# Every Coin Has Two Sides

PROCESS BOOK BY CHASEY WANG

#### **COMPARATIVE ANALYSIS • DATA VISUALIZATION**

This project examines the dual perspectives on social issues, integrating policy analysis, data insights, and real-world impact assessments. By visualizing contrasting viewpoints, it fosters a deeper understanding of complexities, encouraging critical thinking and informed decision-making.

#### **AUDIENCE & CONTEXT**

This project is designed for senior Americans, focusing on clarity and accessibility. Through visual storytelling, it presents complex ideas in an engaging and relatable way, encouraging curiosity, reflection, and meaningful connections.

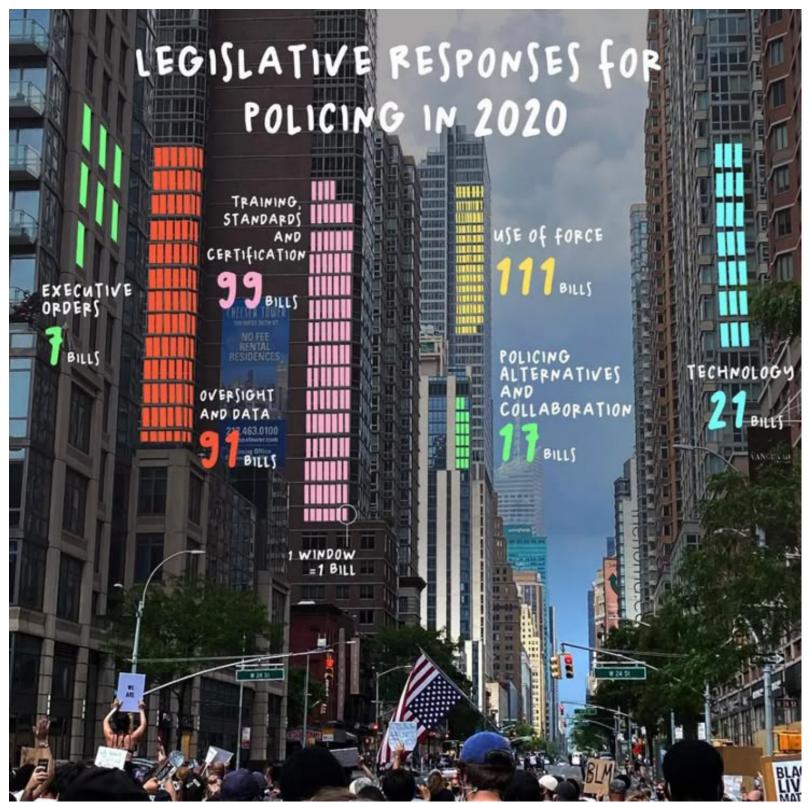
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# Research & Analysis

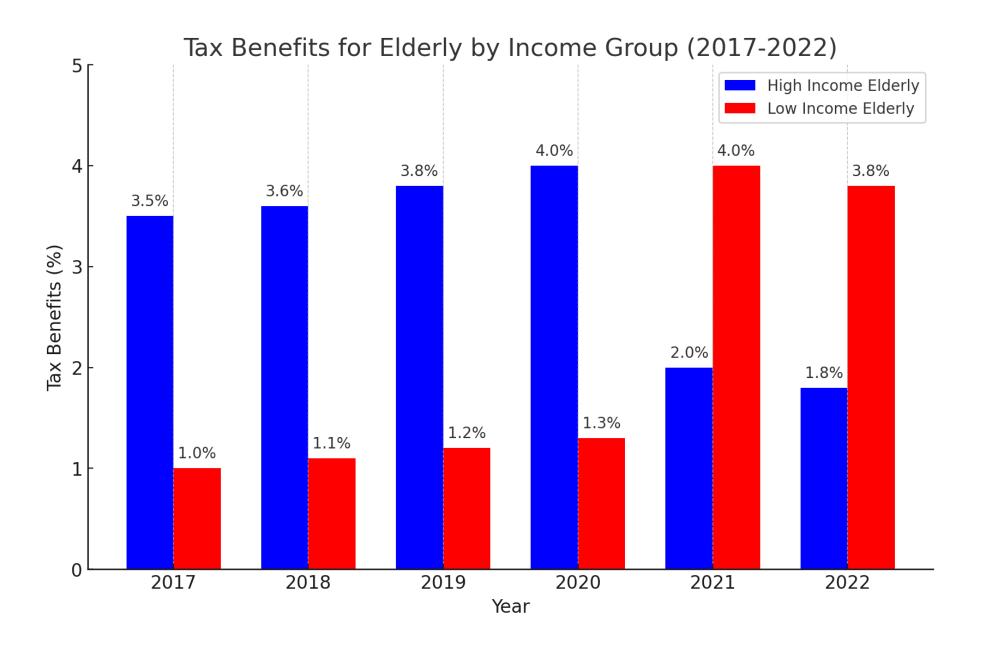
Research

WHAT IS YOUR
UNDERSTANDING
DATA VISUALIZATION?



Research | Chasey Wang

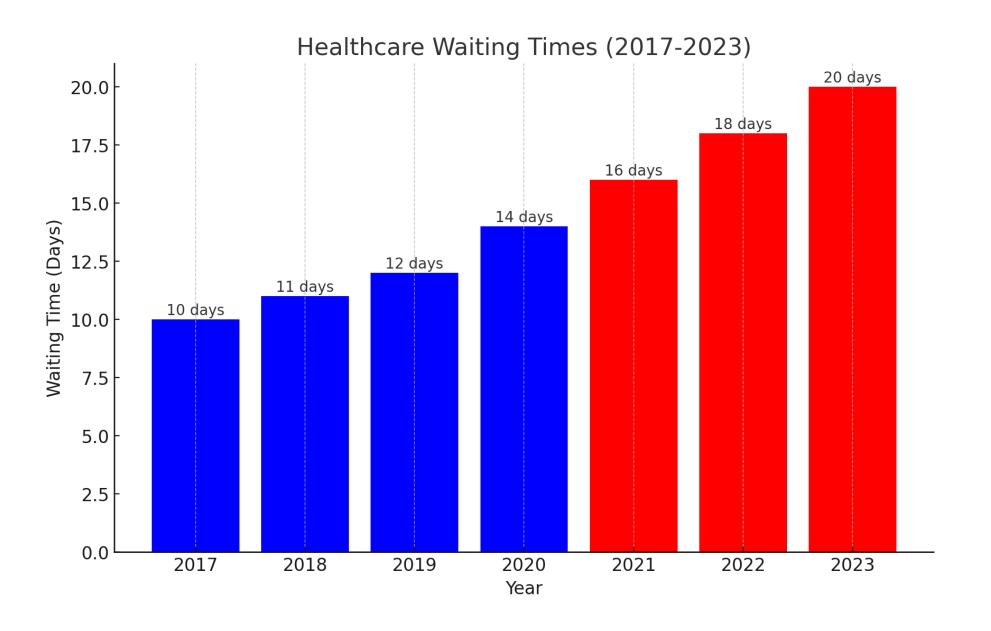
### **Economic Data Point**



High-income elderly: Republicans (2017- 2020) provided larger tax cuts, while Democrats (2021-2022) reduced them. • Low-income elderly: Democrats (2021-2022) offered greater tax relief, whereas Republicans (2017-2020) provided less benefit.

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## **Immigration Data Points**

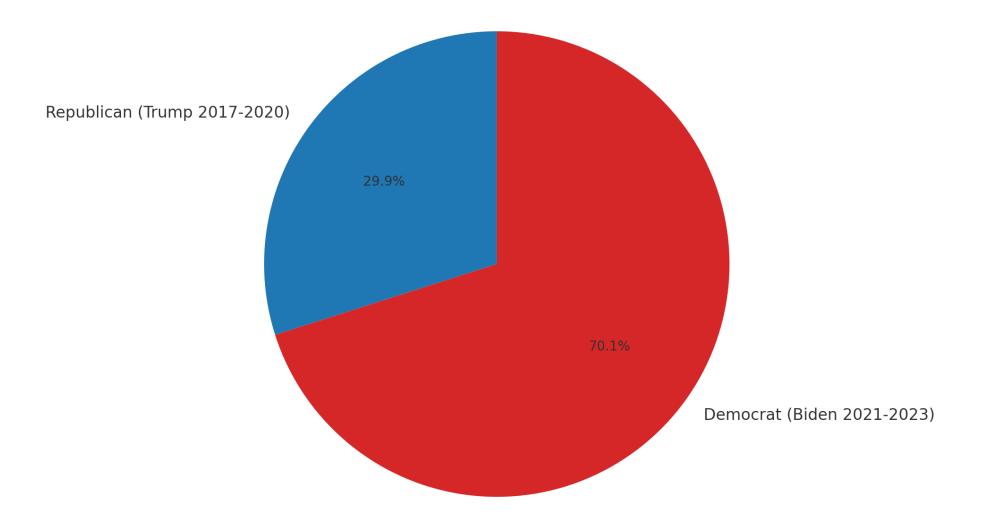


This chart shows U.S. healthcare waiting times from 2017 to 2023. Waiting times increased steadily from 10 days in 2017 to 14 days by 2020. After 2021, they rose sharply, reaching 20 days by 2023.

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# Social Security Benefits Data Points

Social Security COLA Adjustments by Political Party (2017-2023)

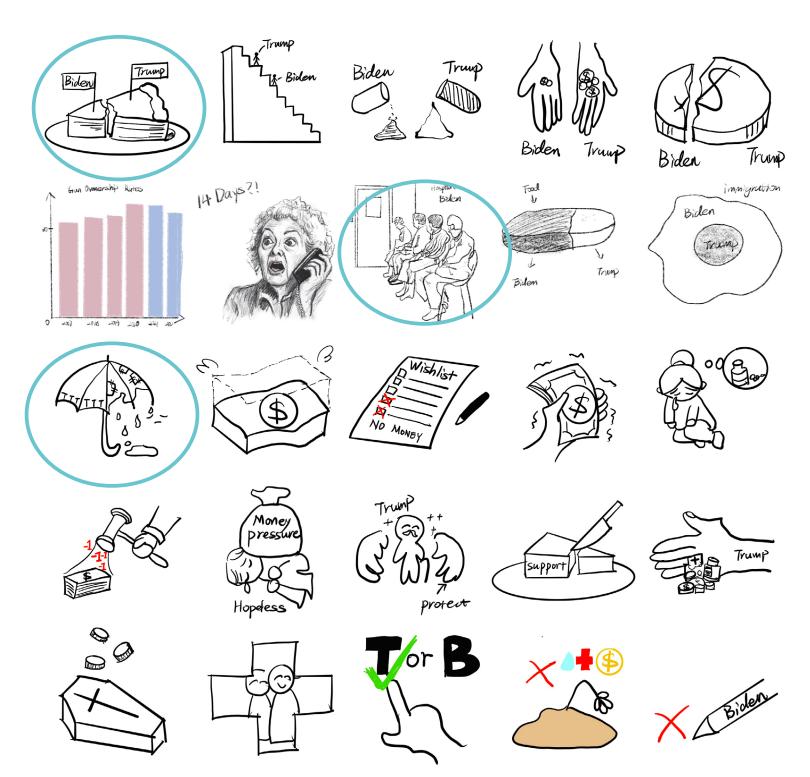


This chart shows Social Security COLA adjustments from 2017 to 2023. Under Trump (Republican), 29.9% of adjustments were made, while 70.1% occurred during Biden's (Democratic) term, reflecting a more expansive approach to Social Security under Biden.

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# Design Exploration

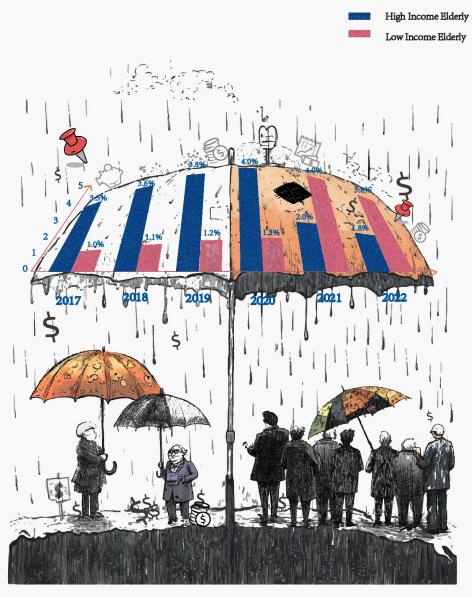
## Sketch



This is a sketch illustrating the relationship between **immigration**, the **economy**, and **social welfare**, aiming to present data comparisons and explore the impact of immigration policies on economic growth and social security systems.

## Design process

## Tax Benefits for Elderly by Income Group (2017-2022)



#### **Limitations:**

- Low readability: Small percentage values and weak color contrast make data hard to read.
- *Cluttered hierarchy*: Overlapping elements obscure key information; unclear link between figures and data.
- *Unclear trends*: Policy impact is implied but not explicitly shown; no clear indicators of growth or decline.

#### Improvements:

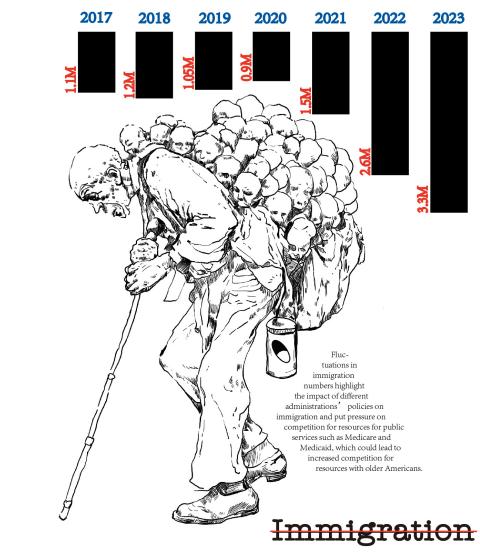
- Enlarge labels for clarity.
- Simplify visuals to emphasize data.
- Add trend lines or arrows for better interpretation.
- Enhance color contrast for group distinction.

## Design process

## Total Immigration

(Including Illegal)

## from 2017-2023



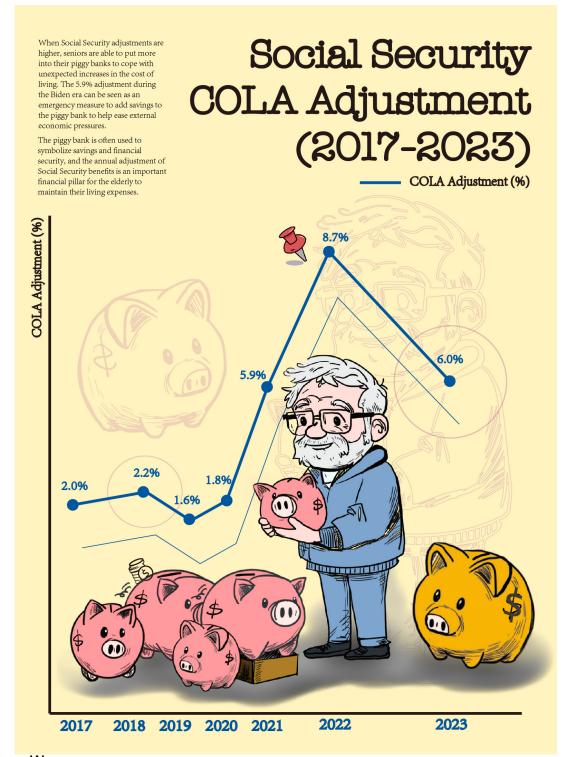
**Limitations:** 

- *Biased Imagery:* The illustration portrays immigration negatively, influencing perception.
- Cluttered Layout: Mixed visuals and text make it hard to focus on key data.
- *Unclear Trends:* The bar chart lacks clear indicators of change over time.
- Low Readability: Font styles and placement reduce clarity.

#### Improvements:

- Use neutral visuals or remove illustrations to emphasize data.
- Simplify layout and improve number readability.
- Add trend lines or annotations to clarify policy effects.
- Standardize typography for better information delivery.

## Design process



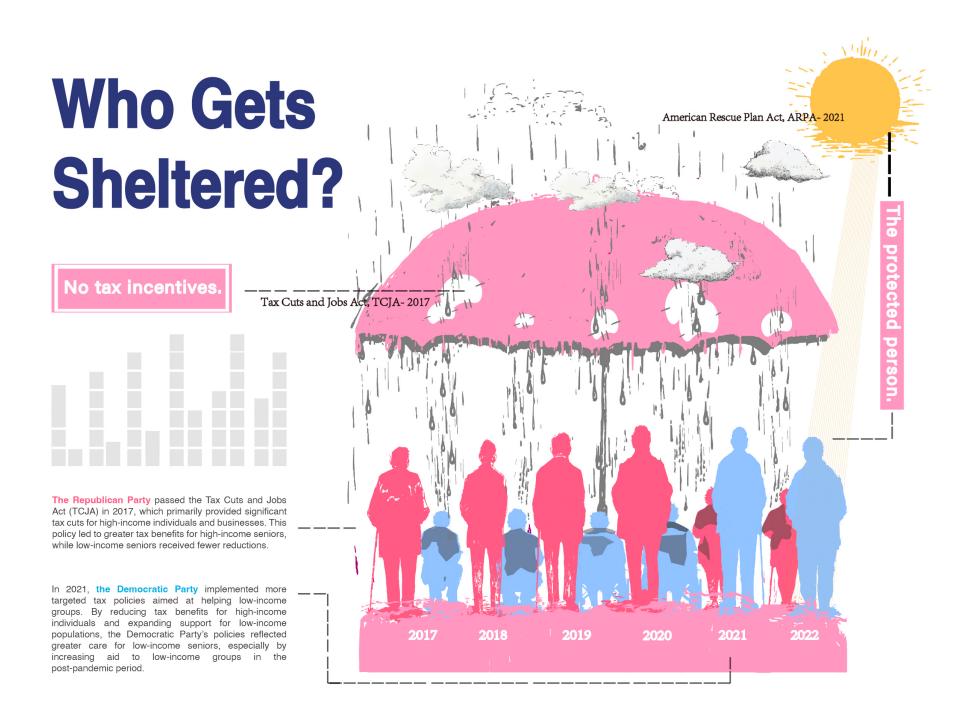
#### **Limitations:**

- *Inconsistent Style:* The use of a photo instead of an illustration disrupts the visual cohesion of the series.
- Lack of Contrast: White text blends into the light background, making it hard to read.
- *Unclear Scale:* The floor-based visual metaphor does not effectively show proportional changes in waiting time.

#### Improvements:

- Convert the image into an illustration to match the visual style of previous graphics.
- Increase text contrast and reposition it for better visibility.
- Use a more intuitive visual metaphor, like a timeline or bar chart, to clearly depict the increase in waiting time.

## **Concept For Economic**



This image compares Republican and Democratic tax policies. The Republican 2017 Tax Cuts and Jobs Act mainly benefited higher-income individuals, while the Democratic 2021 American Rescue Plan focused on helping low-income groups, especially seniors. The umbrella symbolizes who gets protected by these policies over the years.

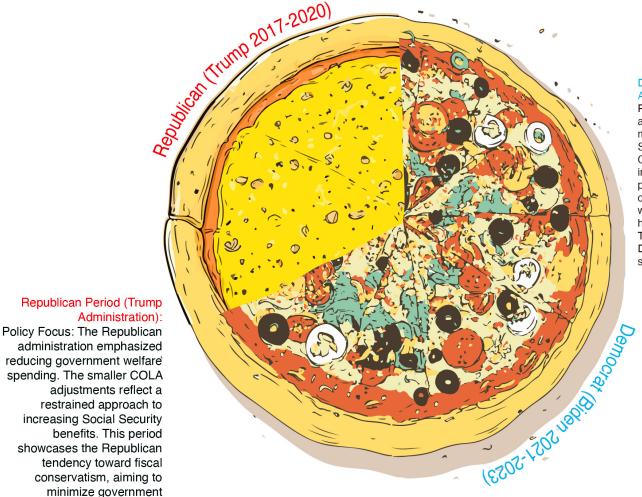
## Concept For Immigaration



This concept highlights how immigration policies can influence healthcare wait times for seniors. Increased immigration may lead to a rise in demand for healthcare services, potentially extending wait times. On the other hand, stricter immigration policies might ease pressure on healthcare systems, possibly reducing wait times. The visual shows how wait times have varied over the years, reflecting the complexities of policy decisions and their impact on senior healthcare.

## **Concept For Social Security Benefits**

involvement in social welfare.



#### Democratic Period (Biden Administration):

Policy Focus: The Biden administration implemented a more expansive approach to Social Security, with significant COLA increases. This was intended to address inflation and post-pandemic economic challenges, providing seniors with more financial support to handle the rising cost of living. The policy reflects the Democratic stance on expanding social welfare programs.

This image shows how Social Security benefits (COLA) changed under two administrations. During Trump's term, the Republican approach focused on smaller increases and reduced government spending. Under Biden, the Democrats expanded benefits with larger increases to help seniors cope with rising living costs. The pizza represents how benefits are divided between the two periods.

# Final Solution

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> This image symbolically depicts the varying levels of protection offered to seniors by different political party

> policies through the metaphor of a protective umbrella. The umbrella represents government tax cuts

and social welfare policies, shielding

the elderly population. The broken areas of the umbrella signify where certain policies have failed to fully protect low-income seniors. On

the left, the Republican Party's

2017 Tax Cuts and Jobs Act (TCJA) is highlighted, which primarily benefited high-income individuals,

leaving low-income seniors with fewer tax reliefs. On the right, the

Democratic Party's 2021 American

Rescue Plan Act (ARPA) is noted,

which focuses more on supporting

seniors, by expanding welfare to

ease post-pandemic economic challenges. The figures beneath

the umbrella represent seniors,

showing the impact of each policy.

underscoring the differences in

how the two parties prioritize

low-income groups, especially

**Who Gets Sheltered?** 

## **Who Really Receives Protection?**

Chasey

For seniors, understanding the nuances of these policies is crucial when planning for beneficiaries. Wealthier retirees their financial future. Depending on their income level and financial needs, different who rely on investment income policies will offer varying degrees of protection.

The question of who truly This protection often comes in the benefits from government form of social security benefits, policies-particularly when it comes Medicare, and other targeted to seniors—has long been a matter welfare programs. Additionally, of debate. With shifting political tax relief can greatly influence landscapes, policies affecting the the financial stability of seniors. elderly, such as tax cuts and social with many retirees seeking states welfare, are constantly evolving. and policies that offer the most Both major U.S. political parties— tax-friendly benefits. However the Republican and Democratic not all seniors receive the same Parties-approach the matter of level of protection, as policies may protection and welfare differently. favor specific income groups. For This article will delve into the instance, wealthier seniors who

unexpected financial pressures. burden, favoring tax cuts that wealthiestseniors were the greatest seniors may not benefit as much



specifics of how seniors have been saved throughout their working stimulate economic growth and additional support. In contrast, economic changes. impacted by policies from both years and have investments may reduce government spending, the Democratic Party's approach. While the question of "Who really parties, focusing on tax relief, social benefit more from tax cuts. On the One of the hallmark policies under tends to prioritize seniors who are receives protection? may not have welfare, and overall protection for other hand, low-income seniors, former President Donald Trump more economically vulnerable. By a straightforward answer, going low-income elderly Americans. As who rely primarily on social welfare was the Tax Cuts and Jobs Act (TCJA) expanding social welfare programs forward, seniors must pay close individuals age, their reliance on programs, often depend on of 2017. The TCJA significantly and increasing direct payments, attention to the policies that impact government programs increases. expanded government aid to meet reduced taxes for businesses and such as Social Security benefits, them most directly and advocate and rising healthcare costs, making The Republican Party tends to the policy succeeded in delivering robust safety net for low-income enjoy their retirement years with it vital for them to be shielded from focus on reducing the overall tax tax relief across the board, the seniors. While higher-income financial security.

and pensions saw substantial tax reductions, which further improved their financial situations However, this approach has its

downsides. While high-income

seniors benefited. low-income

seniors saw little change. The TCJA did not provide significant new benefits to seniors who rely heavily on social security and Medicare, leading to critiques that the policy neglected the most



vulnerable. Many low-income from these policies, low-income seniors continued to face the seniors often find themselves in burden of rising living costs and a better position to handle daily healthcare expenses with minimal financial pressures and unexpected

high-income individuals. While the Democratic Party offers a more for the protection they need to

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## **Why Are You Waiting** Longer to See a Doctor?

Both approaches have their merits but face challenges when it comes to addressing the specific needs of a rapidly aging population in a system under strain from immigration pressures.



systems may struggle to keep pace with rising demands. This is emergency care—can impact not



may face overcrowding, leading longer recovery periods for seniors sionate immigration policies with to longer wait times for essential who depend on timely intervention the need to maintain a healthcare

vulnerable groups. Hospitals of care, delayed diagnoses, and how can the U.S. balance compassystem that serves all, especially its could be key to mitigating the pres

#### **Healthcare Without** the Wait

to access the care they need when they need Having access to timely healthcare When they can receive care without it most. Seniors are hopeful for a healthcare services provides peace of mind, delays, their lives become easier, system that can respond swiftly and provide assuring seniors that their health and they can enjoy their later years effective care, ensuring their safety and needs will be addressed promptly. With greater peace and optim





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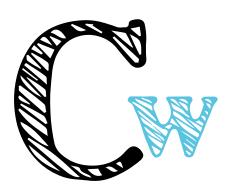
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