



State of the World

CHILDREN EDITION

Hannah Esslinger | Data Science
Final Project Presentation

WHY DID I CHOOSE THIS TOPIC TO DO MY PROJECT ON?



This is John.

WHAT DATA AM I USING?



Child Mortality Rate (0-5 years)

Under-five mortality rate refers to the probability of a child dying between birth and exactly 5 years of age, expressed per 1,000 live births.

https://www.dropbox.com/s/p86pe4y9fb4b1rb/Deaths-under-five_2021.xlsx?dl=0

The State of the World's Children 2021 Statistical Tables

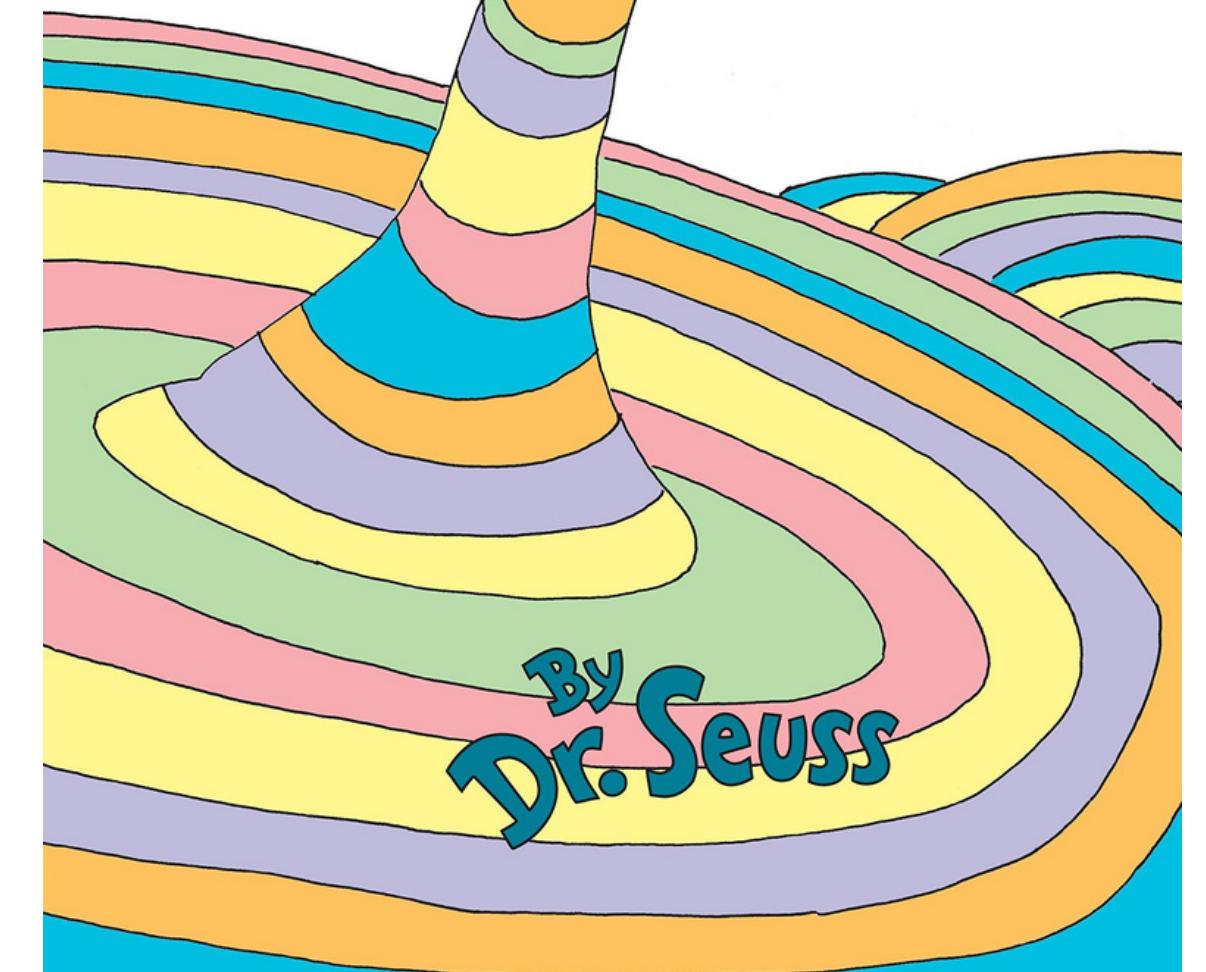
Shows us statistics on child mortality, child health, early childhood development, education, and poverty levels across the globe.

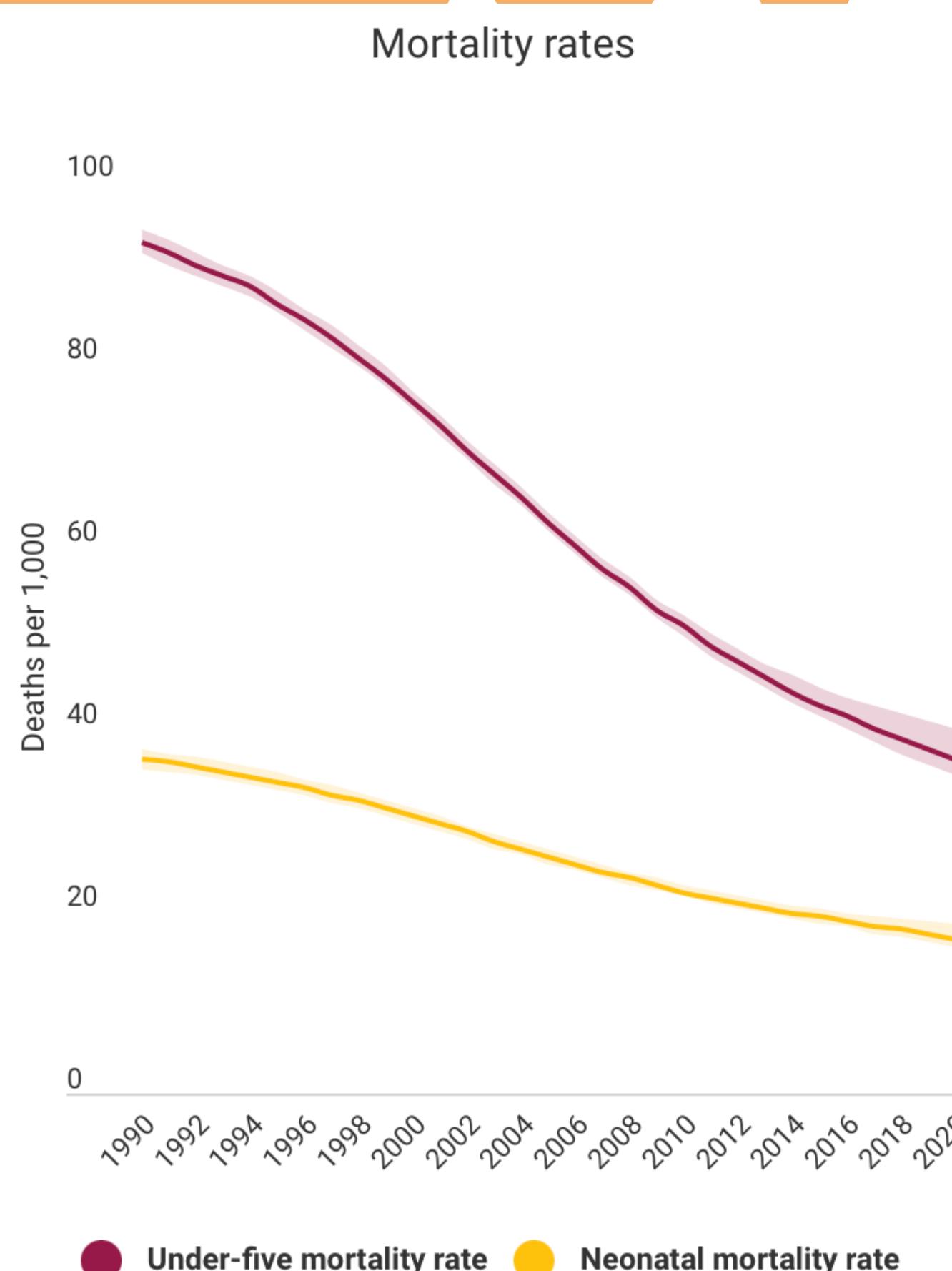
<https://www.dropbox.com/s/07w1ztystmrn9zq/SOWC-Statistical-tables-ALL-2021-EN.xlsx?dl=0>





LET'S GO BACK TO 1990





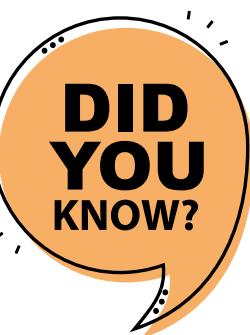
LET'S GO BACK TO 1990

DID
YOU
KNOW?

In 1990, 1 in 11 children died before reaching the age of 5.

Around the world children were dying at an alarmingly high rate. Neonatal deaths were also seeing very high numbers during this time as well.

MOVING FORWARD TO 2020



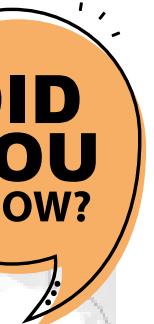
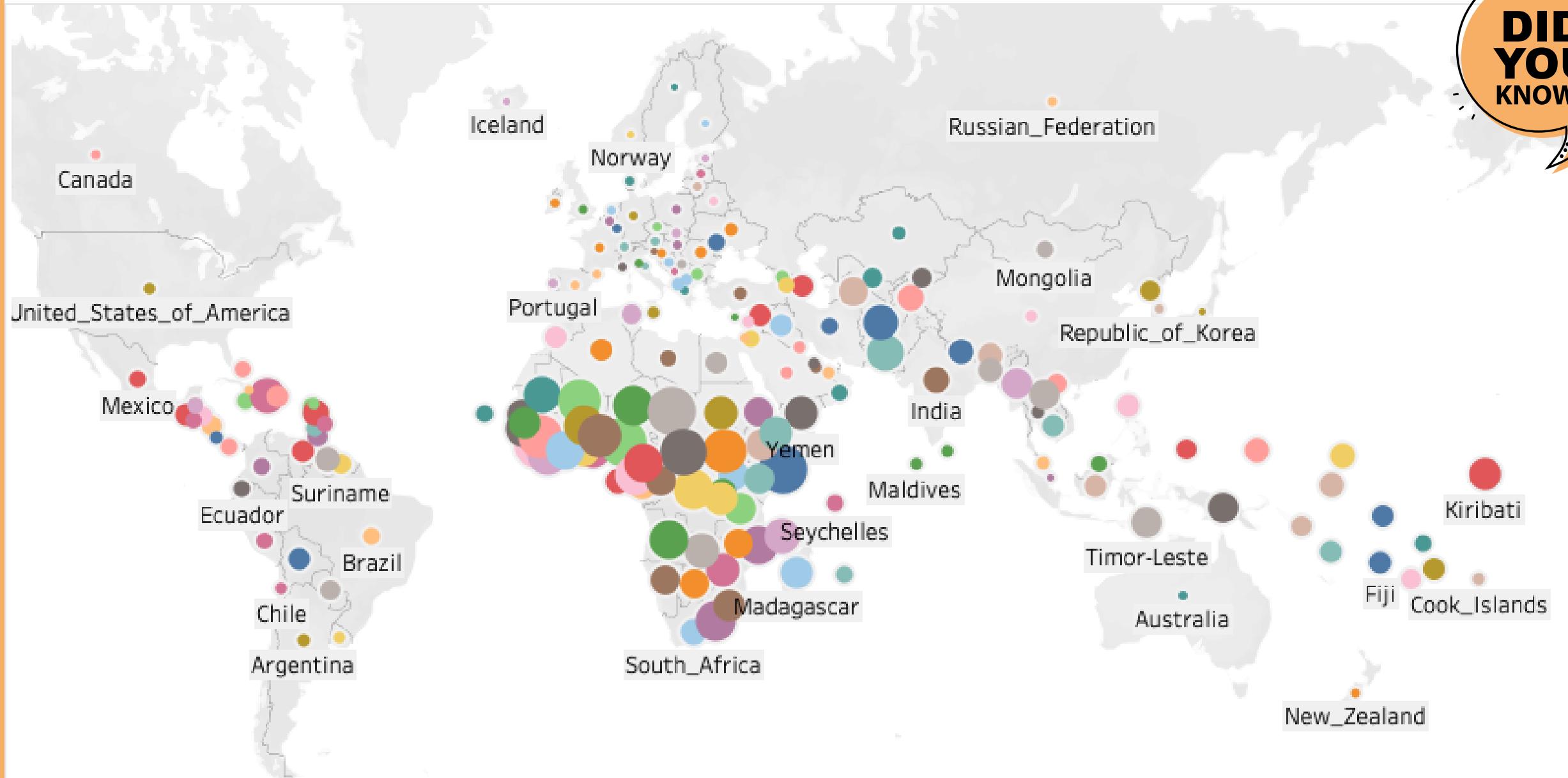
In 2020, 1 in 27 children died before reaching the age of 5.

Progress in reducing child mortality rates has been accelerated in the 2000s period compared with the 1990s, with the annual rate of reduction in the global under-five mortality rate increasing from 1.9% in the 1990's to 3.6% in the 2000s.



Although the number of deaths have been decreasing, still 5 million children worldwide under 5 years of age died. This translates to approx. 13,800 children under the age of 5 dying every day in 2020.

<Child Mortality Per Country in 2019>



Sub-Saharan Africa is experiencing the fastest population growth in the world – at 13.9% its population is expected to grow more than twice as fast as emerging and developing countries

Sub-Saharan Africa continues to be the region with the highest under-five mortality rate in the world – 74 deaths per 1,000 live births.

**WHERE IS THE MOST
HELP NEEDED?**

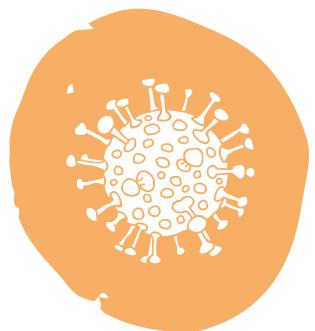
WHAT ARE SOME OF THE MAIN CAUSES OF CHILD MORTALITY?



Poverty



Malnourishment



Infectious Diseases



Birth Related Illnesses



TOP 5 COUNTRIES THAT NEED OUR HELP

1

Nigeria

2

Somalia

3

Chad

4

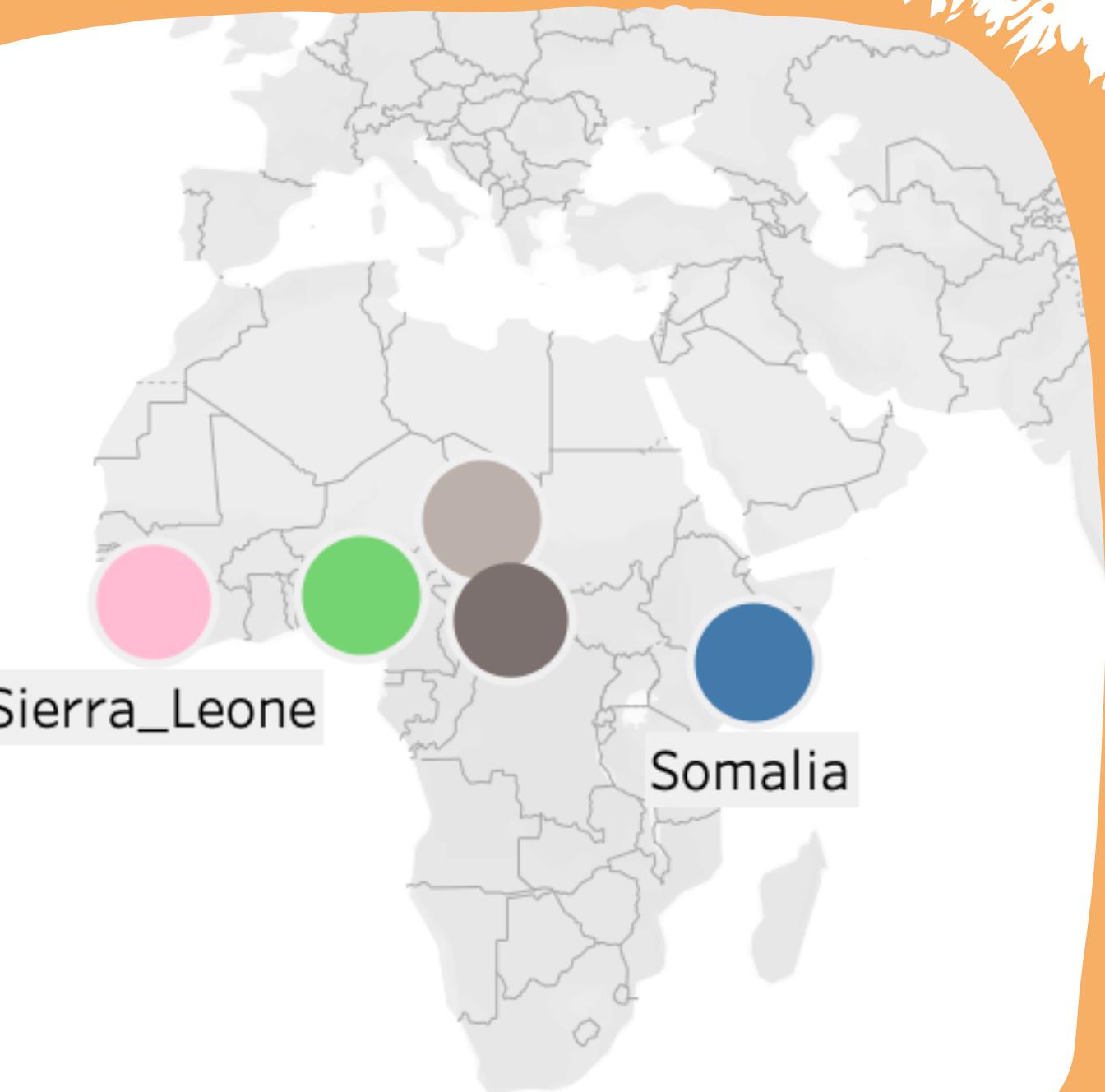
Central Africian
Republic

5

Sierra Leone

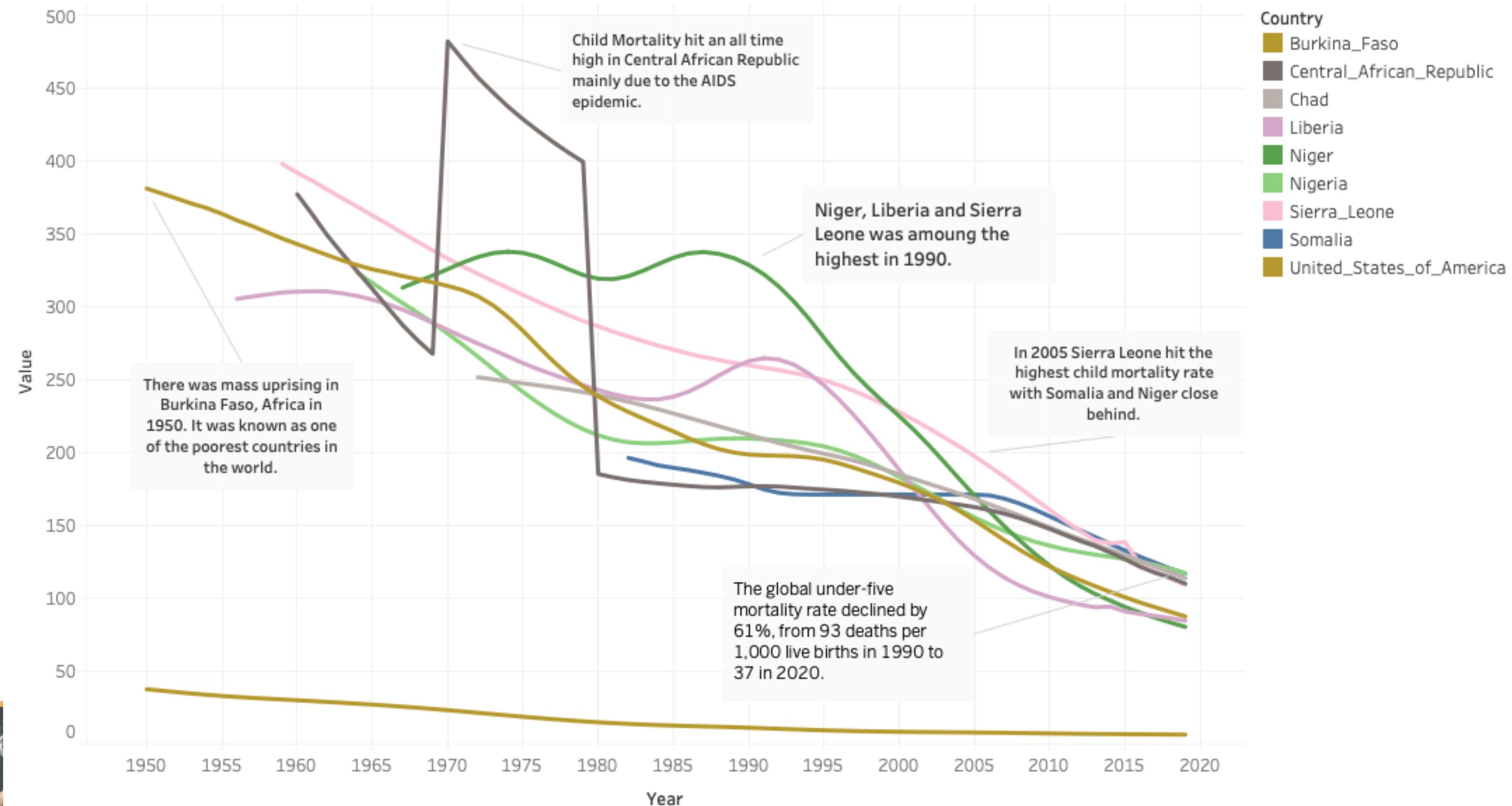
Sierra_Leone

Somalia



TIMELINE OVER THE YEARS

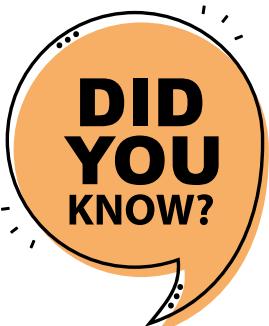
Child Mortality Rates In Top Five Countries Over Time



The trend of sum of Value for Year. Color shows details about Country. The data is filtered on Metric, which keeps Median. The view is filtered on sum of Value and Country. The sum of Value filter ranges from 1.7 to 676.8. The Country filter keeps 9 members.



HOW COULD COVID 19 EFFECT THESE COUNTRIES?



On March 11, 2020, the WHO declared COVID-19 a global pandemic, its first such designation since declaring H1N1 influenza a pandemic in 2009.



“

“Each one of us can make a difference. Together we make change.” - Barbara Mikulski

WHAT CAN WE DO TO BE APART OF THE CHANGE?



Sponsor a Child



Humanitarian Aid



Spread Awareness

PRACTICAL WAYS TO HELP



**Compassion
International**



USAID



**Bread and Life
for Africa**

CONCLUSION

DID
YOU
KNOW?

Nearly 90 countries reduced their under-five mortality rates by at least two-thirds from 1990 levels.

If we could send aid to any part of the country it would definitely be the **Sub-Saharan African** region.





Questions?

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