

# Project Interpret Data Visualization: Malaria In Africa



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## **Overview:**

Malaria occurs mostly in poor tropical and subtropical areas of the world. In many of the countries affected by malaria, it is a leading cause of illness and death. In areas with high transmission, the most vulnerable groups are young children, who have not developed immunity to malaria yet, and pregnant women, whose immunity has been decreased by pregnancy. The costs of malaria – to individuals, families, communities, nations – are enormous, in this report i will show some of the insights & static images about Malaria deaths in Africa from 2000-2014.

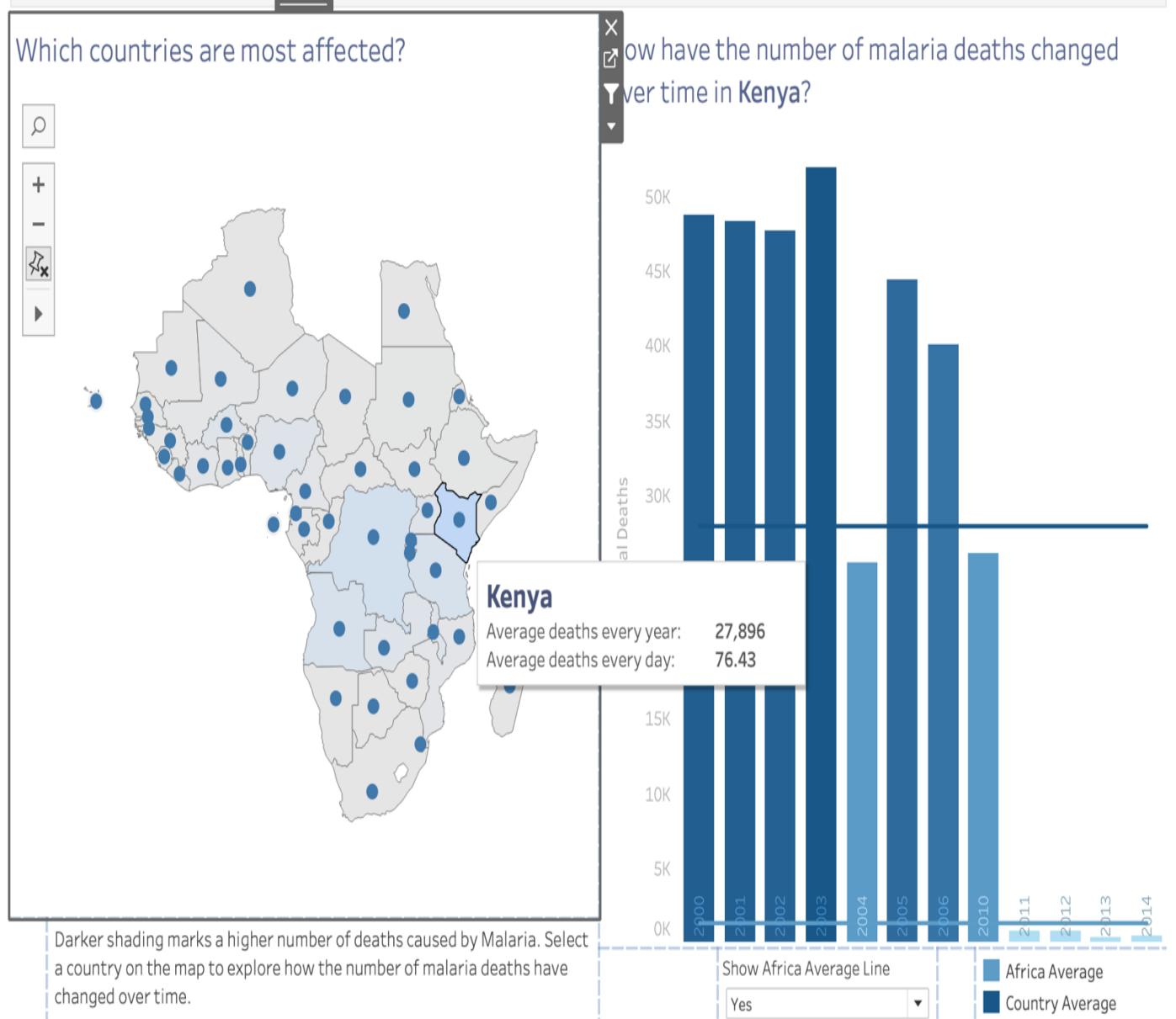
## **Tool Used :**

- Tableau

## Insight 1: Malaria Deaths in Africa: 2000-2014

By looking to the Kenya across the Map & Bar chart, We notice that the average deaths every year is 27,896 and the average deaths every day is 76,43 and We also notice from year 2000-2006 number of deaths greater than Country , Africa Average and from year 2011-2014 number of deaths less than Country, Africa Average ,the year 2003 was the highest among all years in number of deaths. Where it was the most highest in the number of deaths and the most affected among all countries

### Malaria Deaths in Africa: 2000-2014

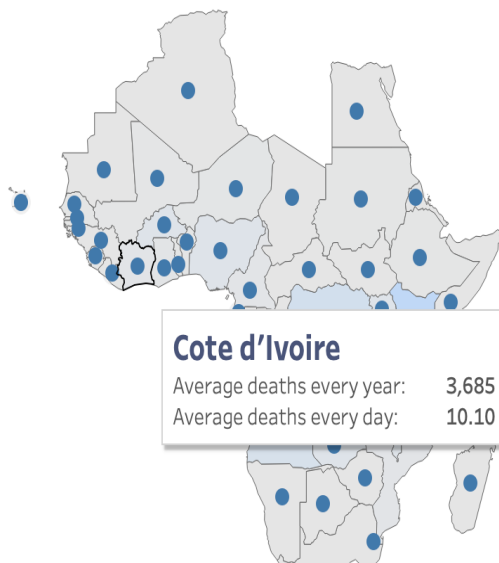


## Insight 2: Malaria Deaths in Africa: 2000-2014

By looking to the Cote d'Ivoire across the Map & Bar chart, We notice that the average deaths every year is 3,685 and the average deaths every day is 10,10 we note the terrible rise of number of deaths that occurred in 2009 year, where it was recorded big increase over all years and big increase greater than Average of Country,Africa , where the number of deaths reached through that year to 18,000 death case.

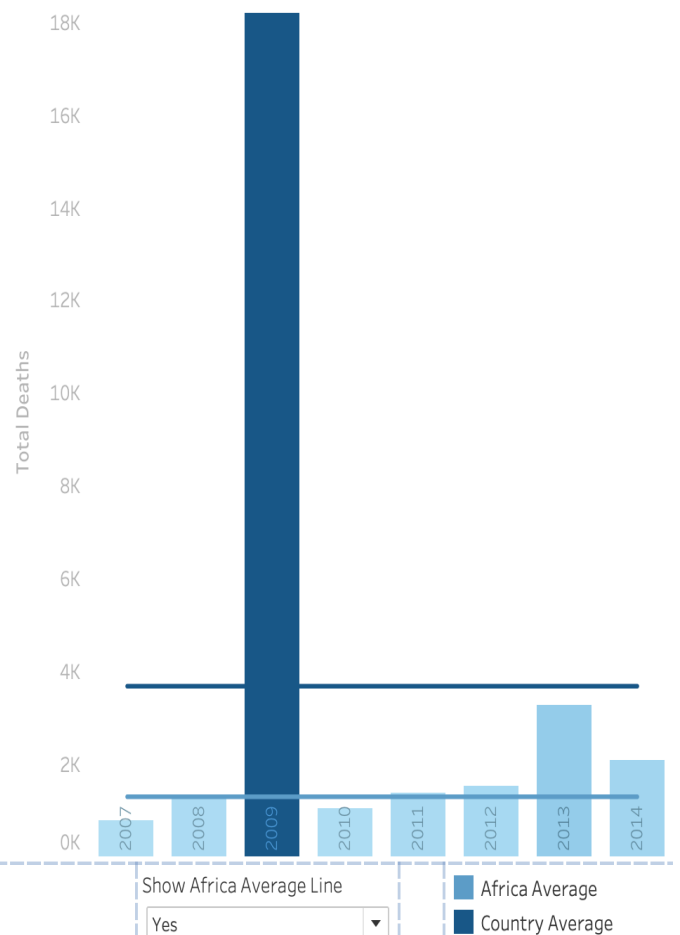
### Malaria Deaths in Africa: 2000-2014

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 Cote d'Ivoire?

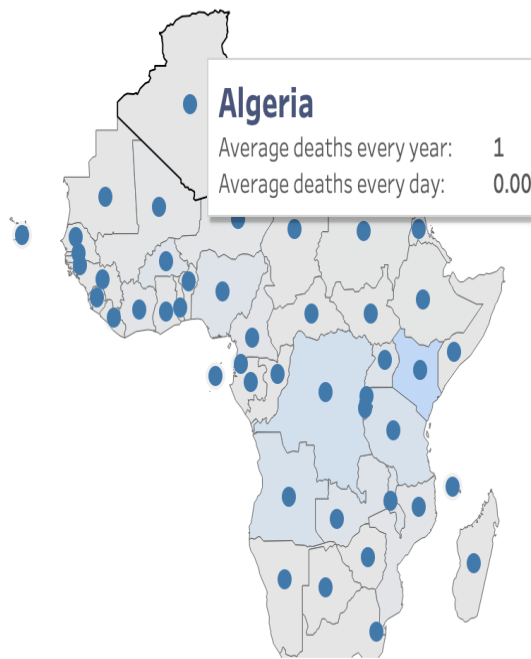


### Insight 3: Malaria Deaths in Africa: 2000-2014

By looking to the Algeria across the Map & Bar chart, We notice that the average deaths every year is 1 and the average deaths every day is 0.00 Where it was the most lowest in the number of deaths and the lowest affected among all countries

## Malaria Deaths in Africa: 2000-2014

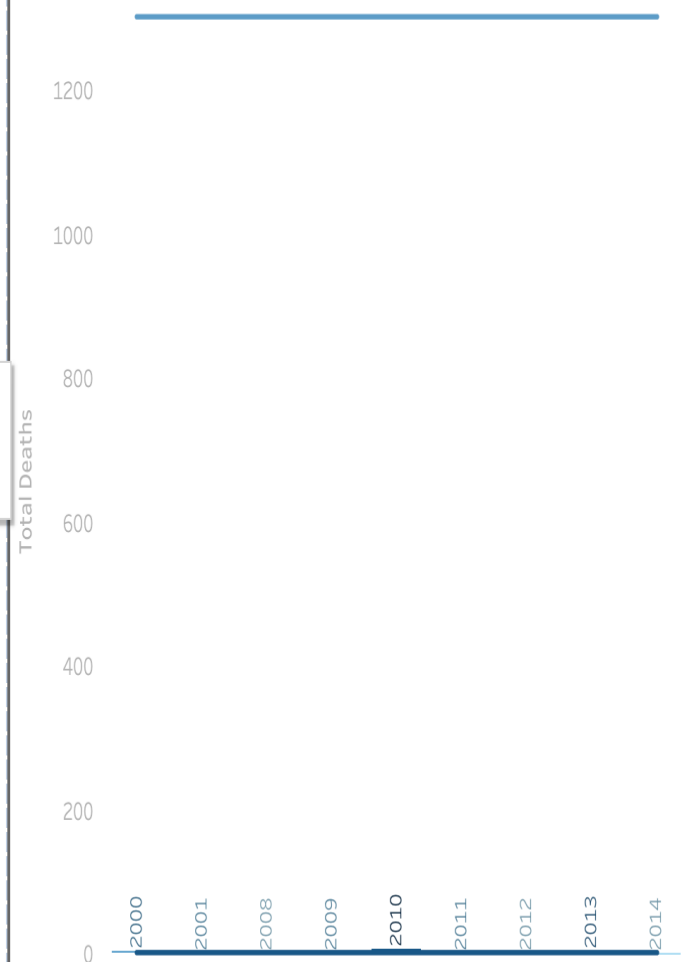
Which countries are most affected?



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 Algeria?



Show Africa Average Line

Yes

Africa Average  
Country Average