Bridging The Gap

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What are feasible solutions to facilitate the redistribution and donation of surplus medical supplies and Medical expertise from well developed medical facilities to under developed and underfunded medical facilities to distribute equal quality and quantity of care?

Problem Statement: The lower class areas of the world do not receive and are not able to access the same and equal amount of medical care that the higher class areas receive showing classist tendencies in our healthcare system

01. Introduction

My research project aims to significantly enhance global healthcare equity by improving access to quality medical care in underdeveloped and underfunded regions. It focuses on reducing medical waste, strengthening local healthcare systems, and promoting healthcare equality worldwide. By implementing practical solutions to these challenges, this research seeks to create more sustainable and equitable healthcare systems, ensuring that all individuals receive the necessary medical care.

AUTHOR

Sri Nithya Eamani
Hi I am Sri I am a 11th grade student attending Innovation Academy my research project focuses on the lower class receiving the same quality of care and medical supplies to meet their needs as much as the higher class.

02. Objective

The objective of my research project is to ensure equitable access to quality healthcare for all Thais, particularly for those disadvantaged by the current system. By addressing classist biases within healthcare, the initiative seeks to reduce unnecessary casualties and promote systemic equality.

WHY THIS TOPIC?

I have chosen this problem statement to primarily focus on because of a personal experience that I have had with the healthcare system in this topic leading to a significant event in my life that lit a fire beneath me to involve myself in the medical field to help other who where in my situation and anyone who require help.

03. Methodology

When doing this study I used multiple methods for researching the proper information for my studies. This process of using multiple methods to research allowed me to fully grasp the problem statement especially when my problem was such a broad topic. So using multiple methods helped me to not use too many resources. The methods I used include:

- **Case studies**
- **Experimental design**
- **Observational research**
- **Secondary data analysis**

The most important resources used during this study are the organizations that are already accomplishing a similar goal to the goal of this passion project and thus helped me greatly with getting data and helping me narrow down the findings.
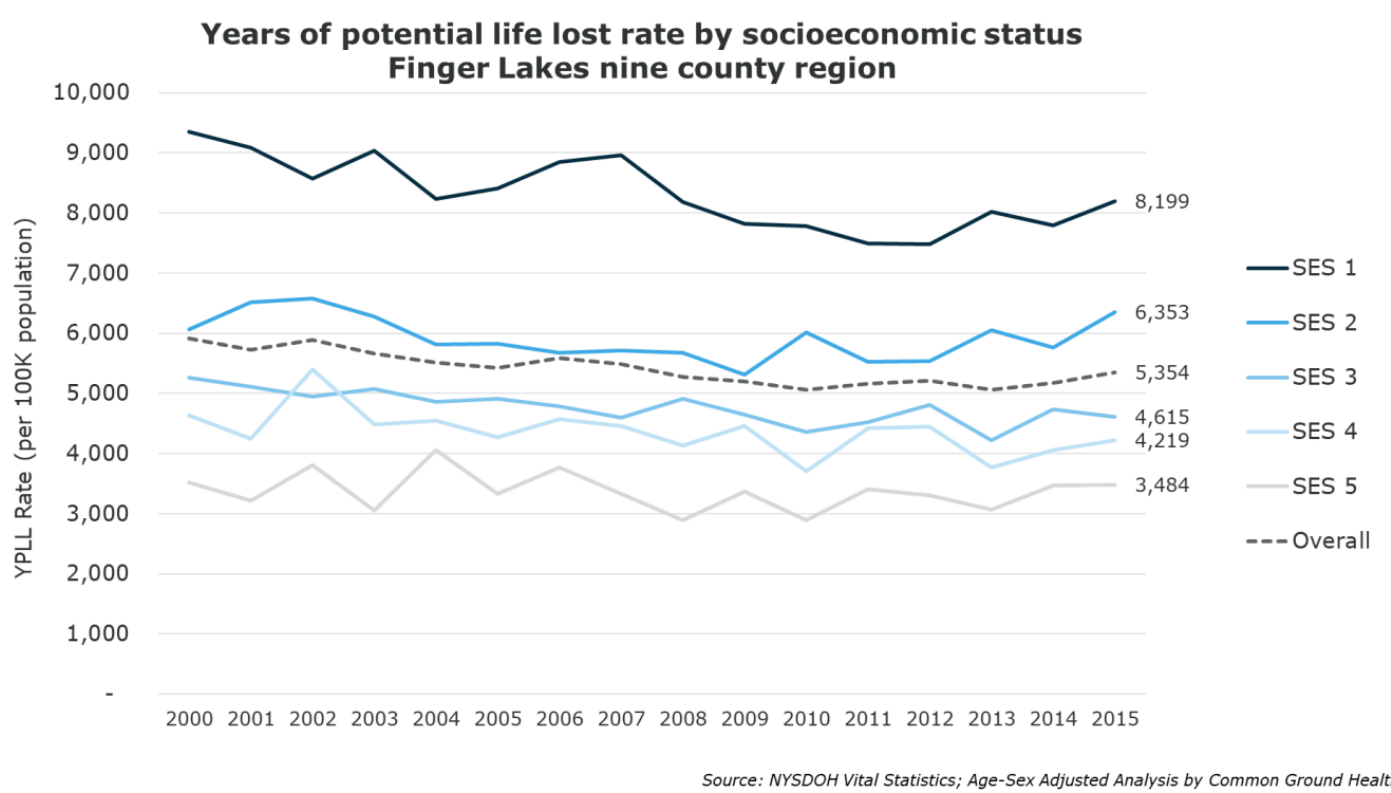
04. Findings

II have discovered through my extensive research that the relation between healthcare and poverty is incredibly apparent in multiple different aspects and so I do believe my solution of creating a website to allow for hospitals to request for help from other hospitals through surplus supply donation to handle the need for them and expertise in case of emergency questions. The intriguing findings I discovered during my research are listed below:
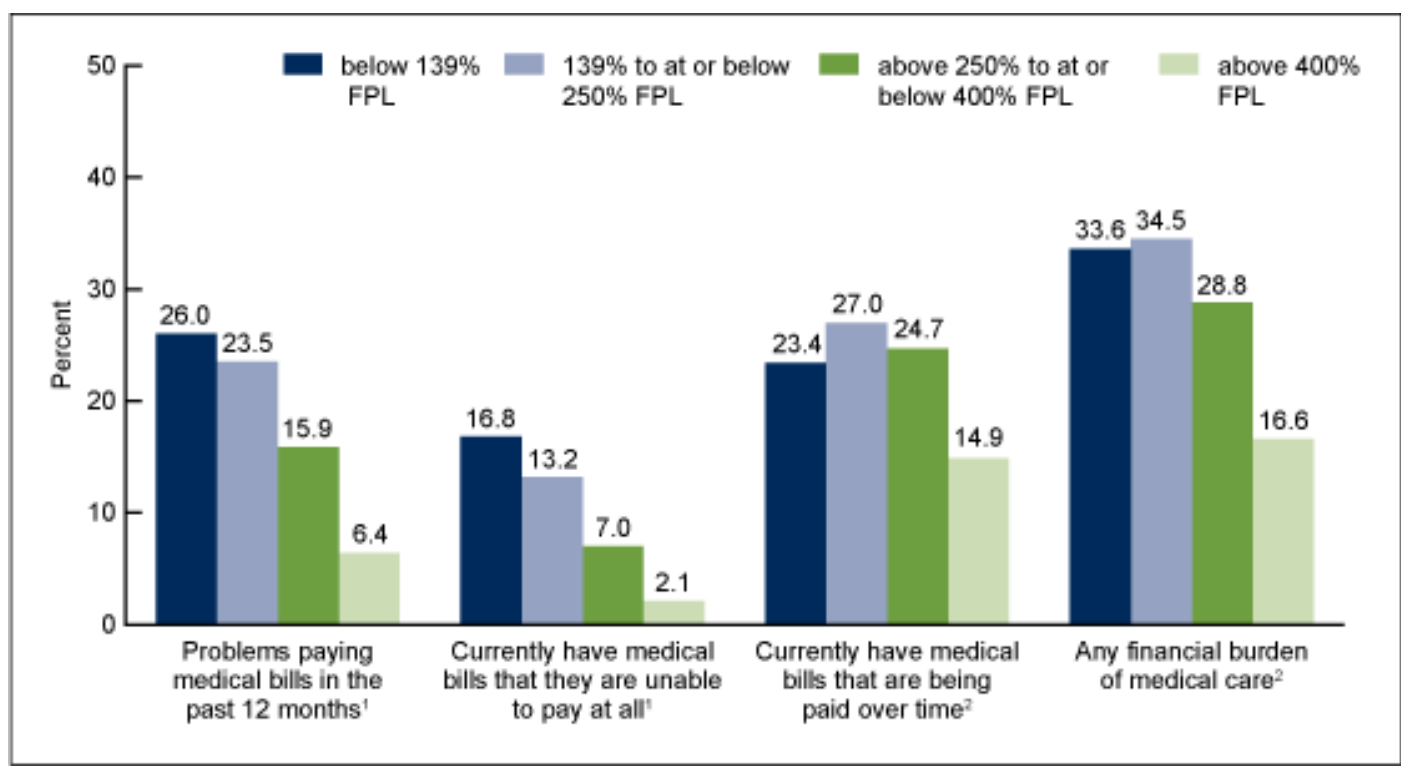
- Investing in healthcare infrastructure in developing countries is crucial for enhancing health outcomes and economic stability, which in turn fosters greater patient trust in the healthcare system.
- Global public health progress is uneven, with some regions advancing their health systems while others face challenges rooted in poverty and limited access to healthcare services.
- Limited access to healthcare presents a significant barrier for individuals, particularly in low-income areas, due to geographical, cultural, and social obstacles.
- The plausible potential for directing surplus medical supplies from developed countries to clinics in need thus improving health care systems in underserved areas.
- The link between poverty and healthcare costs highlights how these expenses significantly impact low-income families, worsening health disparities and maintaining cycles of poverty, while many citizens still lack access to essential healthcare services.

05. Data Analysis

As you can see by compiling credible data from the sources seen below and the organizations linked in the references I have acquired secondary data that accomplishes my goal and accurately encompasses my problem. This also ensures that I do not have to eliminate data analysis from my project because of how big this problem is, and how it will be impossible to compile accurate information. From my data a key detail I have discovered that drives my research project forward with strong support is the eerie relation between poverty and death as well as the relation between hospital ratings and poverty or impoverished areas.
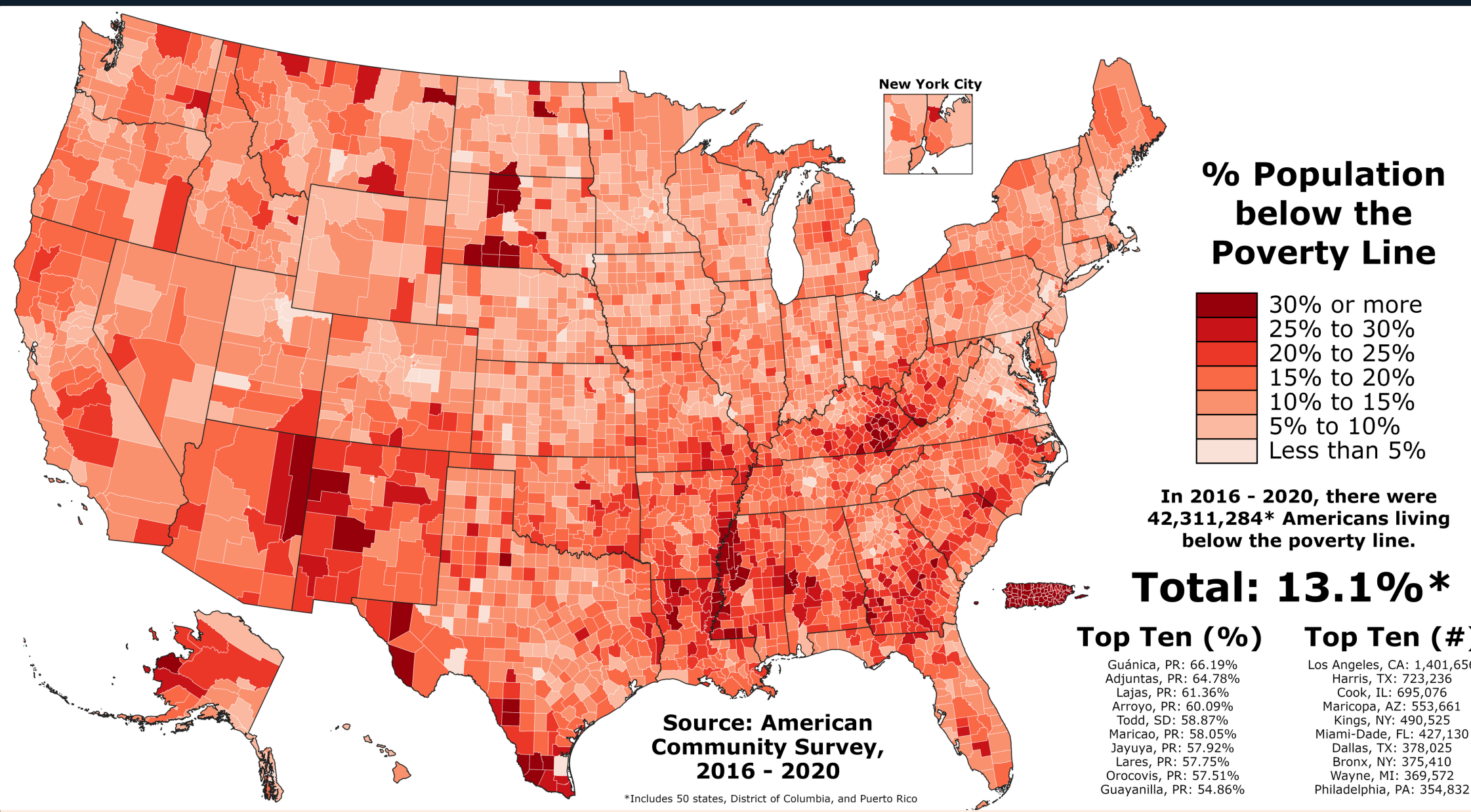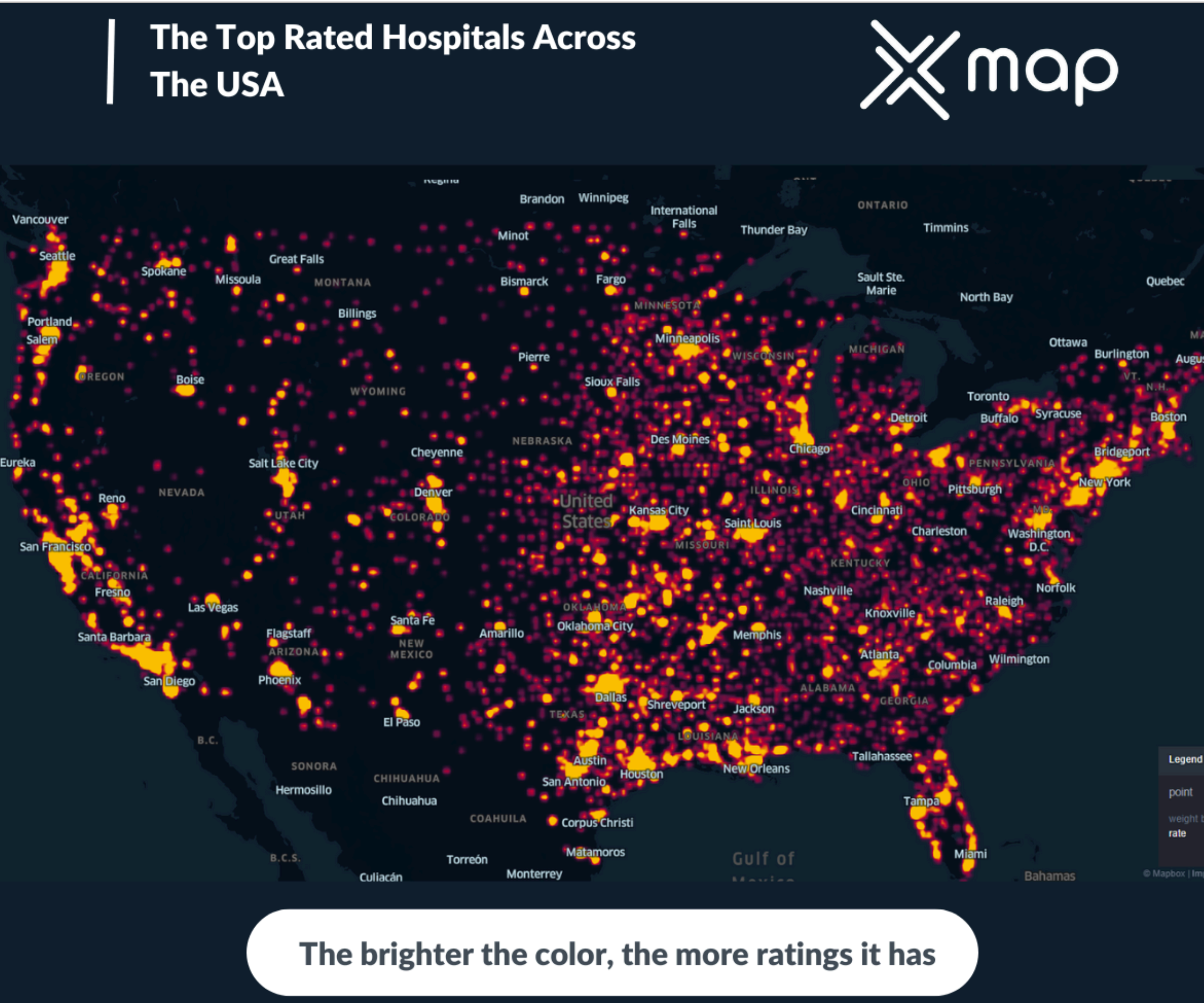

This graph illustrates the relation between death rates and socio economic status

This graph illustrates how families with lower incomes were more likely to experience financial burdens of medical care.

<u>Research References Link</u>

06. Conclusion

My research centers on developing effective methods for redistributing medical supplies and expertise to healthcare facilities in underfunded and underdeveloped regions. The aim is to ensure equitable access to quality healthcare regardless of socioeconomic status or geographical location. To achieve this, I am addressing logistical, regulatory, and sustainability challenges inherent in the distribution process. Current efforts involve streamlining donation systems to design a feasible supply chain, fostering partnerships, advocating for regulatory reforms, and leveraging telemedicine as a strategic tool to fulfill these objectives.