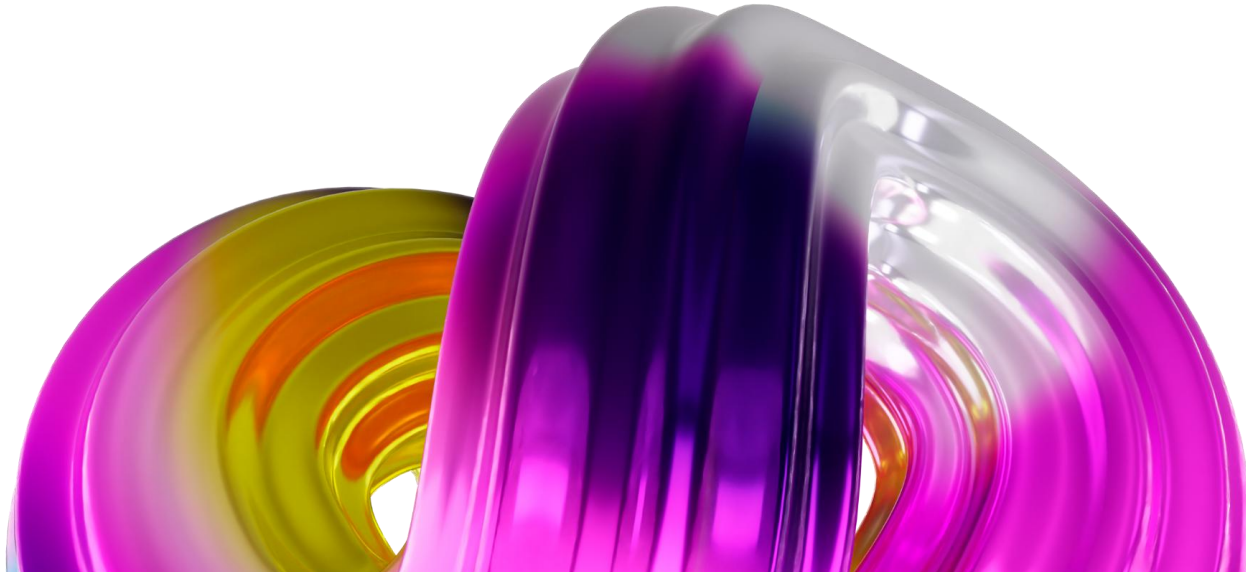# Global Disease Outbreak Analysis

Analyzed WHO data using Excel Pivot Tables, Charts & Trendlines

Introduction

This presentation will provide an in-depth analysis of the medical data, showcasing key findings, insights, and visual representations.
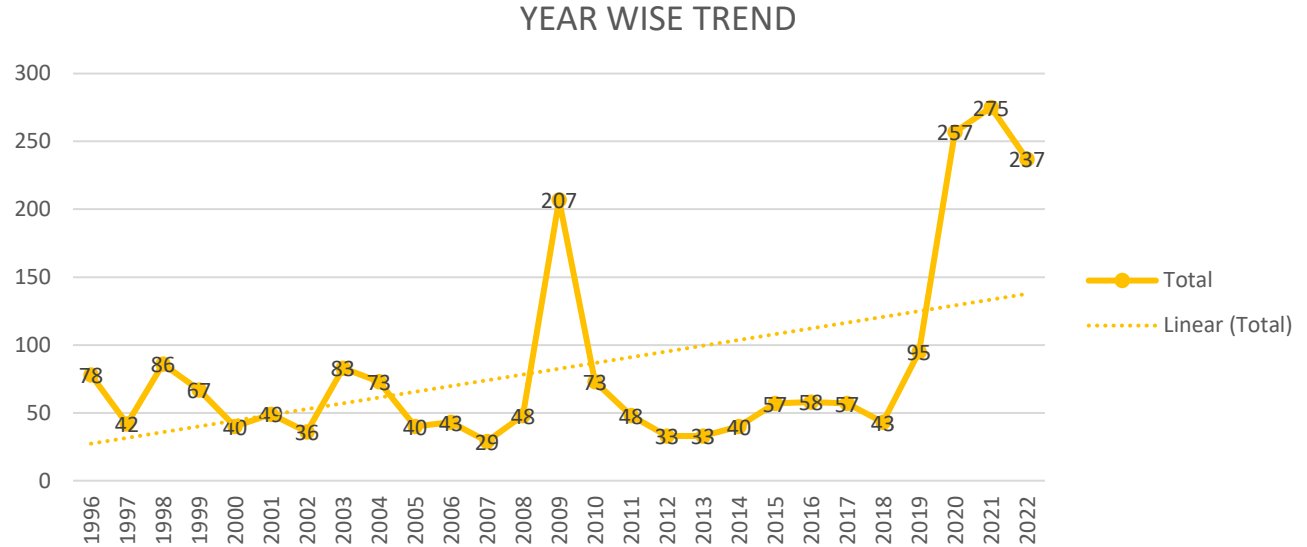
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Analysis Overview

- Analyze WHO's historical disease outbreak data (1996–2022)

- Identify global, regional, and country-level trends

- Showcase impact of pandemics (H1N1, COVID-19)

- Demonstrate Excel-based data analysis skills
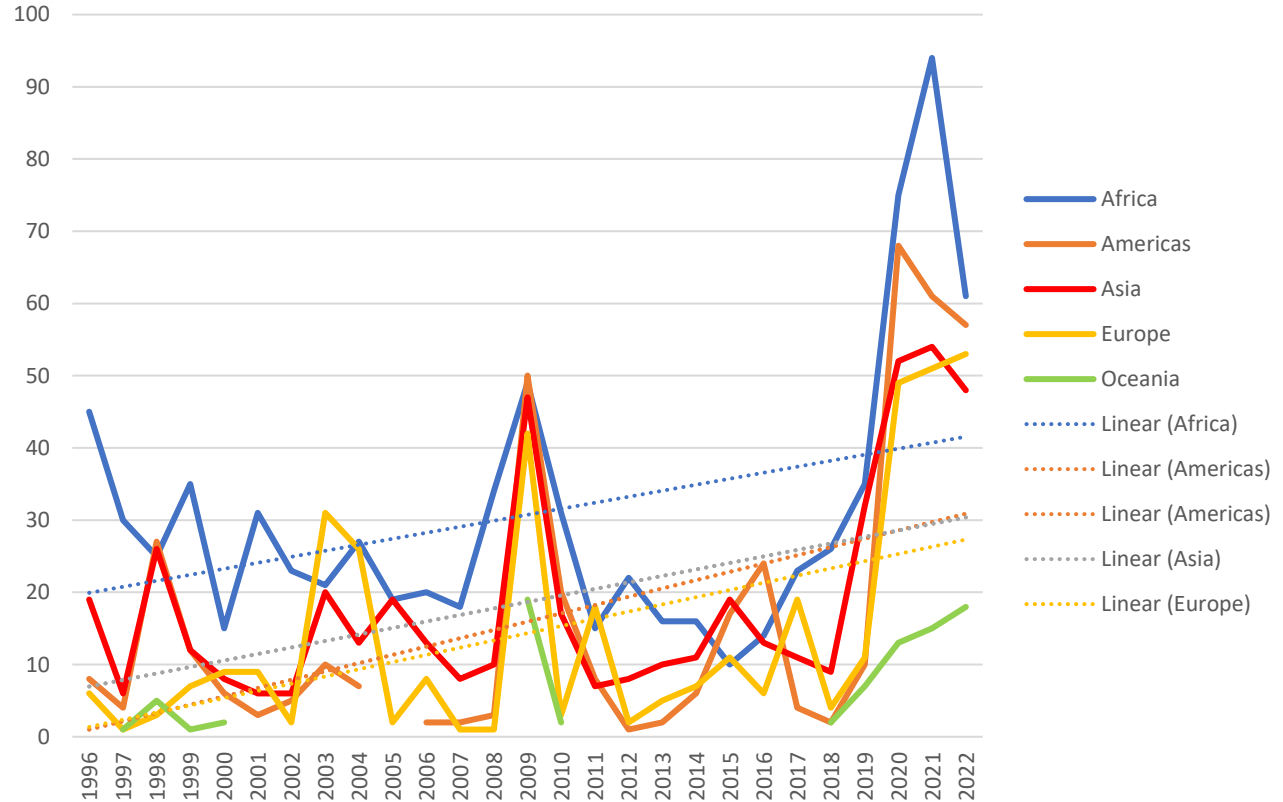
Year Wise Trend

YEAR WISE TREND

- Spikes in 2009 (H1N1) and 2020–2022 (COVID-19)
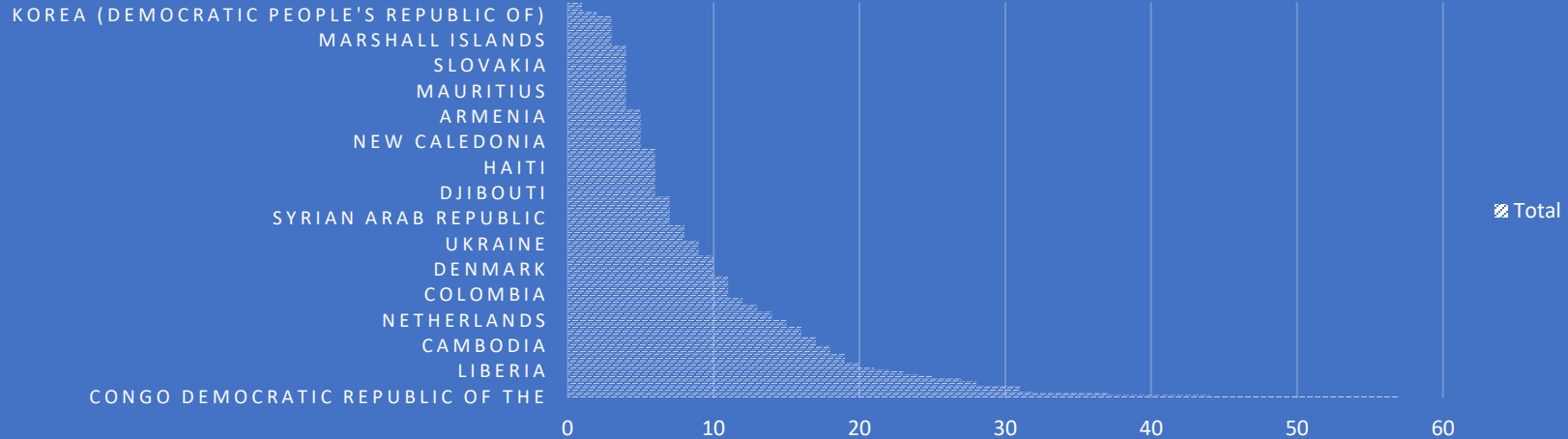- Overall increasing trend in outbreaks over 27 years

Continent-Wise Analysis

- Africa had the highest overall outbreaks (~37%)
- Asia and Americas showed strong upward trends
- COVID-19 caused synchronized spikes worldwide
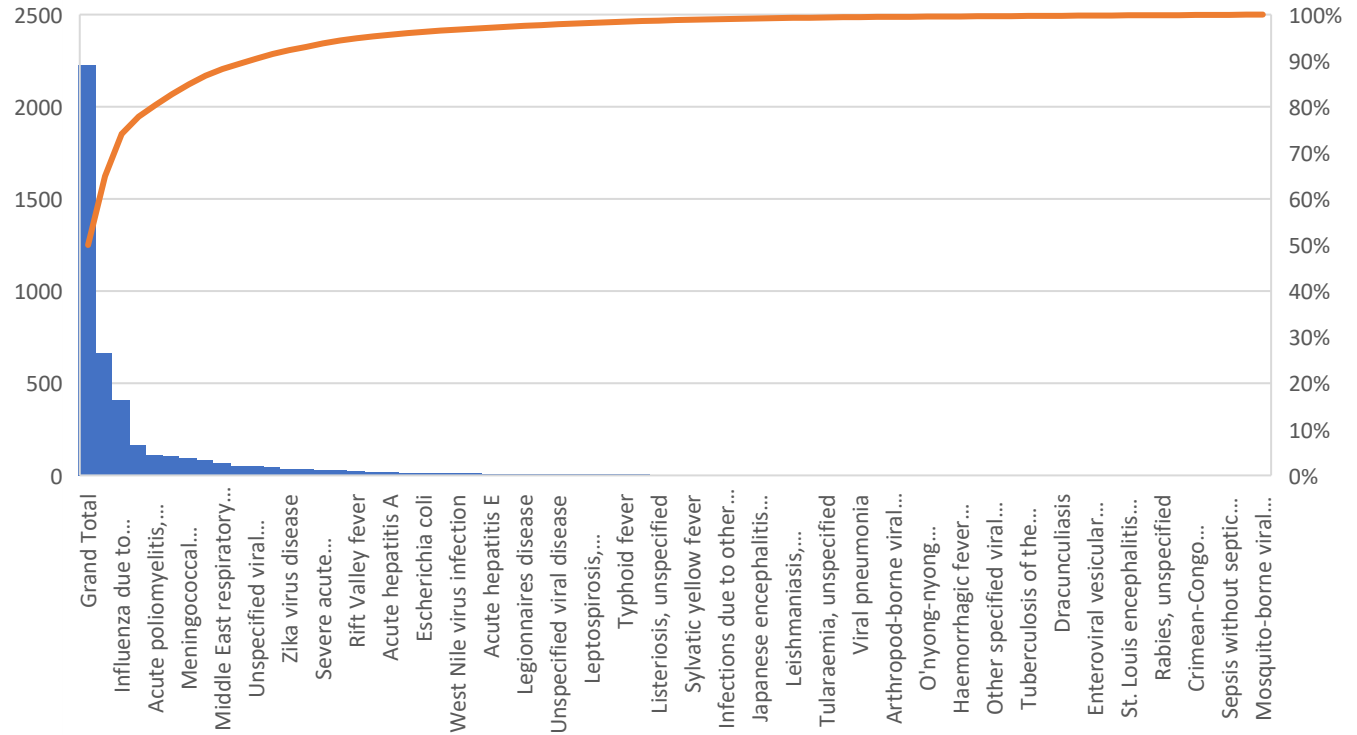
Country-Level Trends

DISEASE BY COUNTRY

- DRC has the highest level of disease outbreak followed by Liberia and Cambodia.

- Surprisingly big countries like USA, India, China are not in the top of the list

Disease wise Analysis

Pareto Chart

Conclusions

- Global outbreaks are rising — data-driven policy is key

- Project helped me improve:
    - Trend detection
    - Data storytelling
    - Excel dashboarding

Thank you!

Do you have any questions?