

Project 1 –Business Analytics Nanodegree

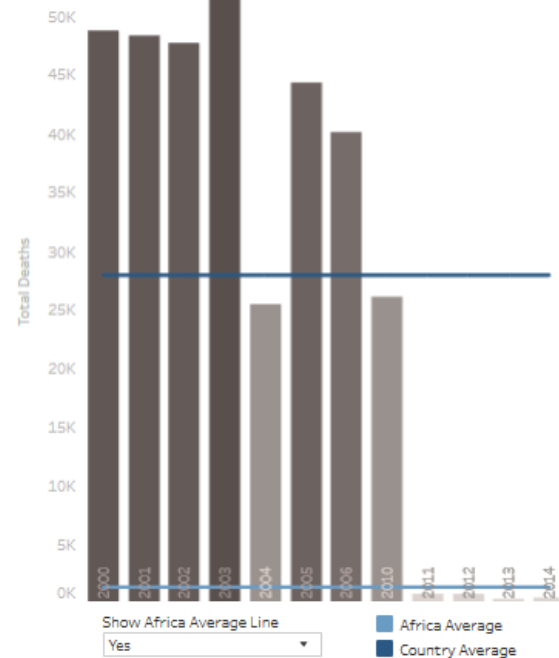
Insight 1

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.

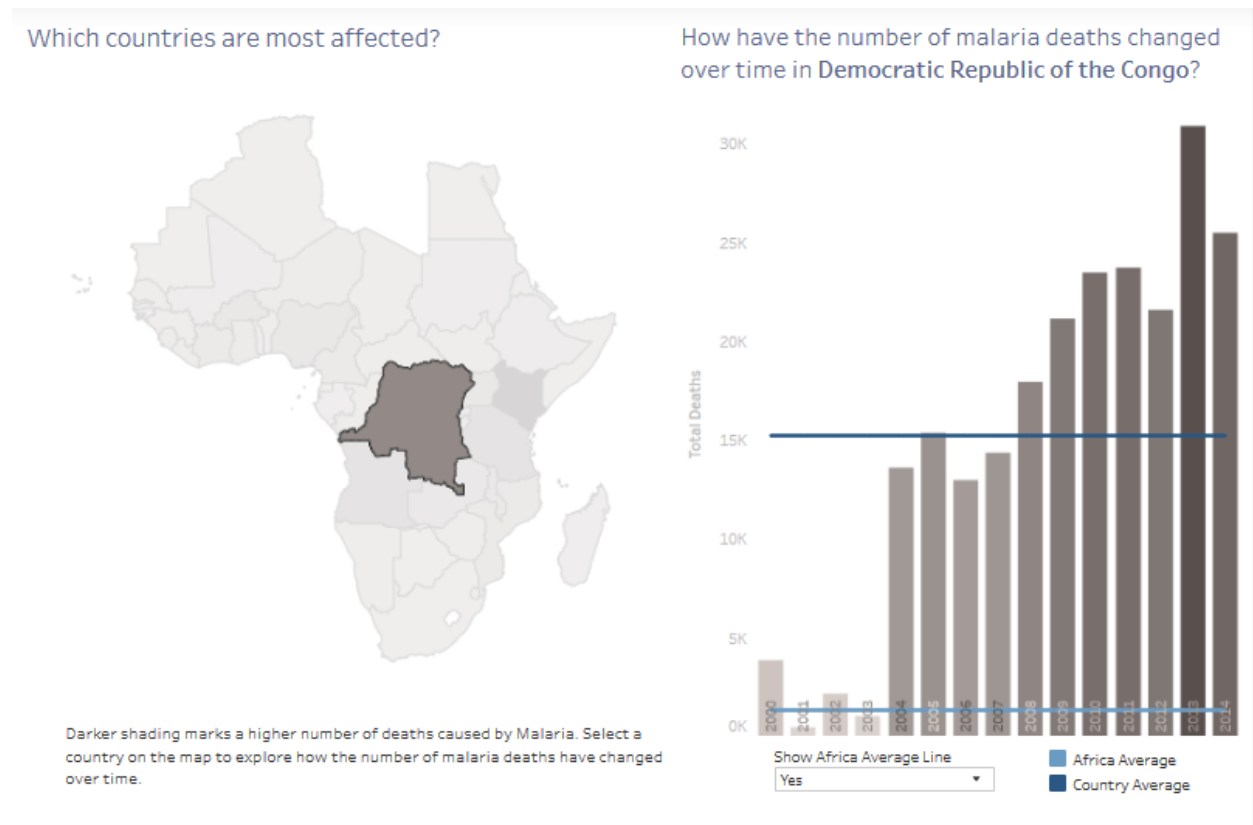
How have the number of malaria deaths changed over time in Kenya?



1. The number of deaths in Kenya had reduced to less than half in 2004 as compared to 2003(from around 52K to 25K).This conclusion was drawn by first selecting the country Kenya from the map and then analyzing the bar graph on the right for the years 2003 & 2004.
2. Thereafter from 2004 I could see a sudden rise in deaths for the following two year (i.e. 2005, 2006).This conclusion was drawn by comparing the bar graph of years 2004-2006 which is on the right side of the image.
3. From 2000 to 2010 the deaths in Kenya have been above the Africa's average of 1,303.This conclusion was drawn after analyzing the bar graph and hovering over the dark blue line on the bar graph chart. Hovering over the dark blue gave me the exact number.

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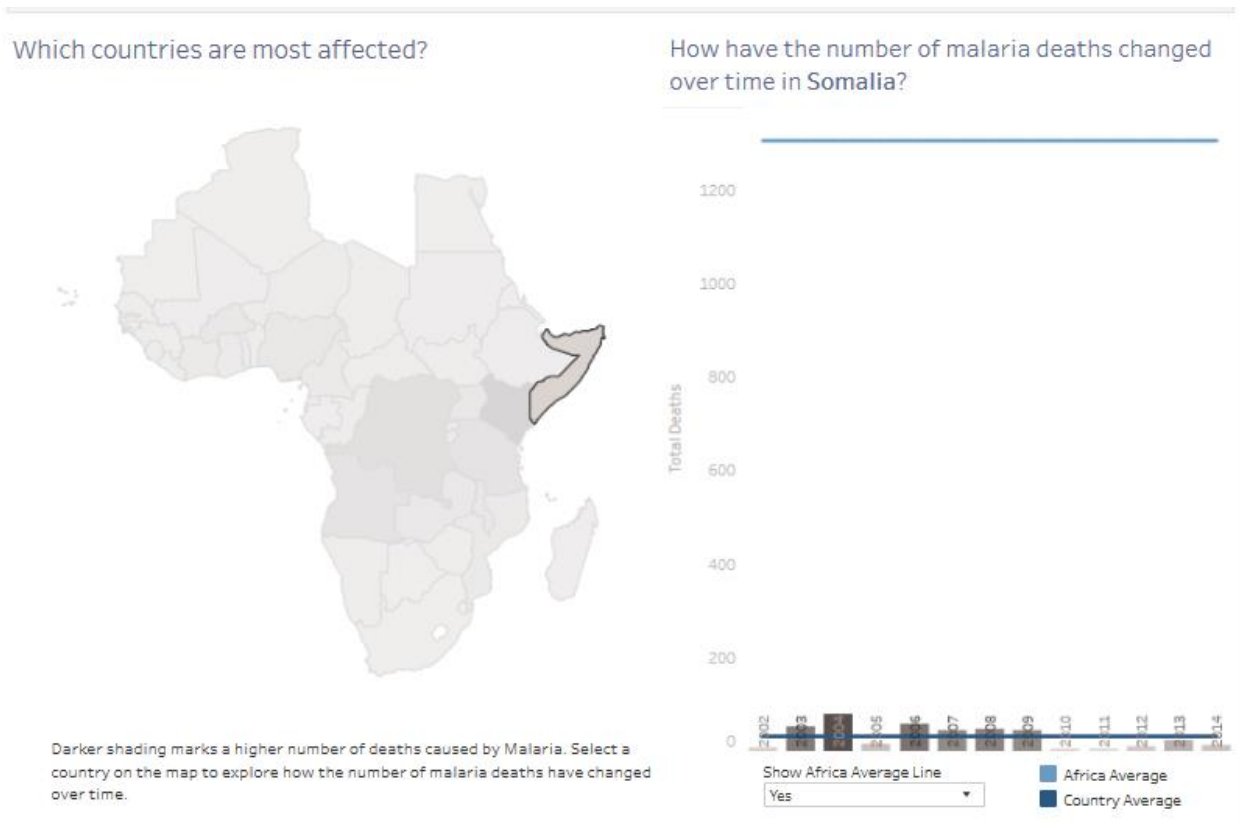
Insight 2



1. From the bar graph chart on the right I see that overall there has been steady increase in the number of deaths from 2000-2014. I observed decrease in deaths in some years (i.e.: 2001, 2003, 2006) as compared to their preceding years (i.e. 2000, 2002, 2005) respectively. These conclusion were drawn by selecting the Democratic Republic of Congo on the map on the left and by analyzing individual and overall bars of the bar graphs shown on the right side of the image.
2. Average deaths every year in the Democratic Republic of Congo is 15,203. This conclusion was reached by hovering over the region of Democratic Republic of Congo in the map.
3. Average deaths every day in the Democratic Republic of Congo is 41.23. This conclusion was reached by hovering over the region of Democratic Republic of Congo in the map.

Project 1 –Business Analytics Nanodegree

Insight 3



1. The number of malaria related deaths in Somalia have seen a steady decrease over the years from 2006 to 2014. From 2007 to 2009 the number of deaths in Somalia have been constant. These conclusion were drawn by first selecting Somalia from the map on the left and then analyzing the bar graph for the above mentioned trend.
2. The deaths in Somalia is way below Africa's average. This was derived by analyzing the bar graph in the right, as the blue line that represents Africa's average is at around 1400 and the highest deaths in Somalia is around 100 in 2004.
3. Average death every day in Somalia is 0.09. This conclusion was reached by hovering over the region of Democratic Republic of Congo in the map.