



US Census Demographic Data

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INTRODUCTION

- ❖ The US Census demographic data provides crucial insights into the nation's population distribution, gender dynamics, racial diversity, economic disparities, and more. These insights are invaluable for policymakers and researchers seeking a comprehensive understanding of the country's demographic landscape.
- ❖ The aim of this project is to analyze and derive meaningful insights from US Census demographic data, shedding light on various aspects of the country's population, economic landscape, and societal trends. Through rigorous data exploration and visualization, we aim to provide a comprehensive understanding of these demographic dynamics.
- ❖ Project Story link:
https://public.tableau.com/views/CensusProject_16942099974100/Story1?:language=en-US&:display_count=n&:origin=viz_share_link

Q1: What is the distribution of the total population across different states?

Population Insights Across U.S. States

❖ California Dominates:

- California stands out as the leader in population with nearly 3.8 million residents.
- This highlights California's status as one of the most populous states in the United States.
- The "Second Most Populous State Texas" has about 2.6 million people, showcasing substantial populations beyond California.
- Multiple population centers exist across the country, indicating regional diversity.
- New York and Florida each have approximately 1.96 million people.

❖ Regional Patterns:

- These figures hint at regional population patterns.
- California is on the West Coast, while New York and Florida are on the East Coast, impacting various aspects like political representation and resource allocation.

❖ Further Analysis:

- Deeper exploration is valuable to understand the reasons behind these population distributions.
- Consider factors such as economics, culture, and geography to gain richer insights into U.S. population dynamics.

❖ Q2 How Gender Distribution
Employment By County

Gender Distribution in County Employment

❖ Texas Leads in Employment:

- Texas takes the lead with the highest employment numbers.
- Approximately 318,737 men and 304,350 women are employed, demonstrating a balanced gender distribution.

❖ Georgia's Equitable Job Opportunities:

- Georgia maintains a strong presence in employment.
- Around 21,052 females and 21,061 males hold jobs, indicating equitable opportunities for both genders.

❖ North Carolina's Fair Representation:

- North Carolina boasts robust employment with 12,491 employed women and 12,109 men.
- This balanced distribution reflects a fair representation of both genders in the workforce.

❖ **Illinois Prioritizes Gender Diversity:**

- Illinois maintains a balanced employment rate, with around 11,513 employed females and 11,605 employed males.
- This underscores the state's commitment to gender diversity in its job market.

❖ **Ohio's Inclusive Approach:**

- Ohio's workforce includes 10,038 females and 9,909 males.
- The near-even distribution highlights the state's inclusive approach to employment.

❖ **Florida's Gender-Balanced Job Market:**

- In Florida, 8,715 females and 9,361 males have employment opportunities.
- This indicates a gender-balanced job market.

❖ **Pennsylvania's Commitment to Diversity:**

- Pennsylvania employs 7,502 females and 7,701 males, showcasing a commitment to gender diversity in employment.

❖ **California's Equitable Job Distribution:**

- California's job market includes 7,019 females and 7,280 males.
- It reflects a relatively equitable distribution of employment opportunities.

❖ **New Jersey's Significant Presence:**

- New Jersey exhibits a smaller but significant presence in the job market.
- Approximately 2,248 females and 2,153 males are employed.

❖ **Overall Insights:**

- These employment statistics emphasize diverse and inclusive job markets across counties.
- Efforts are evident to ensure equal employment opportunities for both men and women

❖ Q3 What is the distribution of Black populations in different states?

Distribution of Black Populations in Various States

❖ Georgia's Prominence:

- Georgia leads with the highest Black population, totaling 4,451 individuals.
- This significant presence underscores Georgia's historical and cultural significance within the Black community.

❖ Mississippi's Rich Heritage:

- Mississippi closely follows with approximately 3,366 Black residents.
- The substantial Black population reflects Mississippi's deep-rooted history and contributions of the Black community.

❖ Virginia's Notable Representation:

- Virginia ranks third with 2,472 individuals in its Black population.

- The state's historical context and diverse population contribute to this significant demographic representation.

- ❖ **Texas' Unique Demographics:**

- Interestingly, Texas, despite its high overall population, doesn't have a proportionally high Black population compared to the top three states.
- This suggests that while Texas is ethnically diverse, its Black population is relatively smaller compared to states like Georgia, Mississippi, and Virginia.

- ❖ **Key Insights:**

- These statistics provide insights into the distribution of Black populations.
- They also highlight the historical, cultural, and social dynamics of each state, showcasing the unique character of each region in the United States.

❖ Q4 How does Avg child poverty
compare to overall avg poverty within
counties?

Child Poverty Disparity in U.S. States

1. Puerto Rico:

- Average child poverty rate: 60.21%
- Overall average poverty rate: 49.37%
- Concerning disparity in child economic well-being compared to the general population.

2. Mississippi:

- Average child poverty rate: 36.25%
- Overall average poverty rate: 25.72%
- Children in Mississippi more likely to experience poverty.

3. Georgia:

- Average child poverty rate: 31.76%
- Overall average poverty rate: 22.20%
- Georgia faces a specific challenge in addressing child poverty.

4. Arkansas:

- Average child poverty rate: 31.21%
- Overall average poverty rate: 21.55%
- Vulnerability of children to economic hardship in Arkansas.

. Kentucky:

- Average child poverty rate: 30.21%
- Overall average poverty rate: 21.83%
- Need for targeted efforts to alleviate child poverty in Kentucky.

6. North Carolina:

- Average child poverty rate: 28.65%
- Overall average poverty rate: 19.37%
- Importance of addressing child poverty in broader strategies.

7. Tennessee:

- Average child poverty rate: 27.55%
- Overall average poverty rate: 19.45%
- Children at higher risk of poverty in Tennessee.

8. Missouri:

- Average child poverty rate: 25.25%
- Overall average poverty rate: 18.06%
- Focus on child poverty alleviation efforts needed in Missouri.

9. Texas:

- Average child poverty rate: 24.33%
- Overall average poverty rate: 17.16%
- Crucial to address child poverty for the well-being of Texas' younger population.

10. Wisconsin:

- Average child poverty rate: 20.56%
- Overall average poverty rate: 14.97%
- Children in Wisconsin more vulnerable to poverty than the general population.

Key Takeaway:

- These disparities emphasize the importance of targeted policies and interventions to reduce child poverty.
- Children often face distinct economic challenges compared to the overall population.
- Addressing this disparity can contribute to improved well-being and opportunities for children in these regions.

❖ Q5 What is the poverty rate in different states?

Poverty Rates Across U.S. States

❖ Texas:

- Poverty rate: 4,358
- Signifies economic hardships for a significant portion of Texas' population.
- Emphasizes the need for targeted poverty reduction strategies within the state.

❖ 2. Puerto Rico:

- Poverty rate: 3,851
- Unique territory status, yet faces substantial economic challenges.
- Significant portion of the population living in poverty.

❖ 3. Georgia:

- Poverty rate: 3,530

- Considerable proportion of residents living below the poverty line.
- Highlights the importance of addressing poverty-related issues in Georgia.

❖ **4. Kentucky:**

- Poverty rate: 2,619
- Substantial population segment struggling with economic difficulties.
- Need for measures to improve economic conditions.

❖ **5. Mississippi:**

- Poverty rate: 2,109
- Signifies significant poverty-related challenges.
- Emphasis on ensuring economic well-being for Mississippi's residents.

❖ **Key Takeaway:**

- Varying degrees of poverty exist across different states.
- Region-specific approaches are crucial for poverty alleviation and social support programs.
- Policymakers should consider these disparities when developing strategies to improve economic conditions and opportunities for individuals and families in each state.

❖ Q6 What is the income per capita in each state

Income Per Capita Across States

❖ 1. Texas:

- Total income: \$5,982,157
- Texas leads in income per capita, indicating a substantial income pool.
- Need for equitable distribution to address potential income disparities.

❖ 2. Virginia:

- Total income: \$3,599,697
- Strong economic performance and higher income levels for residents.
- Diverse economy and access to well-paying jobs contribute to prosperity.

❖ 3. Georgia:

- Total income: \$3,269,995

- Georgia's economic stability and income levels reflect state's financial health.
 - Crucial for policymakers to make informed decisions on development and social programs.
- ❖ **Key Takeaway:**
- Varying economic landscapes among states.
 - Total income doesn't necessarily indicate equitable distribution.
 - Consider factors like cost of living and income disparities for a comprehensive view of financial well-being.

- ❖ **Resources:** Tableau Website and Youtube
- ❖ **Design:** In designing the visualizations for this project, the design choices were made to effectively convey the insights derived from the US Census demographic data. These choices were made based on best practices in data visualization and will evolved as the project progressed with continuous feedback and refinement.

THANK YOU