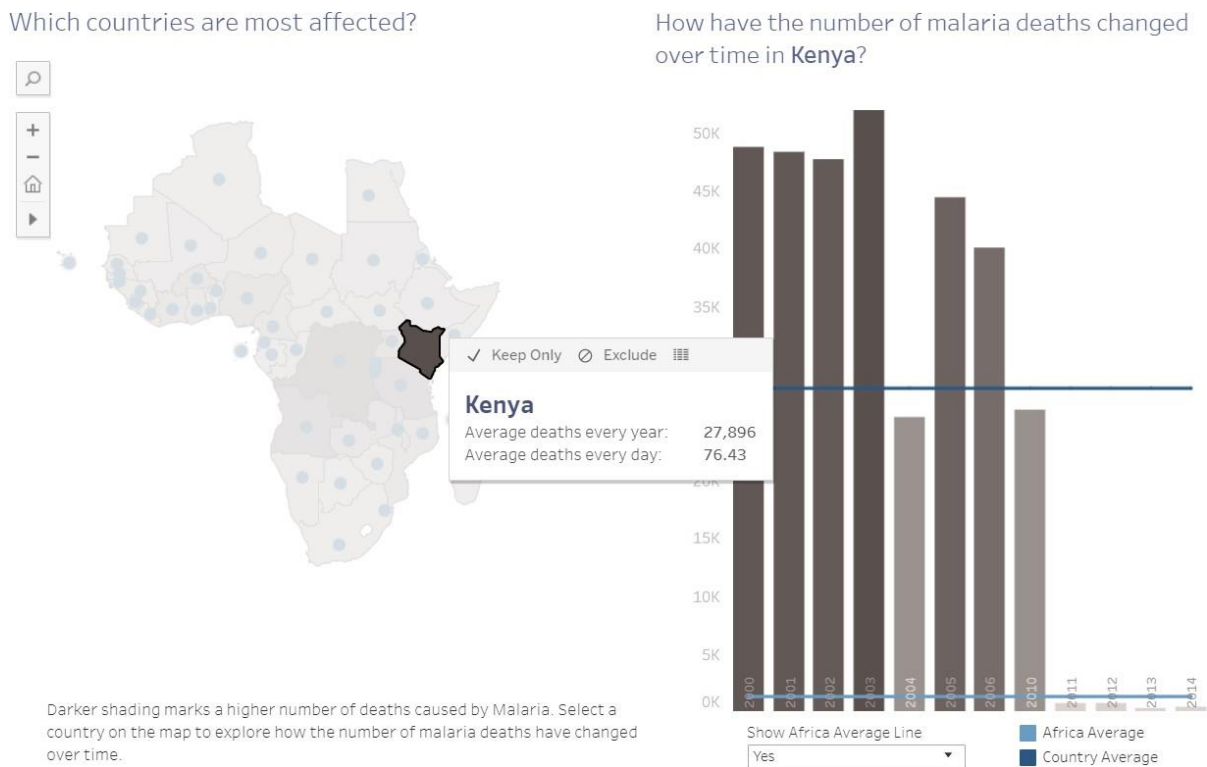


Udacity

Project 1: Interpret a Data Visualization on Malaria deaths in Africa from 2000 to 2014

We have not included all the countries, from which we have highlighted the most affected countries over time for the period of 2000 to 2014. The different insights of countries like Kenya, Democratic republic of Congo, Angola.

First Insight: How the number of malaria deaths changed over time in Kenya?

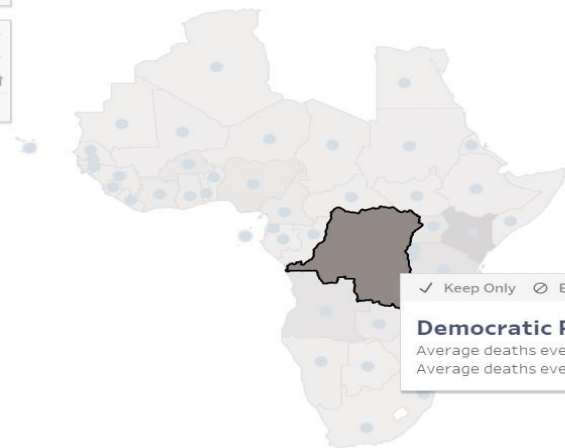


From the dashboard of malaria in Africa I have clicked on the country which we are doing analysis, here Kenya is selected and the bar graph for the deaths from year 2000 to 2014 is shown. In the year 2000 more than 48 thousand people were dead from the deadliest disease malaria. And over the time people had lost their lives due to less medical treatment. Total deaths have risen to around 55 thousand people in the year 2003. After that Kenya has taken some measurement so that they could save lives of people and their effort can be seen very next year. From the year 2005 and 2006 increase in deaths can be seen, but we see a decline in graph of deaths due to malaria. Average death of country is 27,896.

Second Insight: Democratic Republic of the Congo

From the dashboard of malaria in Africa I have clicked on the country which we are doing analysis, here Democratic Republic of the Congo is selected and the bar graph for the deaths from year 2000 to 2014 is shown. We can see few thousand cases in from the year 2000 to 2003. Thereafter there is a sudden incline in deaths due to malaria. More than 14 thousand people have died from malaria in 2004 and it has increase since then, reached to the highest death rate of more than 30 thousand in 2013. The country average death toll is 15,203.

Which countries are most affected?

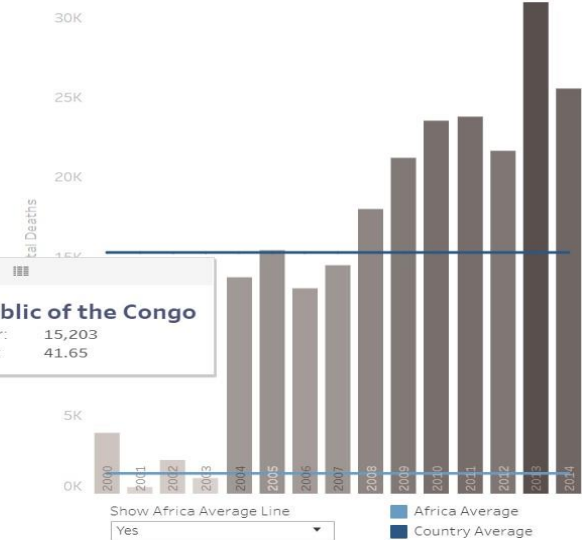


✓ Keep Only ✕ Exclude

Democratic Republic of the Congo
 Average deaths every year: 15,203
 Average deaths every day: 41.65

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.

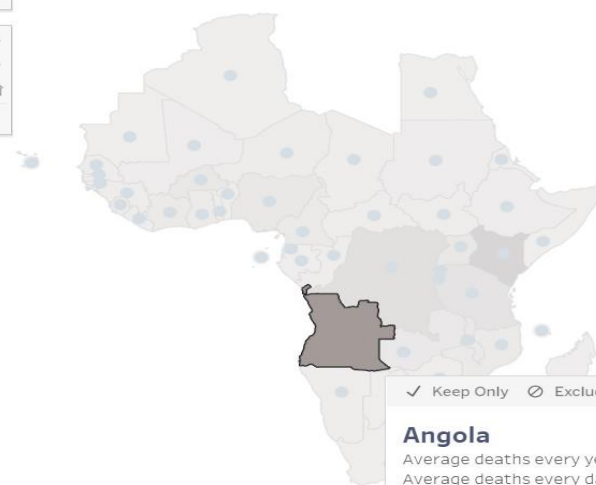
How have the number of malaria deaths changed over time in **Democratic Republic of the Congo**?



Third Insight: Angola death rate by the deadliest disease Malaria.

From the dashboard of malaria in Africa I have clicked on the country which we are doing analysis, here Angola is selected and the bar graph for the deaths from year 2000 to 2014 is shown. The average death rate of the country is 11,469. For the year 2000 to 2002 total death is less than 15 thousand. But in 2003 there is a sudden rise in death and reaches to 40 thousand, which is greater than any year after that. There is a decline in death and in 2014, less than 6 thousand people are affected by disease.

Which countries are most affected?

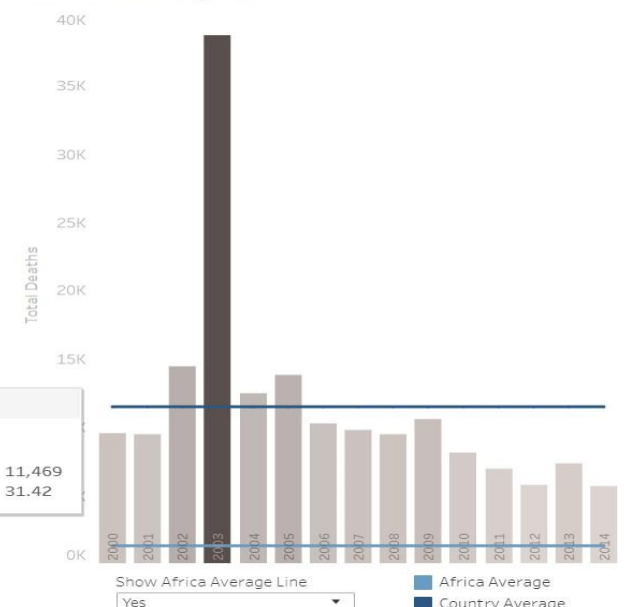


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Angola
 Average deaths every year: 11,469
 Average deaths every day: 31.42

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.

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



Conclusion: Kenya has the highest death rate than any other countries, but they have managed to save lives of people and from 2011 few people have died from malaria. Same thing cannot be said for the Democratic Republic of the Congo as death rate has risen from 2004 and cannot be seen any decline from them. In 2003 things were out of hand of Angola when the no of deaths reaches to around 40 thousand but after that sudden decline can be from next year to 2014.

