

# Interpret a Data Visualization

## On

### Malaria in Africa

By

R.Manoj

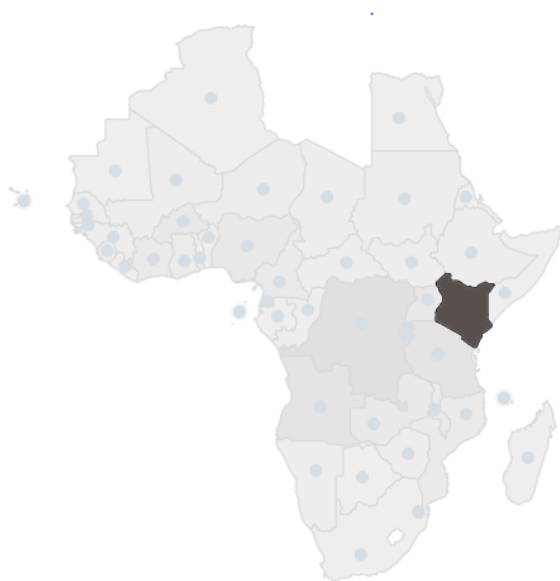
[manojaiyer888@gmail.com](mailto:manojaiyer888@gmail.com)

## Insights

### 1) Whether the deaths in Kenya are reduced and to what extend?

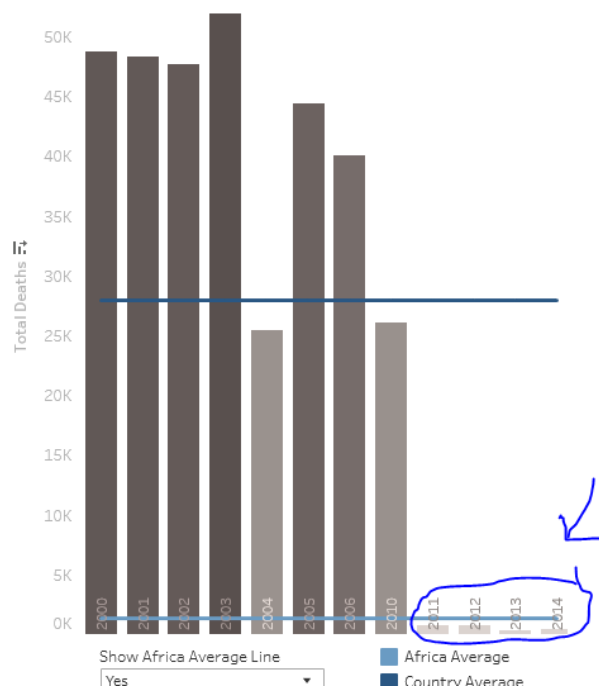
In Kenya the deaths due to malaria are

Which countries are most affected?



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

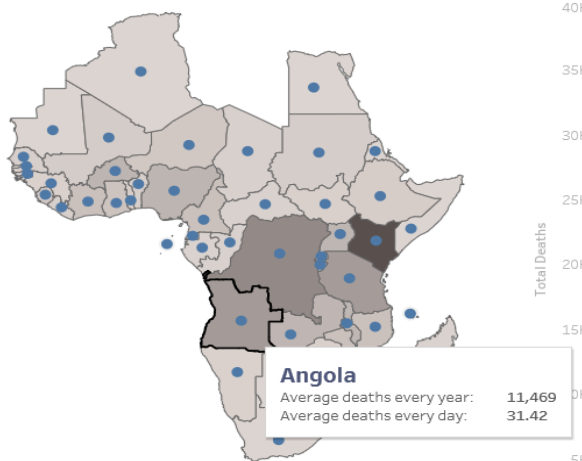
How have the number of malaria deaths changed over time in Kenya?



- Reduced to less than 2% after 2010 i.e. from 2011 to 2014
- During this period (2011 to 2014) the Deaths are also less than the Africa's average number of deaths (Average line)

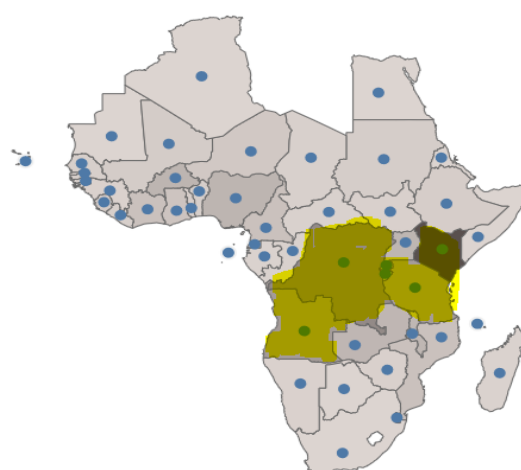
### 2) What are the countries that are more effected by Malaria and how is it related to average death per day?

Which countries are most affected?



How many countries are most affected?

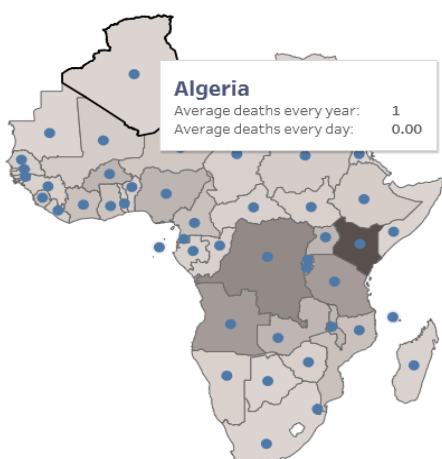
Total Deaths  
40  
35  
30  
25  
20  
15  
10  
5



- Democratic Republic of the Congo, Angola,
- United Republic of Tanzania and Kenya are the countries that are highly affected by Malaria. These countries have average death per day greater than 30.
- These countries are also nearer to each other in the Map and occupy a centre position in the map visualization.

### 3) What are the Countries that are least affected by Malaria and which is the country where Malaria has created a very minimal impact?

- Algeria, Mauritania, Egypt, Somalia, Botswana, South Africa, Swaziland and Cado verbe. These cities are considered as least affected by Malaria because the average deaths per day are less than one.
- Algeria is the country where malaria has created a very minimal impact because the average deaths per day is 0.00 and the average deaths per year is 1.
- Countries with lighter shade are considered to be least affected.



Total Deaths

