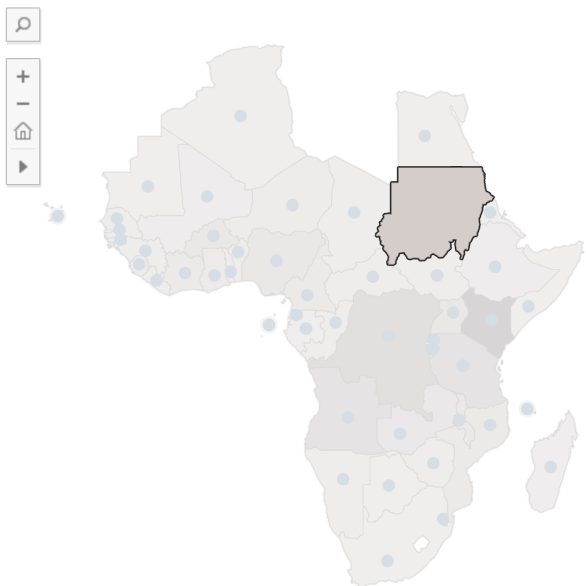


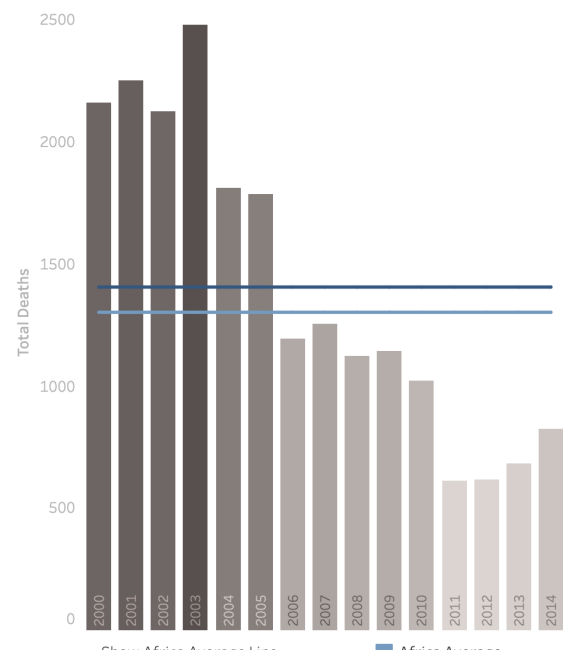
Project 1
Jack Sechler
June 22nd, 2021

1. Malaria deaths per year in Sudan began declining following the year 2003. The amount of deaths in 2006 is about half when compared to the deaths in the year 2003. The graph illustrates that nearly 2,500 Malaria deaths took place in 2003, and about 1,200 occurred in 2006. Malaria deaths continually trended downwards in Sudan until 2014, where a slight upward trend can be observed. From the home screen of the dashboard, I selected Sudan on the map, which brought up a bar graph illustrating the Malaria deaths that took place in Sudan during the time period of 2000-2014. The year with the most deaths was 2003, which topped out at an all time high of nearly 2,500 Malaria deaths in Sudan that year.

Which countries are most affected?



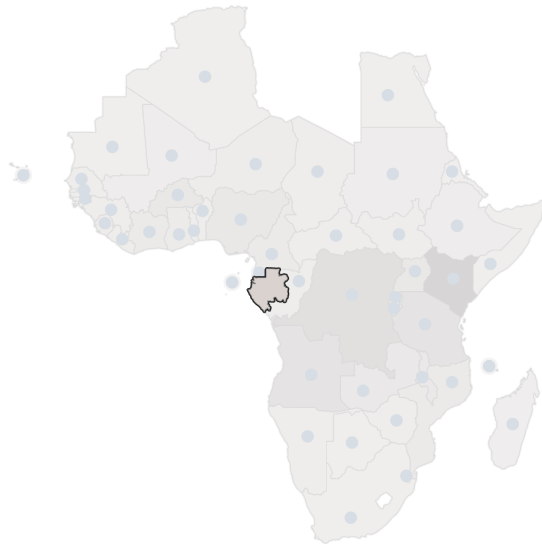
How have the number of malaria deaths changed over time in Sudan?



2. Malaria deaths per year in Gabon have decreased steadily since the all time high of 2,000 total deaths in the year 2000. I got here by clicking on Gabon's territory on the interactive map, and viewed the bar graph that illustrates this information. One can also clearly see that in 2000-2001, the amount of Malaria deaths in Gabon(1700-2000) was significantly higher than the Africa average line of 1,303 deaths. Following 2001, it subsided and has continued to fall lower beneath the Africa average line.

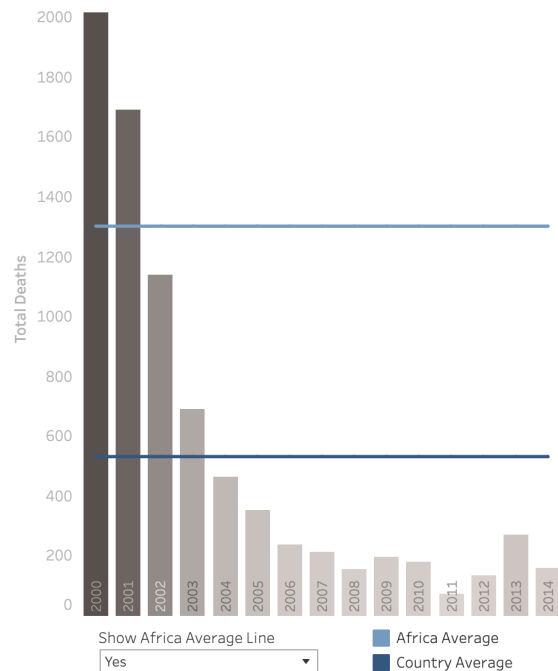
Malaria Deaths in Africa: 2000-2014

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 **Gabon**?



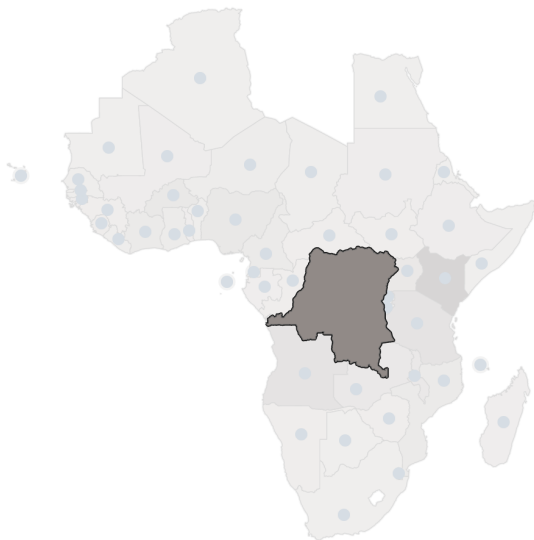
3. Malaria deaths in the Democratic Republic of the Congo have trended upwards since 2004, when annual Malaria deaths spiked from 3,000(in 2003) to nearly 14,000(in 2004) cases annually. After this point, there has been little to no recovery as the upward trend has only continued. From the dashboard, I selected the Democratic Republic of the Congo on the interactive map. This displayed a bar graph with details on specific numbers for Malaria deaths in this location during the period of 2000-2014. The average number of deaths between 2000-2003 was 1,853, and the average number of deaths between the following 4 year period (2004-2007) was 14,069. I calculated this by hovering over the total deaths sidebar, and then clicking on the list/table (3rd) option.

I then added the totals up for the years 2000-2003 (3856, 416, 2152, 989) and divided by 4 to get the average of 1,853 annual deaths. I calculated the average annual deaths in the following 4 year period by adding up the totals for 2004-2007 (13613, 15322, 12970, 14372) and divided the result by 4 to get the average of 14,069 annual deaths. One can see that this trend

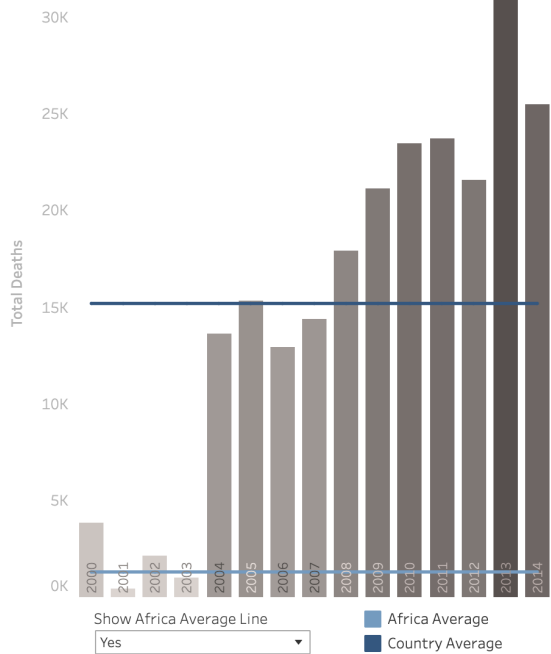
significantly picked up following the first 4 year increment.

Malaria Deaths in Africa: 2000-2014

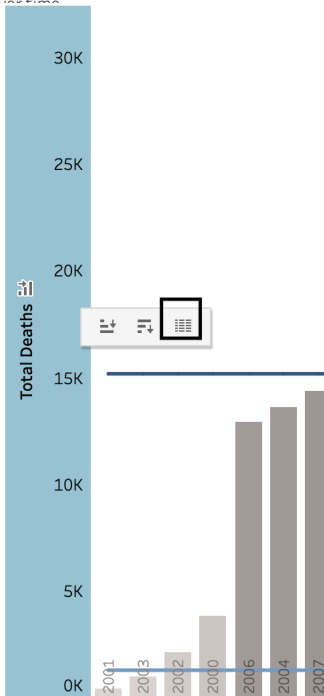
Which countries are most affected?



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



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.



Showing first 15 rows.

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Year	Country	Africa Average	Deaths	FLOAT(sum([Deaths]))
2000	Democratic Republic of the Congo	1,303	3,856	3,856.00
2001	Democratic Republic of the Congo	1,303	416	416.00
2002	Democratic Republic of the Congo	1,303	2,152	2,152.00
2003	Democratic Republic of the Congo	1,303	989	989.00
2004	Democratic Republic of the Congo	1,303	13,613	13,613.00
2005	Democratic Republic of the Congo	1,303	15,322	15,322.00
2006	Democratic Republic of the Congo	1,303	12,970	12,970.00
2007	Democratic Republic of the Congo	1,303	14,372	14,372.00
2008	Democratic Republic of the Congo	1,303	17,940	17,940.00
2009	Democratic Republic of the Congo	1,303	21,168	21,168.00
2010	Democratic Republic of the Congo	1,303	23,476	23,476.00
2011	Democratic Republic of the Congo	1,303	23,748	23,748.00
2012	Democratic Republic of the Congo	1,303	21,601	21,601.00
2013	Democratic Republic of the Congo	1,303	30,918	30,918.00
2014	Democratic Republic of the Congo	1,303	25,502	25,502.00

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