UDACITY

Project 1 - Interpret a Data Visualization

Program: Nanodegree Data Foundations
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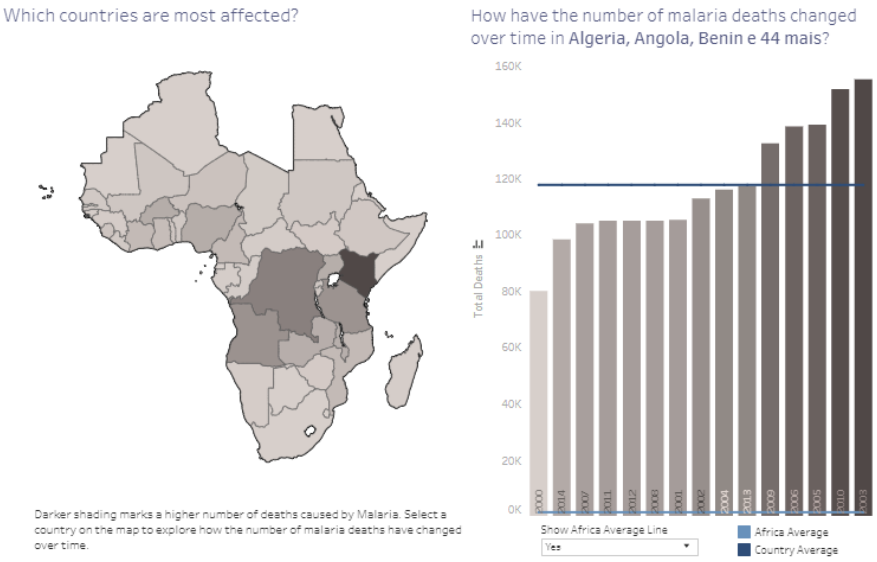
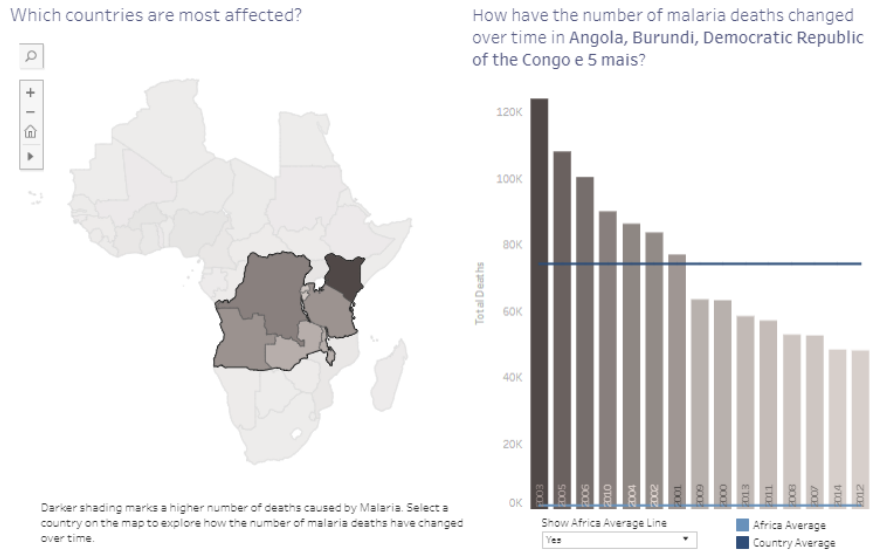
1º Insight – High death rate from malaria between 2003 and 2010 in the African continent



Insight explanation

There is a high death rate of malaria in the African continent in the years 2003 and 2010, 150k approximate deaths in the mentioned years. To obtain this information I made the selection of all the countries of the map and then clicked on the icon on axis y "Total Deaths" to order for the worst years.

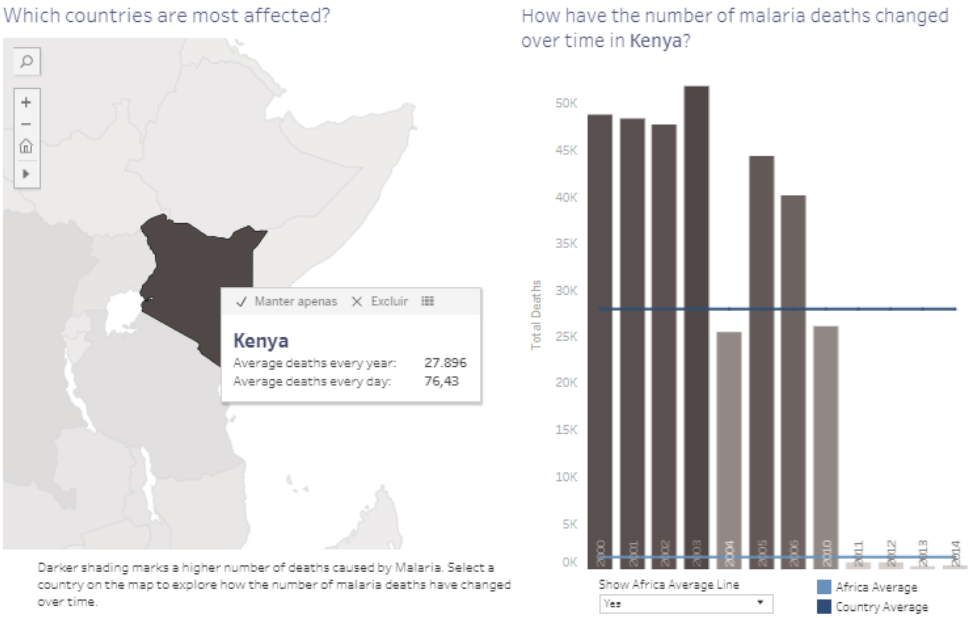
2º Insight – Of the 150k total malaria deaths in the African continent in 2003, 120k (80%) concentrated in countries near the equator.



Insight explanation

Of the approximately 150k of malaria deaths in 2003 on the African continent, 120k are deaths from countries that are concentrated in the equator, in other words 80% of malaria deaths are concentrated in the following countries: **Angola, Burundi, Democratic Republic of the Congo, Zambia, Malawi, Tazania and Kenya**. To obtain this information I selected on the map only the countries near the equator line and then I ordered the bar graph by the axis y "Total Deaths".

3º Insight – Kenya is the country with the highest rate of malaria deaths between the years 200 and 2010.



Insight explanation

Resumo | Dados completos

Mostrando as primeiras 15 linhas.
Baixar todas as linhas como um arquivo de texto
☑ Mostrar todas as colunas

Country	Country (group)	Year	Africa Average	Deaths	Deaths per day
Kenya	Algeria, Angola, Benin and 44 more	2000	1.303	48.767	133,608
Kenya	Algeria, Angola, Benin and 44 more	2001	1.303	48.286	132,290
Kenya	Algeria, Angola, Benin and 44 more	2002	1.303	47.697	130,677
Kenya	Algeria, Angola, Benin and 44 more	2003	1.303	51.842	142,033
Kenya	Algeria, Angola, Benin and 44 more	2004	1.303	25.403	69,597
Kenya	Algeria, Angola, Benin and 44 more	2005	1.303	44.328	121,447
Kenya	Algeria, Angola, Benin and 44 more	2006	1.303	40.079	109,805
Kenya	Algeria, Angola, Benin and 44 more	2007	1.303	Nulo	Nulo
Kenya	Algeria, Angola, Benin and 44 more	2008	1.303	Nulo	Nulo
Kenya	Algeria, Angola, Benin and 44 more	2009	1.303	Nulo	Nulo
Kenya	Algeria, Angola, Benin and 44 more	2010	1.303	26.017	71,279
Kenya	Algeria, Angola, Benin and 44 more	2011	1.303	713	1,953
Kenya	Algeria, Angola, Benin and 44 more	2012	1.303	785	2,151
Kenya	Algeria, Angola, Benin and 44 more	2013	1.303	360	0,986
Kenya	Algeria, Angola, Benin and 44 more	2014	1.303	472	1,293

Mostrando as primeiras 15 linhas.
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In 2003, the country recorded a high number of malaria deaths, about 50k, representing about 33% of deaths in the entire African continent in 2003.

It is also possible to evaluate the details of the country like as 76 deaths on average per day and the details of the total number of deaths per year.

To obtain this information I selected the country "Kenya" on Map and selected the icon ▦ to get the details of this country, after that select “Complete data” tab and check “Show all columns” option.