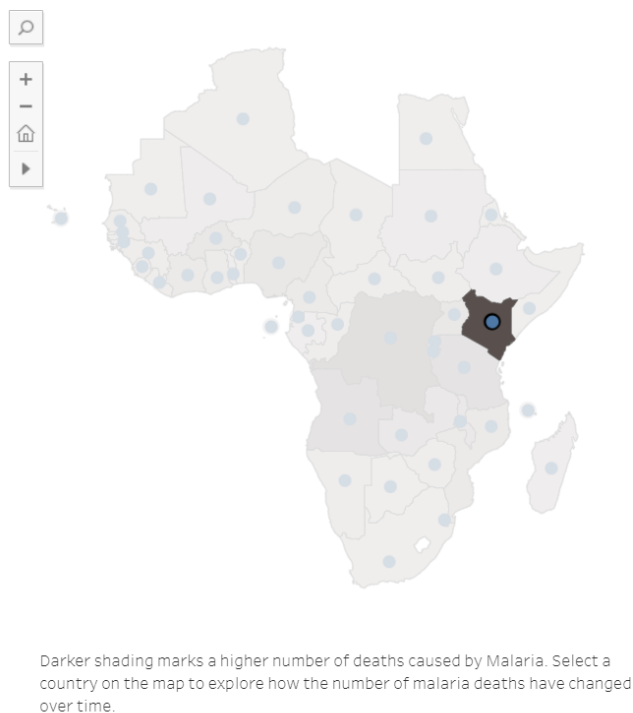**Project : Interpret a Data Visualisation.**

Case: Malaria in Africa.

This report will present 3 insights of mortality caused by malaria in African countries in 2000-2014 based on visualizations created in the Tableau program.

Kenya is the country with the highest death rate in Africa. The avarage numer of deaths is 27,89K. From dashborad, it is possible to see that area of this country has the darkest shading marks which testifies to high numer of deaths coused by malaria. I clicked Kenya on the map, then from the diagram which shows the numer of deaths in years 2000-2014, it is possible to see that from year 2000 to 2010 the number of deaths is from around 25K to over 50K. After 2010 the number of deaths has drastically decreased to less then 1K deaths per year.
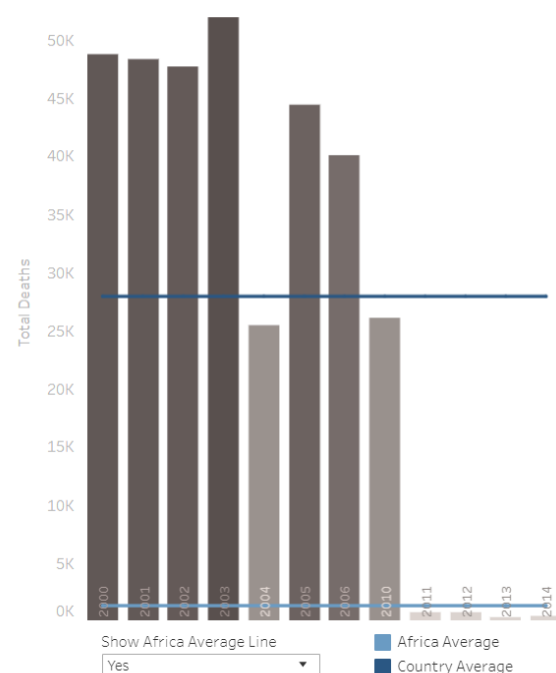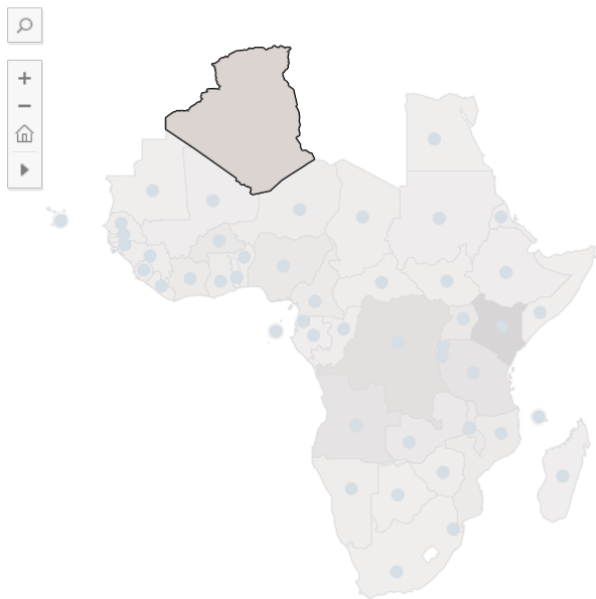

Fig 1. Number of malaria deaths in Kenya in years 2000-2014

In Algeria mortality caused by malaria is close to zero. The average death rate in this country is 1 person per year. From the dashboard, I clicked Algeria on the map to check the diagram which showing the number of fatal cases in every year, it can be seen that in Algeria the close to zero mortality rate remains unchanged from 2000 to 2014.

Darker shading marks a higher number of deaths caused by Malaria. Select a country on the map to explore how the number of malaria deaths have changed over time.

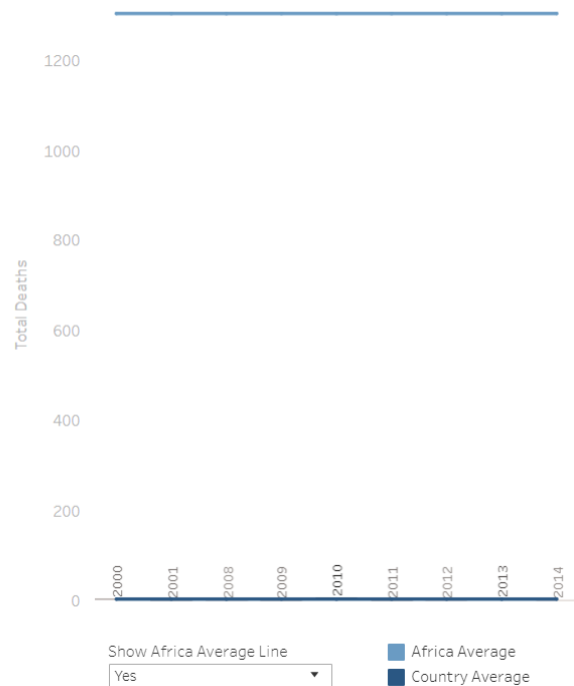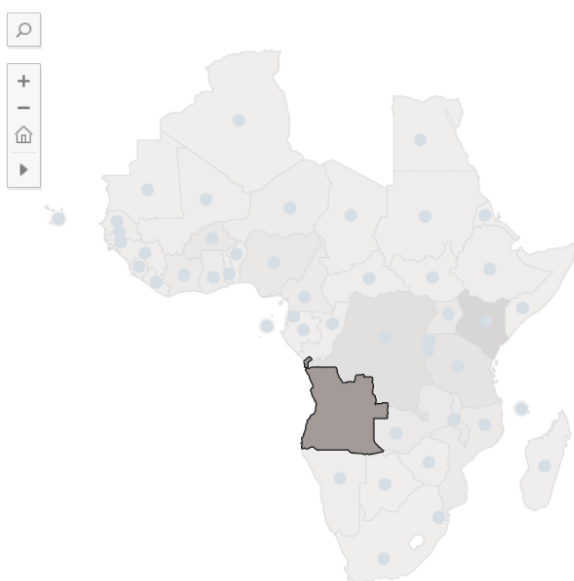Show Africa Average Line
Yes

Africa Average
Country Average

Fig 2. Number of malaria deaths in Algeria in years 2000-2014

Avarage deaths rate due to malaria in Angola have been oscillated more or less on the similar level every year with the exception of year 2003. From presented dashboard, after I clicked Angola on the map, it can be seen that the number of fatal cases oscillated from 7K to 15K, only in year 2003 the number of deaths was almost 40K, which was several times higher compared to other years.

Which countries are most affected?

How have the number of malaria deaths changed over time in **Angola**?

Darker shading marks a higher number of deaths caused by Malaria. Select a country on the map to explore how the number of malaria deaths have changed over time.

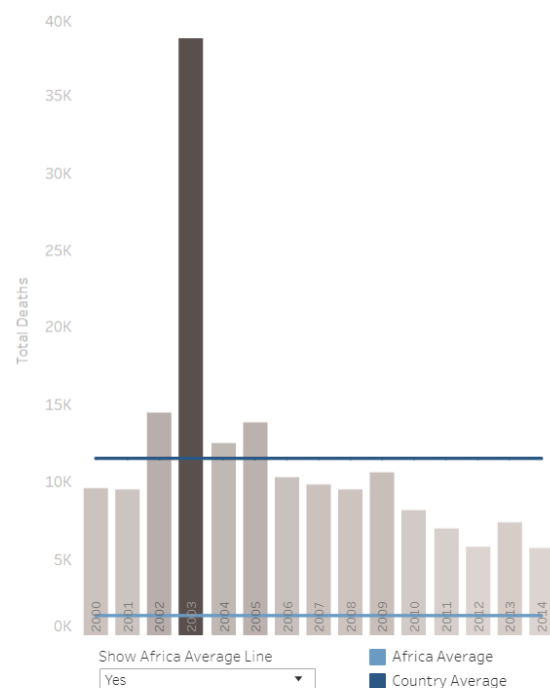Show Africa Average Line
Yes

Africa Average
Country Average

Fig 3. Number of malaria deaths in Angola in years 2000-2014