

UDACITY BUSINESS ANALYTICS NANODEGREE

PROJECT 1 – INTERPRET A DATA VISUALIZATION

Insight 1: Ghana

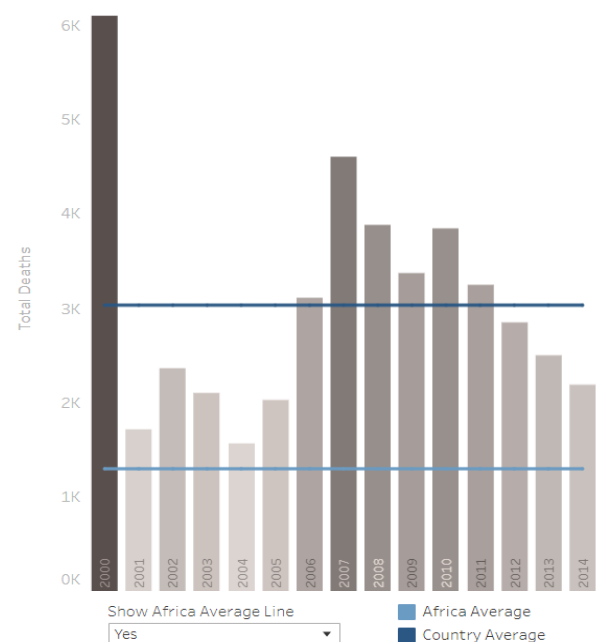
Deaths per year due to malaria in Ghana reached a third of their peak in 2014. I searched for Ghana from the search box on the dashboard and it opened the map of Ghana, which displayed the deaths due to malaria from 2000 – 2014. Deaths dropped, albeit inconsistently, from the highest levels in 2000 to about 1,700 in 2000, then went up to about 4,500 in 2007. They reduced to levels below the country average (3,041) from 2007 (4,500) to 2014 (about 2,000 deaths) as may be seen below.

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 Ghana?

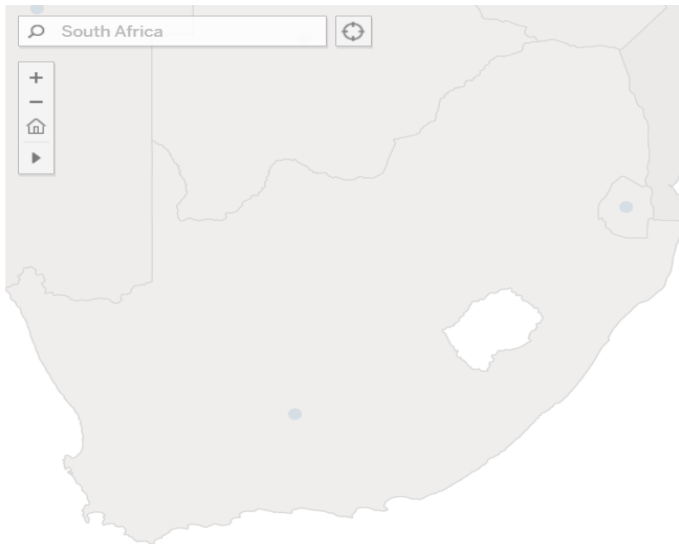


Insight 2: South Africa

After entering “South Africa” in the search box on the dashboard, the country map opened, showing data on deaths due to malaria in the country from 2000 to 2014.

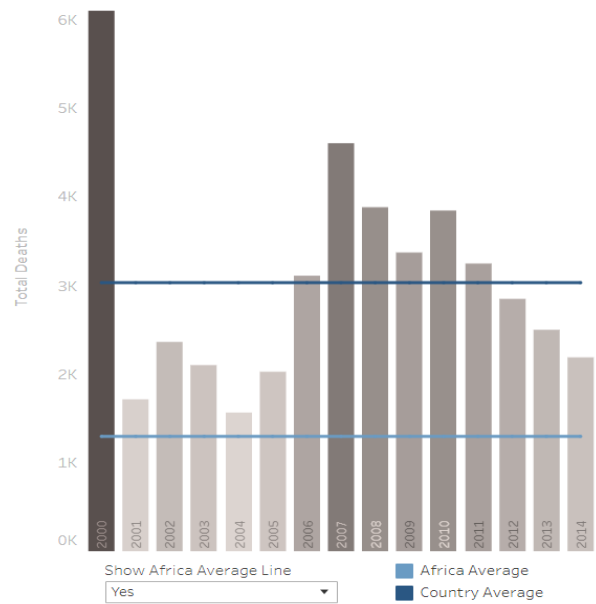
The data showed a steady decline in deaths due to malaria from 2010 (about 3,800) to 2014 (about 2,100). This was on the back of a huge decrease from 6,000 deaths in 2000 to about 2,000 in 2005, and some fluctuations between 2006 and 2010, all above the country average of 3041.

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 **Ghana**?



Insight 3: Sudan

Sudan's death per year due to Malaria declined since its highest in 2003. By clicking Sudan from the dashboard, the deaths from 2000-2004 were displayed. Deaths ranged between 2,000-2,300 before 2003, but hit about 2,400 in 2003 after which they declined to about 1,600 - 1700 in 2004-2005, then further below the average till 2011/2012 when it began another slow rise from 500 to 700 in 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 **Sudan**?

