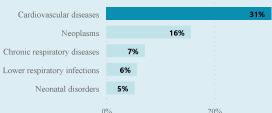
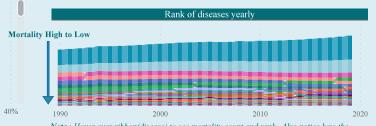
Exploring Global Mortality Trends: A Story of Health and Change $(1990 \sim 2019)$ Filter any year/country from here 🦣 Why Mortality Data Analysis matters ?? Select year Select Country In the world of public health, data can be a powerful storyteller. It reveals the evolution of global health over time, highlighting successes, challenges, and areas in need of attention. All This report delives into 30 years of worldwide mortality data, encompassing 120 countries, to uncover trends, identify key challenges, and highlight opportunities for improving public health. What is the trend in yearly global death over the years 1990 to 2019 ?? How the mortality has evolved over time for specific disease ?? Select Disease & Show trend of A11 49.5M 50.0M Disease Mortality change rate Total death Alzheimer's disease and other dementias 189.4% HIV/AIDS 156.7% Parkinson's disease 146.5% High Chronic kidney disease 137.4% 134.4% to Diabetes mellitus 43.5M 128.1% Drug use disorders Low 1990 2000 2010 2020 75.1% Neoplasms Year Cardiovascular diseases 53.8% Between 1990 and 2019, there is a notable ~ 25% rise in global annual mortality rates. Cirrhosis and other chronic liver diseases 45.3% This increase suggests a concerning trend in global health, which may warrant further investigation and High Mortality rate interventions to address the underlying causes. Alcohol use disorders 44.3% Note: Hover over any country to see the mortality % of that country Digestive diseases 37.8% Over the years Cardiovascular disease, Neoplasms, Chronic respiratory disease, Lower Chronic respiratory diseases 28.4% What is the leading cause of death ?? respiratory infections, Neonatal disorders have consistently held the top positions in the annual Total 24.9% mortality statistics. Only these 4 diseases cause **60%** of total death during 1990-2019. Cardiovascular disease has the most significant impact over years. Note: Scroll down to the bottom of this table to see Significant Decrease in mortality Cardiovascular diseases 31% Rank of diseases yearly • The mortality rates for Alzheimer's, HIV, Parkinson's, Kidney disease, Drug-related 16% Neoplasms Mortality High to Low issues, Diabetes have increased significantly. This trend may be attributed to factors

- such as an aging population, lifestyle changes, and improved disease diagnosis, prompting the need for targeted public health strategies and research.
- Mortality rates for drowning, malaria, tuberculosis, exposure to forces of nature, protein malfunction, and terrorism have notably decreased from 1990 to 2019. This decline may be attributed to improved public health initiatives, advancements in medical treatments, and enhanced safety measures. Country level

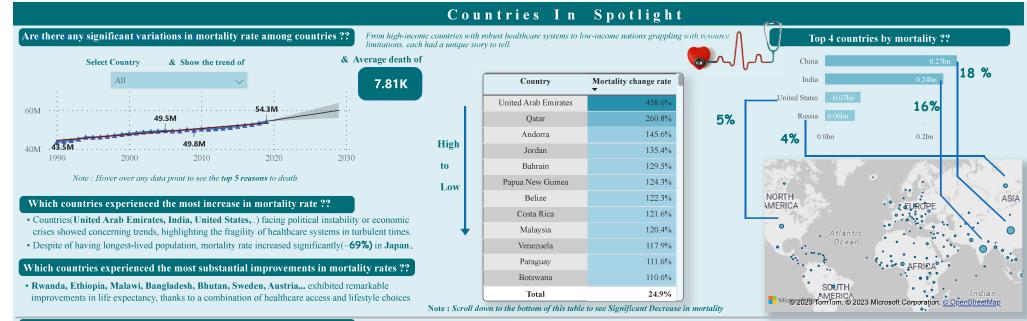
- presented by Madhupa Samanta, Data Analyst





Note: Hover over ribbon(disease) to see mortality count and rank. Also notice how the ribbon position(disease rank) changes with time.

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What are the top reasons of death in top 4 countries by mortality??

- Cardiovascular diseases, chronic respiratory, digestive disorders, and neoplasms (cancer) are leading causes of death in India, China, the United States, and Russia due to a combination of lifestyle factors, aging populations, and varying levels of healthcare access and infrastructure.
- Self harm has become one top reasons of death in Russia. Russia has experienced significant social and economic upheaval in recent decades, including the dissolution of the Soviet Union, economic hardships, and political changes. These factors can contribute to increased stress and mental health challenges, which may lead to self-harm and suicide. Also Alcohol consumption has historically been high in Russia, this can also be the reason of self harm, suicide.



- presented by Madi

We have uncovered tales of progress, challenges, and resilience. Our journey through 30 years of mortality data has taught us that data is not just numbers; it is the collective story of humanity's struggle for better health. As we move forward, let these narratives guide our efforts to ensure that every life is a story worth telling.

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