

Global Self-Harm and Substance Abuse

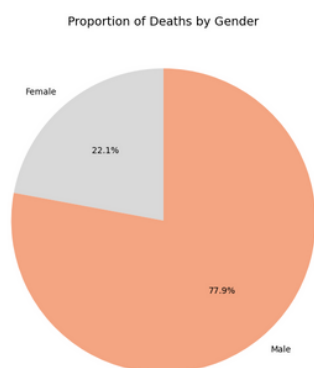
Mortality Analysis (2017-2021)

I worked on analyzing self-harm and substance abuse-related deaths worldwide from 2017 to 2021. This analysis provides insights into trends based on country, gender, and age group. The goal was to understand patterns in mortality data and how healthcare organizations can use these insights for better decision-making.

Key Findings:

Highest Impact: Intentional self-harm is the leading cause of death in this dataset, followed by mental and behavioral disorders.

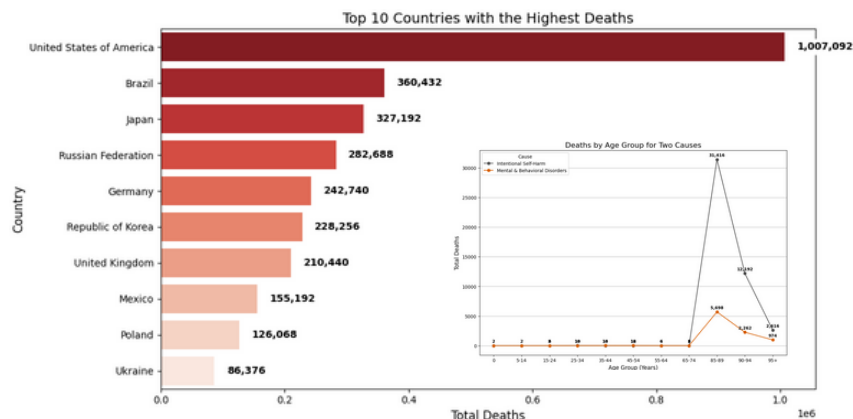
Gender Disparity: Males account for 77.9% of deaths, highlighting the need for gender-specific mental health interventions.



Age Groups: Self-harm rates peak in middle-aged adults (45-64), while mental health-related deaths are highest in older adults (85-89).

Global Trends: The United States, Russia, and Brazil report the highest mortality rates, indicating regional healthcare challenges.

Yearly Changes: Deaths dropped significantly after 2019, reflecting shifts in healthcare focus.



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How Healthcare Organizations Can Benefit?

Organizations can focus on healthcare improvement and strategic insights, can leverage this data in several ways:

- **Risk Identification:** Identifying high-risk groups based on gender, age, and location can help target interventions more effectively.
- **Policy Development:** Insights from mortality trends can support the creation of better mental health policies and preventive programs.
- **Resource Allocation:** Healthcare systems can prioritize funding and support services where they are needed most.
- **Data-Driven Decision-Making:** Organizations can integrate this analysis into their strategic planning to improve patient outcomes.

Understanding mortality trends is crucial for improving healthcare strategies. *Data can save lives when used correctly* by identifying high-risk populations, guiding resource allocation, and shaping better policies. With data-driven insights, healthcare organizations can take proactive steps to reduce preventable deaths and enhance mental health interventions.

Full Project : [GitHub.com/AnnesRepoLink](https://github.com/AnnesRepoLink)