

Under 5 Mortality Rates Across Regions

group-c

INTRODUCTION

Research Question:

How does the under 5 mortality rate change across world regions?

Description:

We wanted to explore the correlation of mortality rates and regions, focusing on children under 5. We hoped to identify areas with greater disparities to highlight regions that may require additional resources.

Hypotheses:

- Null Hypothesis: There is no significant difference in the rate of change in under five mortality rates over time across regions.
- Alternative Hypothesis: There is a significant difference in the rate of change in under five mortality rates over time across regions.



OUR DATA:

Guidance > Publications >

The State of the World's Children 2025 Statistical Compendium

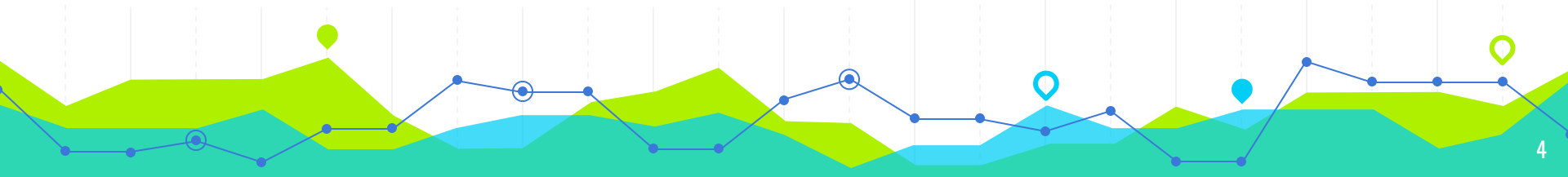
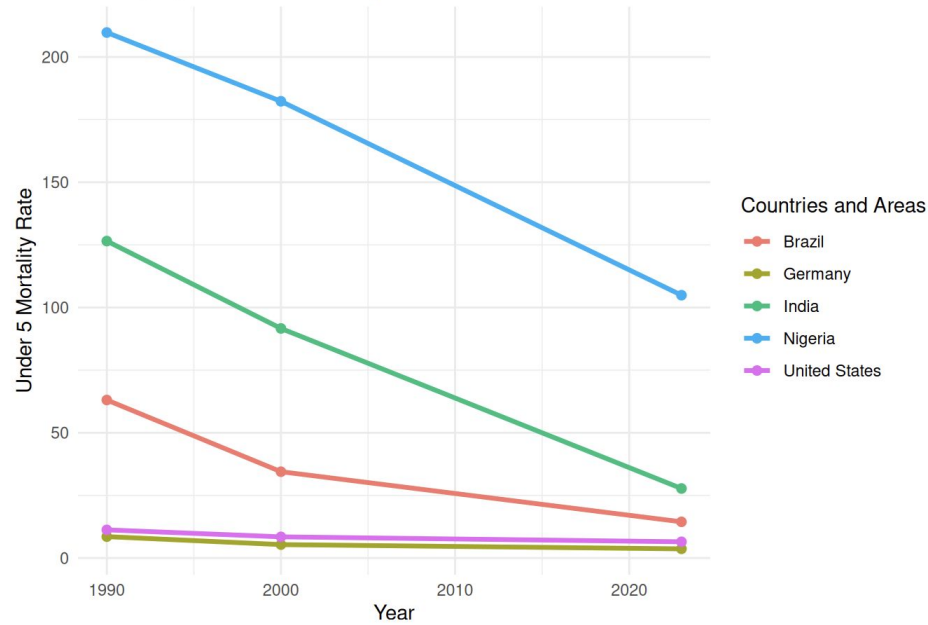
Ending Child Poverty: Our shared imperative – Statistical Compendium and Data Tables

November 19, 2025



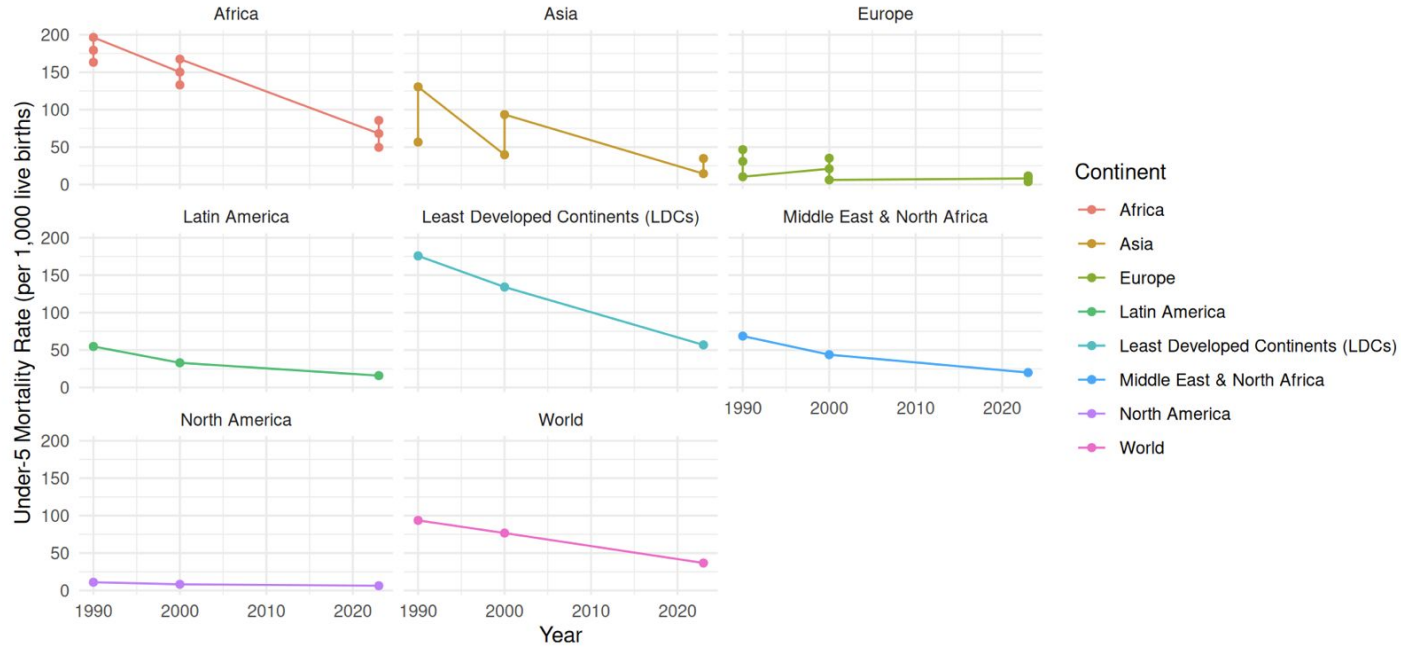
HIGHLIGHTS FROM EDA

Changing Under 5 Mortality Rate Across Time



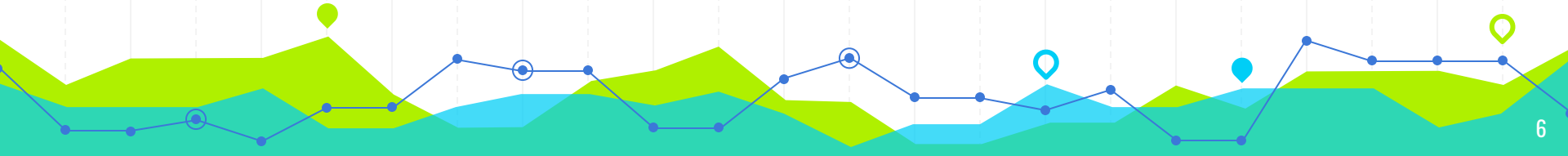
HIGHLIGHTS FROM EDA

Under-5 Mortality Rate Over Time by Continent



CONCLUSION:

- Overall, the data demonstrate significant global progress in reducing under-five mortality rates from 1990 to 2020, with the most substantial improvements occurring in developing regions.
- However, persistent disparities between countries and continents highlight that levels of child survival remain closely tied to differences in development.



THANKS!

