**State of the World**

**Under Five Mortality Rate**

*Child Survival*

The question I am trying to answer from the data is where is the most help needed around the world and are there any trends that we can find over time to explain why?

**Datasets:**

[**https://www.dropbox.com/s/p86pe4y9fb4b1rb/Deaths-under-five\_2021.xlsx?dl=0**](https://www.dropbox.com/s/p86pe4y9fb4b1rb/Deaths-under-five_2021.xlsx?dl=0)

[**https://www.dropbox.com/s/07w1ztystmrn9zq/SOWC-Statistical-tables-ALL-2021-EN.xlsx?dl=0**](https://www.dropbox.com/s/07w1ztystmrn9zq/SOWC-Statistical-tables-ALL-2021-EN.xlsx?dl=0)

**Slide 1:**

Title: State of the World Children Edition

**Slide 2:**

Title: Why did I choose this topic to do my project on?

This is John. He is a 7-year-old boy from Rwanda, East Africa. I recently sponsored him through compassion international after over 6 years of waiting for a sponsor. I was heartbroken to see the amount of time John waited for someone to notice his need and begin to help him. This began a journey for me researching children's need throughout the world. It got me thinking where is the most help needed for children around the world. Where is the most humanitarian work needed throughout the world?

**Slide 3:**

Title: 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.

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.

Info from data.unicef.org

**Slide 4:**

Title: Let’s go back to 1990

Think back to what was happening in the world in 1990: Home Alone had just come out in theatres, Dr. Seuss' "Oh, the Places You'll Go!" was the number one fiction book, and Cheers was the most popular show on television.

**Slide 5:**

Title: Let’s go back to 1990

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.

**Slide 6:**

Title: 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 has 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.

**Slide 7:**

Title: Where is the most help needed?

*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.

**Slide 8:**

Title: What are some of the main causes of child mortality?

1. Poverty - Despite strong advances in fighting childhood illnesses, infectious diseases, which disproportionately affect children in poorer settings, remain highly prevalent, particularly in sub-Saharan Africa.

2. Malnourishment - Malnourished children, particularly those suffering from severe acute malnutrition, are at a higher risk of death from these common childhood illnesses.

3. Infectious Diseases - Globally, infectious diseases, including pneumonia, diarrhea, and malaria, remain a leading cause of under-five deaths

4. Birth Related Illnesses - Preterm birth and intrapartum-related complications are also a big cause of mortality in children.

**Slide 9:**

Title: Top 5 Countries that need our help

1. Nigeria

2. Somalia

3. Chad

4. Central African Republic

5. Sierra Leone

**Slide 10:**

Title: Timeline over the years

1950: Although there is not much data for this time period the country with the highest mortality rate at this time was Burkina Faso, West Africa.

1970: Child Mortality hit an all-time high in 1970 with the highest happening in Central African Republic.

1990: Niger, Liberia and Sierra Leone were among the highest in 1990.

2019: The global under-five mortality rate declined by 61%, from 93 deaths per 1,000 live births in 1990 to 37 in 2020.

2005: In 2005 Sierra Leone hit the highest child mortality rate with Somalia and Niger close behind.

**Slide 11:**

Title: 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.

The data that I am using stops in early 2020, before the Covid-19 Virus was declared a global pandemic. We do now know that this pandemic has affected largely adults but what the effects will be on children long term is still unknown. I do believe that based on the data we have from this project that the countries that are experiencing child mortality the highest will need even more help due to the pandemic.

**Slide 12:**

Title: What can we do to be a part of the change?

"Each one of us can make a difference. Together we make change." - [Barbara Mikulski](https://www.brainyquote.com/authors/barbara-mikulski-quotes)

1. Sponsor a child - Sponsoring a child is the most personal, effective way to fight poverty. When you sponsor a child in need, you build a special relationship that encourages your child with hope for the future.

2. Humanitarian Aid - This is important because it provides life-saving assistance to people affected by conflicts, disasters, and poverty. A total of 274 million people worldwide will need emergency aid and protection in 2022, a 17 per cent increase compared to 2021.

3. Spread Awareness - It is so important to continue looking at new data and spreading awareness on how we can continue to help decrease the child mortality rate among the world.

**Slide 13:**

Title: Practical Ways to Help

If you are like me all this information can be very daunting. I want to be a part of the change, but it seems like something too big to help. These are a few practical ways that we can be a part of change.

1. Compassion International - You can sponsor a child just like I did with John. Through organizations like Compassion International they work to blend physical, social, economic, and spiritual care together…in Jesus' name.

2. Bread and Life for Africa - You can donate to organizations like Bread and Water for Africa® who works with organizations to promote self-sufficiency and improvements in health, education, agricultural practices and sustainable energy in Sub Saharan Africa and the surrounding cities.

3. USAID - You can also join movements like USAID who demonstrates America’s good will around the world and are directly helping the Sub Saharan African region.

**Slide 14:**

Title: Conclusion

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

This final project has taught me so much about what is truly happening around the world and how we can be a part of the change to improve things.

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

Due to the global pandemic, we would need to collect more information on how the state of the world is now for children to make a proper assessment on who needs the most help. My hope is that are time continues there are more and more ways to help those in need and stop child mortality for good.

**Slide 14:**

Title: Questions?