: To compute time based average and country and region wise averages.
- Allowing the user to have a choice for selecting a certain indicator for comparison in component 3
- More indicators can be included in the data for more holistic comparison
- Inculcating income status of countries over time and relate how performance in health indicators affect the income status of a country

Thanks
Feel free to ask questions