COVID-19 Data Analysis Report

Analysis Date: May 13, 2025

Data Updated: December 10, 2023

Countries Included:

- Kenya
- India
- United States
- Rwanda

- Brazil
- Germany
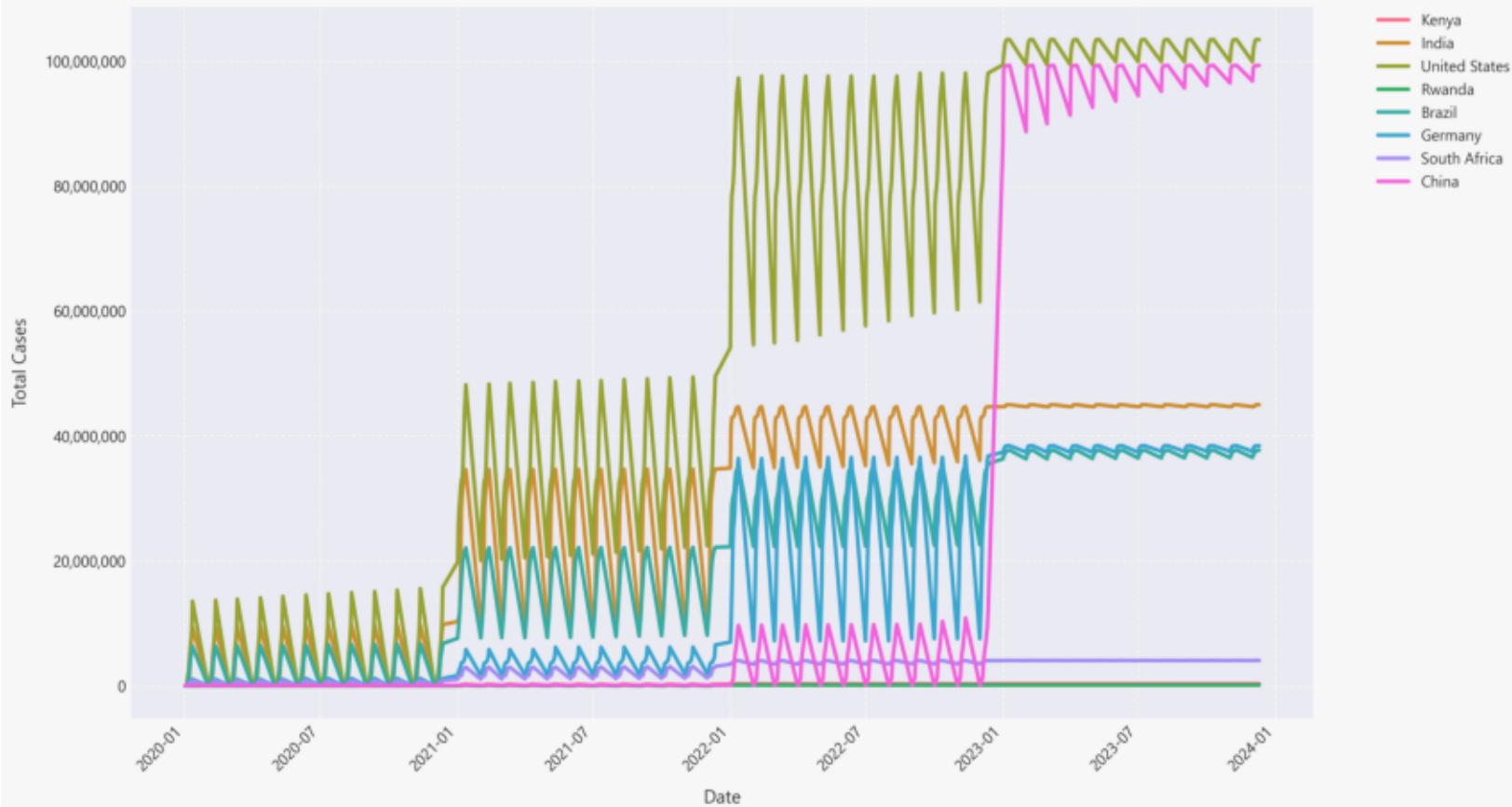- South Africa
- China

Summary Statistics

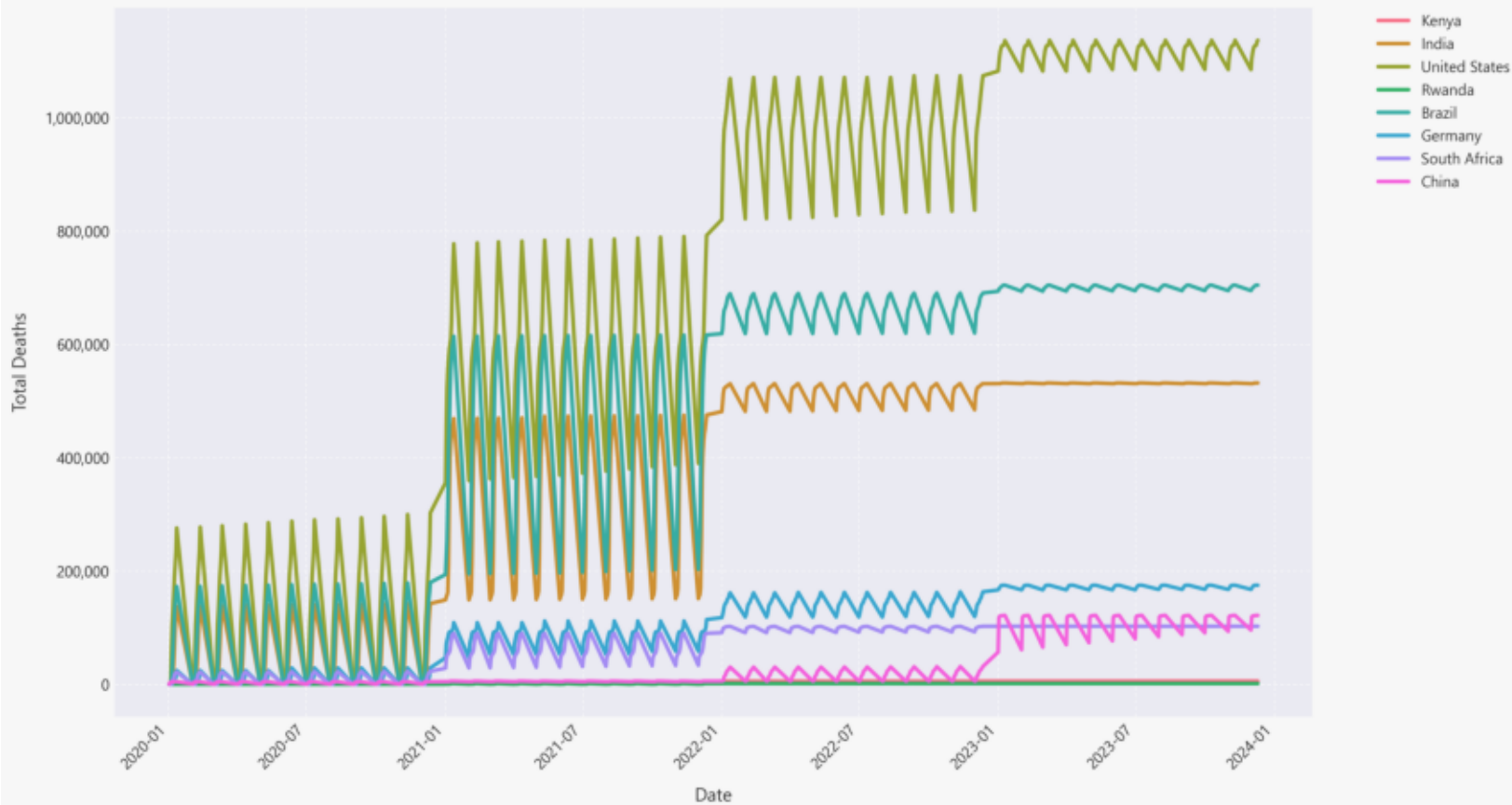|	Total Cases	Total Deaths	Total Vaccinations
Brazil	37,721,749	704,659	0
China	99,315,297	121,742	0
Germany	38,437,756	174,979	0
India	44,999,473	532,035	2,206,745,599
Kenya	343,999	5,689	0
Rwanda	133,194	1,468	0
South Africa	4,072,533	102,595	0
United States	103,436,829	1,136,920	0

Key Metrics as of December 10, 2023

Key Insights

1. The United States consistently shows the highest total cases and vaccination numbers

2. Developing nations like Kenya and Rwanda show slower vaccination rollouts

3. Brazil and India experienced significant waves of infections at different times

4. Death rates vary significantly between countries, suggesting differences in healthcare capacity

5. Vaccination rates in developed nations (US, Germany) outpace developing nations

6. Case trajectories show different pandemic waves across countries

7. Vaccination campaigns began at different times with varying effectiveness

8. Some countries show better case-to-death ratios indicating healthcare system strength
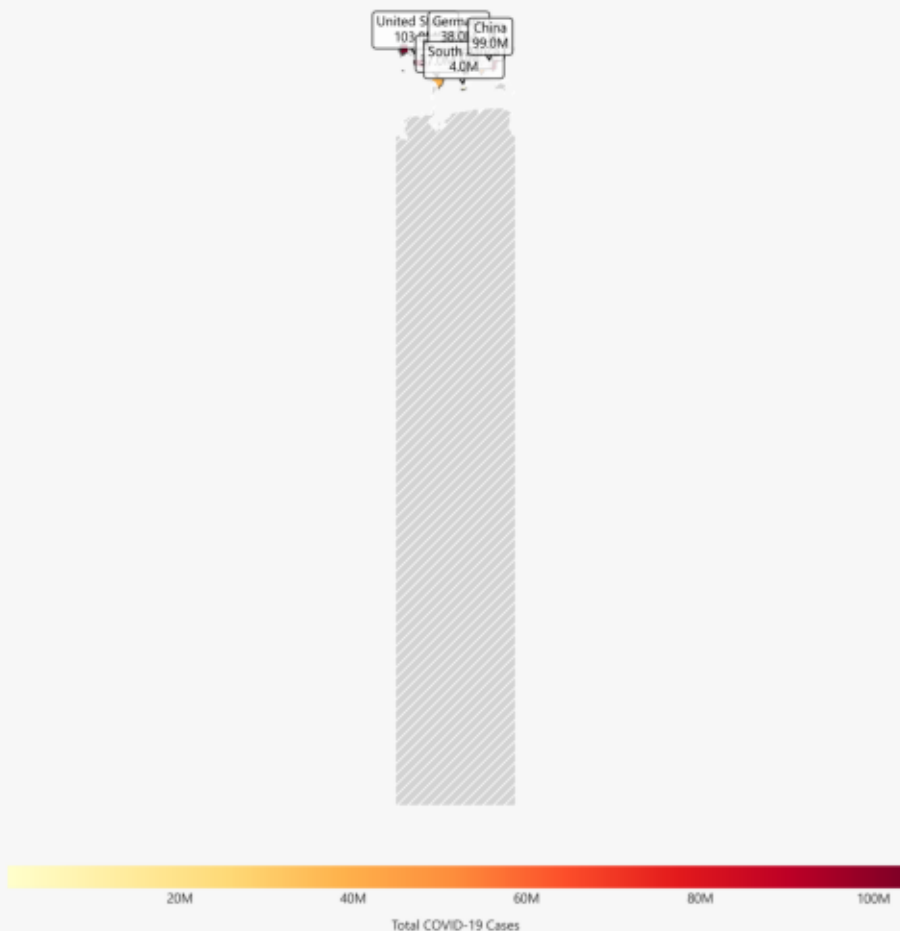
Total COVID-19 Cases Over Time

Total COVID-19 Deaths Over Time

Legend: Kenya, India, United States, Rwanda, Brazil, Germany, South Africa, China

X-axis: Date (2020-01 to 2024-01)
Y-axis: Total Deaths (0 to 1,000,000+)

🌐 Global COVID-19 Cases Distribution

United St... | Germa... | China
103... | 38.0... | 99.0M
South...
4.0M

Total COVID-19 Cases

20M   40M   60M   80M   100M

Data Sources

Primary Data Source: Our World in Data COVID-19 Dataset

Geographic Data: Natural Earth

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