

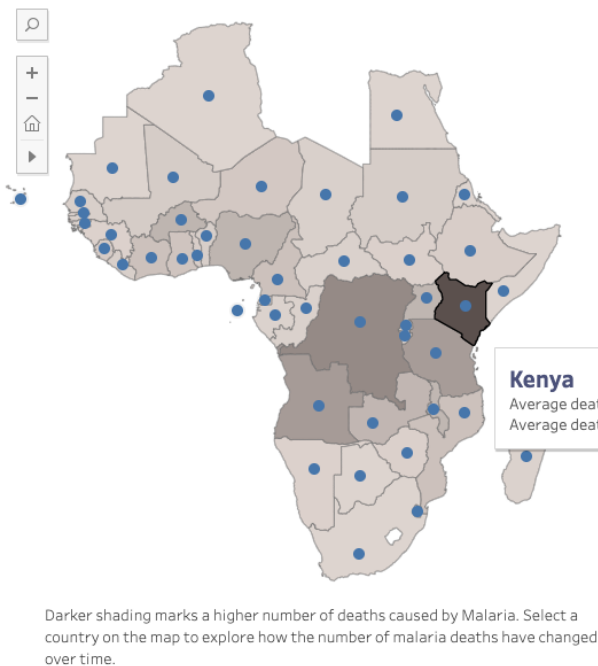
Project Report: Interpret a Data Visualization

Dashboard: Malaria in Africa

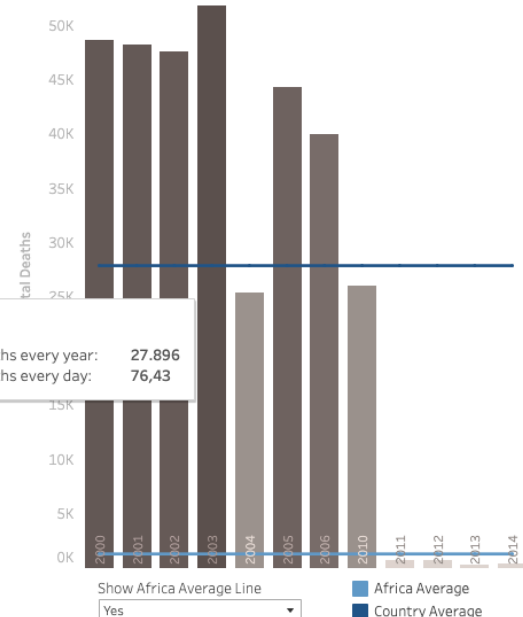
According to the map, top 5 countries which were hit hard from Malaria was Kenya, Democratic Republic of the Congo, Angola, United Republic of Tanzania and Burkina Faso. Especially, Kenya was leading among other countries in Africa with a considerable average number of deaths caused by Malaria nearly 28 000 deaths every year. Following by Democratic Republic of the Congo, moreover, the center of Africa seemed to be the main area where Malaria transmission occurred.

Kenya was the most affected country with the number of deaths remained approximately 50 000 deaths per year from 2000 to 2003. In 2004, the situation was more positive when the number of deaths in Kenya decreased by 50%, equivalent to 25 000. However, this number picked up again in the following year that nearly reached the previous peak in 2003. The disease was slow down after 2005 and finally prevented in 2011.

Which countries are most affected?



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



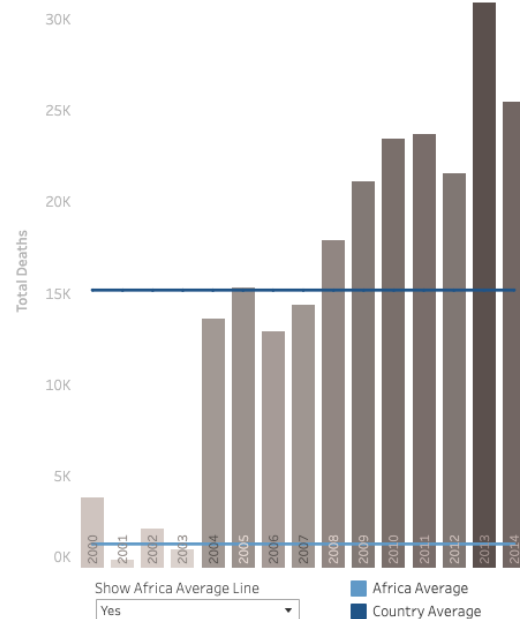
Ranking second in the list of the most affected countries by Malaria, only after Kenya, Democratic Republic of the Congo had a totally opposite trend in the number of deaths changing over time compared to Kenya. Even though these two countries are very close to one another, the timeline when the disease happened is different. Therefore, we can see the distribution of Malaria is very complex. The areas that are Malaria-free and Malaria-afflicted, can be close to each other. When Kenya completely fought the disease in 2011, the situation started in Democratic Republic of the Congo in 2009 and outbroke in 2013.

Which countries are most affected?



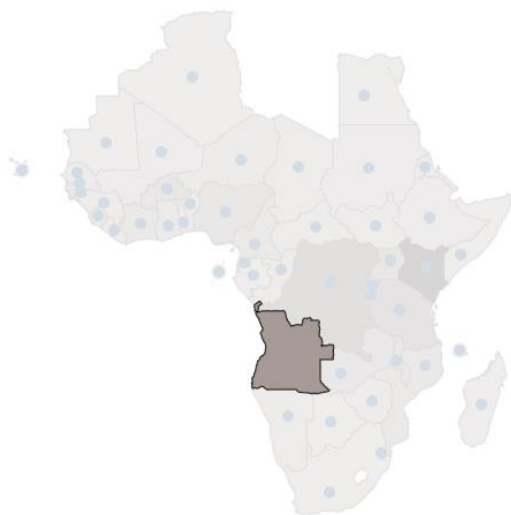
Darker shading marks a higher number of deaths caused by Malaria. Select a country on the map to explore how the number of malaria deaths have changed over time.

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



Last but not least, Angola had an interesting and surprising number of deaths changing over time. The country had an average number of deaths approximately 11 000 and it remained for every year from 2000 to 2014, except a peak in 2003. In 2003, the number of Malaria deaths had went through the roof with 38 000, more than 3 times the average.

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**?

