

Project1: Interpret a Data Visualisation

Interpret a Data Visualization on Malaria deaths in Africa from 2000 to 2014.

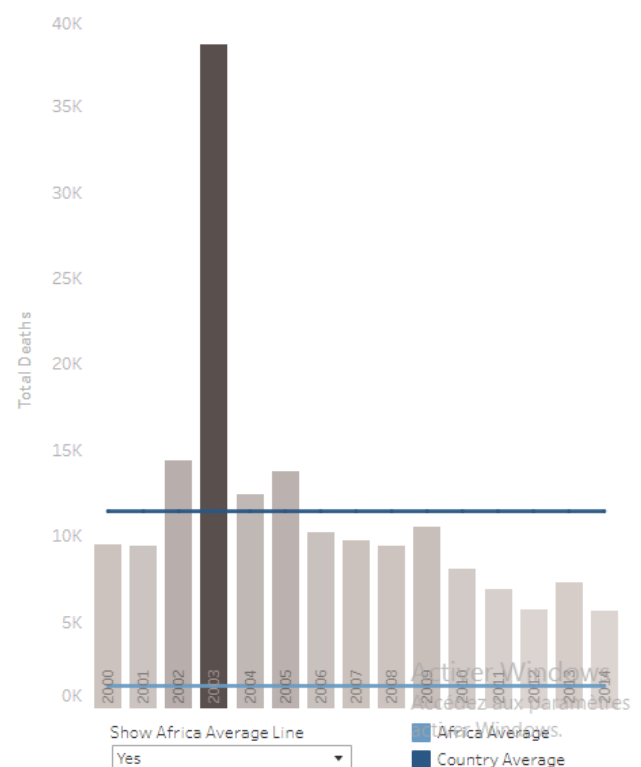
First Insight: How the number of malaria deaths changed over time in Angola?

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 Angola?



The average death rate in Angola is 11,469. From that dashboard, I clicked on Angola on the map, this showed deaths due to malaria for each year from 2000 to 2014. From 2000 to 2002, there was less than 15 thousand death per year. In 2004, there was a sudden rise in death that reached almost 40 thousand which was the highest number of deaths from 2000 to 2014. After that, there is a decline in death, the number of deaths never reaches 15 thousand.

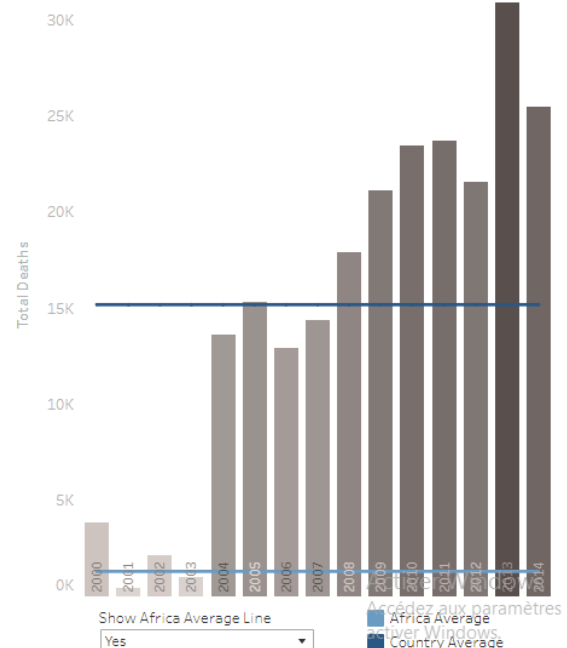
Second Insight: How the number of malaria deaths changed over time in Democratic Republic of the Congo?

Which countries are most affected?



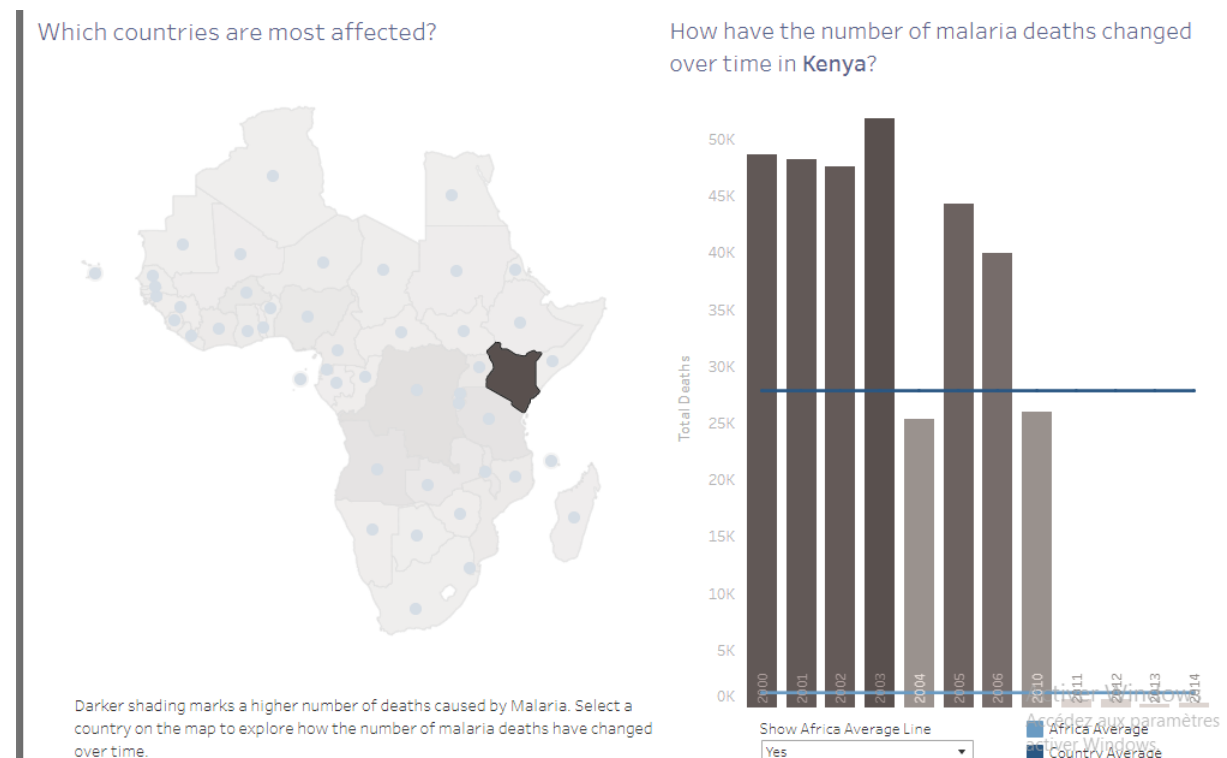
Darker shading marks a higher number of deaths caused by Malaria. Select a country on the map to explore how the number of malaria deaths have changed over time.

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



The average death rate in Democratic Republic of the Congo is 15,203. From that dashboard, I clicked on Democratic Republic of the Congo on the map, this showed deaths due to malaria for each year from 2000 to 2014. The number of deaths was less than 5 thousand from the year 2000 to 2003 which was a low number compared to the average. After that, there was a sudden incline in deaths, about 14 thousand people have died in 2004 and it has increased since then, reached to the highest death rate of more than 30 thousand in 2013.

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



The average death rate in Kenya is 27,896. From that dashboard, I clicked on Kenya on the map, this showed deaths due to malaria for each year from 2000 to 2014. From 2000 to 2003, there were high numbers of deaths, it has risen to more than 50 thousand deaths in 2003. In 2004, the number of deaths suddenly has halved. A year after, more people have died from malaria it almost reached 45 thousand cases.

From the year 2006 decline in deaths started to be seen, but from 2011 to 2014, there were unusual decreasing numbers of deaths there were less than the Africa average death rate which was 1303.

Conclusion:

Kenya has the highest death average in the continent, it reached more than 50 thousand but all that changed in 2011 when the numbers of deaths were decreasing significantly, they were under the Africa average rate.

For the Democratic Republic of the Congo, it was the opposite as the death rate has risen from 2004 and still growing enormously until It reached the highest numbers than any other countries from 2011 to 2014.

In Angola, things were different compared to the two previous countries, the number of deaths was high and stable, it ranges between 10 and 15 thousand but in 2003, things were out of control the death rate reached a tremendous number of deaths 40 thousand but after that, a sudden decline happened from next year to 2014.