

WORLD MALARIA CASES

2010 - 2017

552M
Total Reported Cases

913K
Total Reported Deaths

1.8bn
Median Estimated Cases

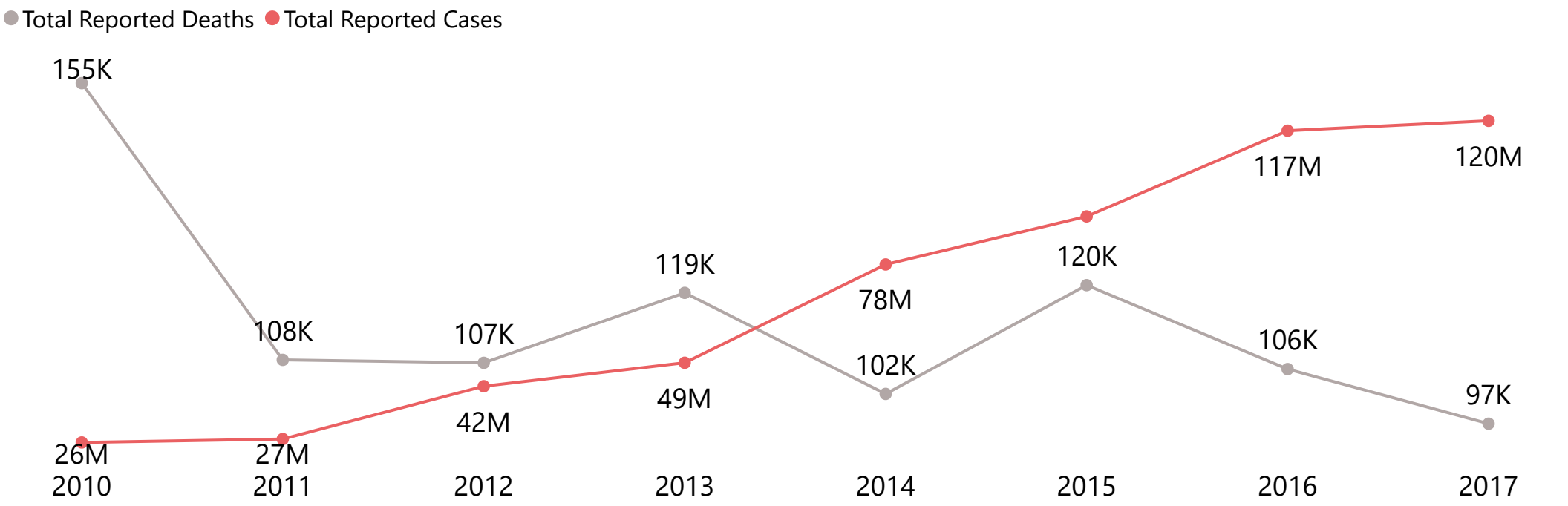
4.0M
Median Estimated Death

0.23%
Estimated Mortality Rate

Malaria is an acute febrile illness caused by **Plasmodium** parasites, which are spread to people through the bites of infected female **Anopheles mosquitoes**. In **2020**, nearly **half** of the world's population was at risk of malaria. Some population groups are at **higher risk** of contracting malaria and developing severe disease: infants, children under 5 years, pregnant women and patients with HIV/AIDS, as well as people with low immunity moving to areas with intense malaria transmission such as migrant workers, and travelers.

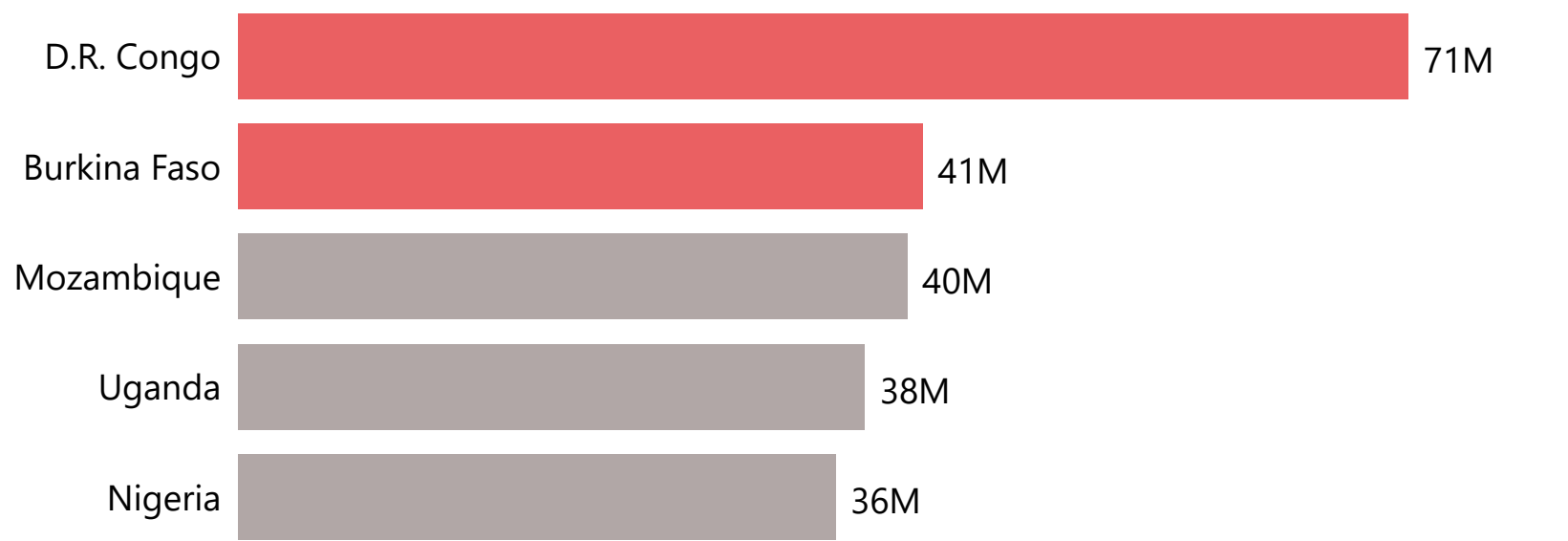
From **2010** to **2017**, there was a gradual **increase** in malaria cases with an estimated **1.8 billion** cases of malaria and about **4 million** deaths from **107** countries reporting indigenous cases of malaria. The year **2017** accounted for the most cases with **120 million** reported cases of malaria as compared to **2010** with **26 million** cases. However, there was a staggering **63% decrease** in malaria deaths from **2010** to **2017**. The decrease in deaths can be attributed to increased quality of case management (diagnosis and treatment), increased use of insecticide treated mosquito nets, increased intermittent preventive treatment in pregnancy, and intermittent residual spraying.

Reported Cases and Death by Year



The Democratic Republic of the Congo accounts for the **highest** reported cases of malaria with **71 million** cases. **16 countries**, all in **Sub-Saharan Africa** accounted for **80%** of all reported cases of malaria. The **top 5** countries alone accounting for about **50%** of these cases. Most of the malaria cases were in the W.H.O African region accounting for **89%** of estimated cases of malaria, followed by W.H.O South-east Asia region(**7.45%**) and Eastern Mediterranean(**1.93%**).

Top 5 Countries with the Highest Reported Cases



Countries with the Highest Incidence/1000 population at risk



Mortality Rate of Countries with the Highest Estimated Cases



Burkina Faso had the **Highest Incidence** with an average of **468** cases of malaria per **1000** population at risk. This is followed closely by Sierra Leone with an average of **420** cases per 1000 population at risk. Among the top 5 countries with the highest estimated cases of malaria, the Democratic Republic of the Congo had the **highest** estimated **mortality** rate with **21 deaths** in every **10,000** cases of malaria. This was followed by Nigeria with **20** deaths in every **10,000** cases, majority of these deaths being **children** under the age of **5** years.