UDACITY

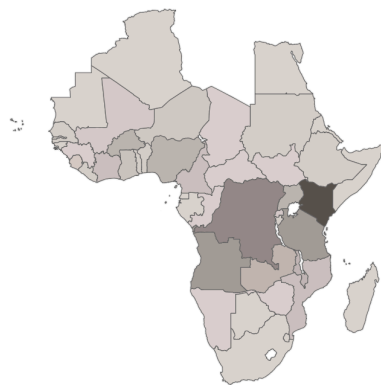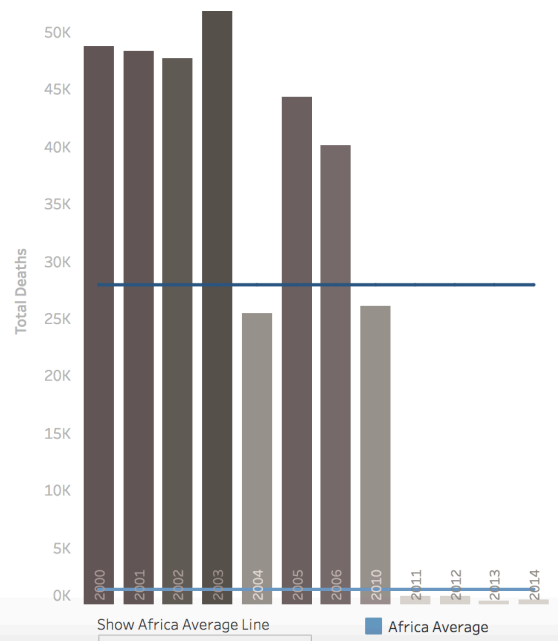## Project 1: Interpret a data visualization – Malaria in Africa

Observation 1: Deaths due to malaria in Kenya dropped

Which countries are most affected?

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

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

Africa Average

Deaths per year due to malaria in Kenya have dropped drastically after 2010 and stayed down ever since. The deaths due to malaria from 2000 to 2010 have been roughly between 25K – 50K. The deaths due to Malaria from 2001 to 2014 have been roughly between 1K – 2K which is a steep decrease.

When I clicked on Kenya on the map, it showed me a graph containing the total deaths due to malaria for each year from 2000 to 2014. This revealed the insight mentioned above.
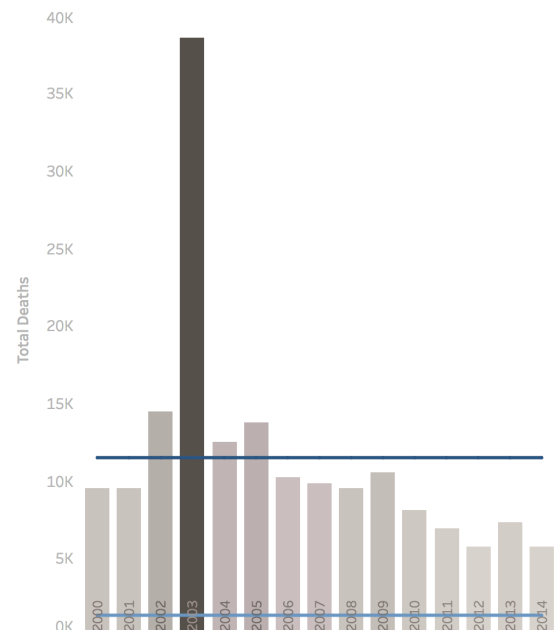
Observation 2: Outlier in deaths per year due to malaria in Angola

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
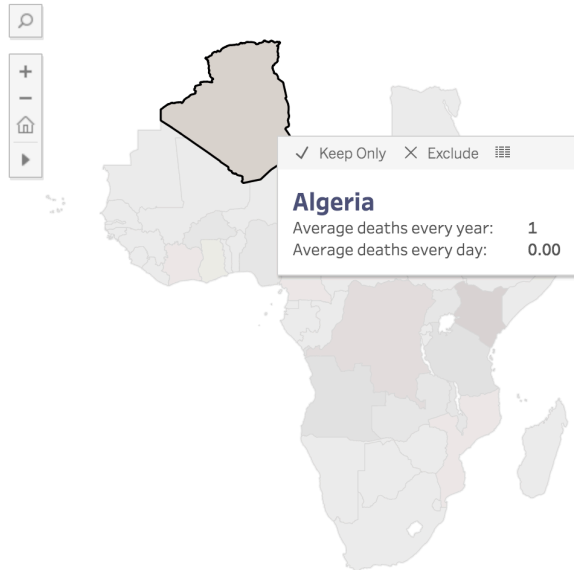
Deaths per year due to malaria in Angola have been pretty steady except in 2003. The deaths due to malaria in Angola skyrocketed in 2003 and turned to 'normal' in 2004 again. The average deaths due to malaria from 2000 to 2014 were roughly around 7K – 12K, whereas the deaths due to malaria in 2003 were a little under 40K. that is a significant increase compared to the rest of the years.
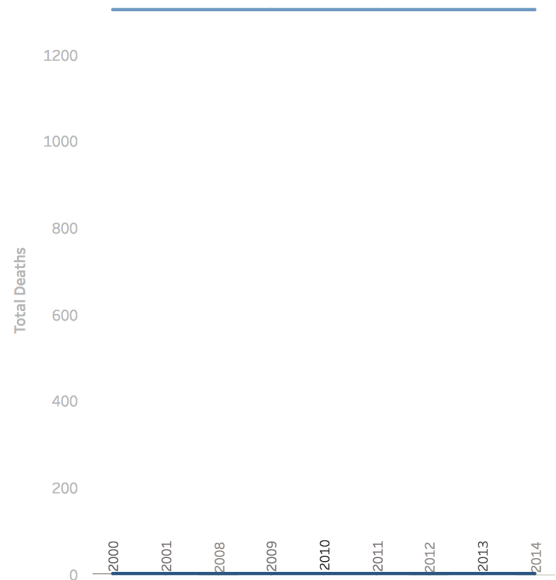
When I clicked on Kenya on the map, it showed me a graph containing the total deaths due to malaria for each year from 2000 to 2014. This revealed the insight mentioned above.

Observation 3: Nonexistent amount of deaths per year due to malaria in Algeria

Which countries are most affected?

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

Darker shading marks a higher number of deaths caused by Malaria. Select a

Deaths per year due to malaria in Algeria have been pretty much nonexistent. When hovering the cursor above the country, you can see that Algeria only has 1 average death due to malaria every year. This is the lowest death rate compared to all the other African countries.

When I clicked on Kenya on the map, it showed me a graph containing the total deaths due to malaria for each year from 2000 to 2014. This revealed the insight mentioned above.