



System hurdles for COVID-19 in older minority population: before, during and post-COVID-19 infection and all the way to vaccine protection

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Background

- Nationwide lockdown on top of the ongoing COVID-19 pandemic had a profound impact on society.
- Already vulnerable populations, such as LatinX and African American older adults, have been deeply affected.

Methods

- Literature and government health records addressing current health statuses among minority older adults due to the pandemic were retrieved.
- Existing healthcare disparities deepened by the pandemic were studied from health, social, and economic dimensions.
- We characterized the epidemiological situation before, during, and post COVID-19 pandemic, including known data about the vaccination campaign progress.

Results

Baseline risk

 Older African American adults were at the greatest baseline risk of contracting COVID-19 given their high prevalence of at least two chronic conditions (1).

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Prevalence of two or more chronic conditions among					
Medicare-enrolled people aged ≥65 years old in the					
United States					
Race/Ethnicity	Crude Prevalence (%)				
Black Non-Hispanic	71.1				
White Non-Hispanic	68.1				
American					
Indian/Alaska Native	67.0				
Non-Hispanic					
Asian or Pacific	64.4				
Islander	64.4				
Hispanic	63.6				
*Data from 2015					

Adapted from the Leading Health Indicators of Chronic Disease and Risk Factors from the Center for Disease Control and Prevention (1

Results

Risk of COVID-19 Outcomes Stratified by Age

Compared to 5-17 years old:

- Despite similar rates of contracting COVID-19 after age 30, hospitalization rates went from 15 times higher at ages 40 to 49 years old, to **55** times higher at ages 75 to 84 years old (2).
- The rate of death due to COVID-19 went from **130** times higher at ages 40 to 49, to 2800 times higher at ages 75 to 84 (2).

Risk of COVID-19 Outcomes Stratified by Race/Ethnicity

Compared to White, Non-Hispanics:

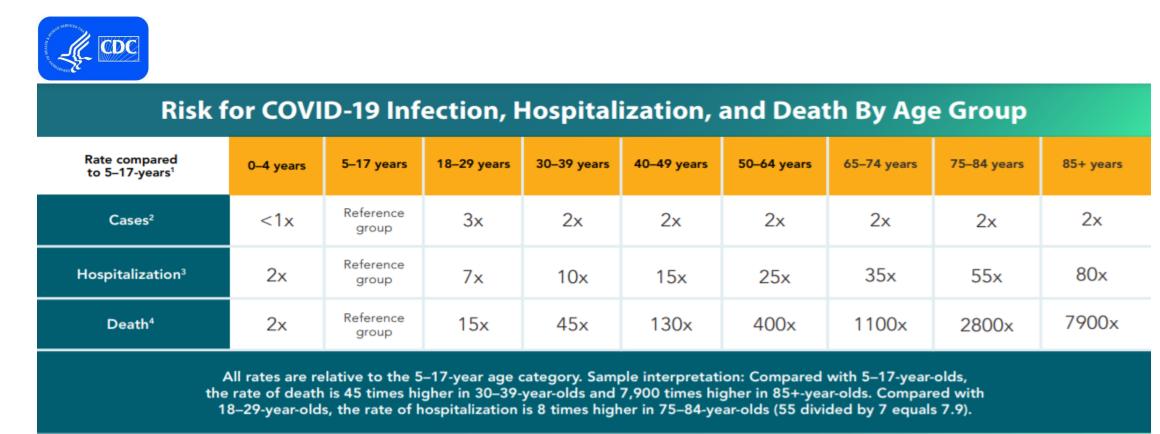
- African American, Non-Hispanic persons were **1.1** times more likely to contract COVID-19, 2.9 times more likely to be hospitalized, and 1.9 times more likely to die from COVID-19 (3).
- Hispanic or Latino persons were 1.3 times more likely to contract COVID, **3.2** times more likely to be hospitalized, and 2.3 times more likely to die from COVID-19 (3).

Characteristics and **Unemployment by Race/Ethnicity**

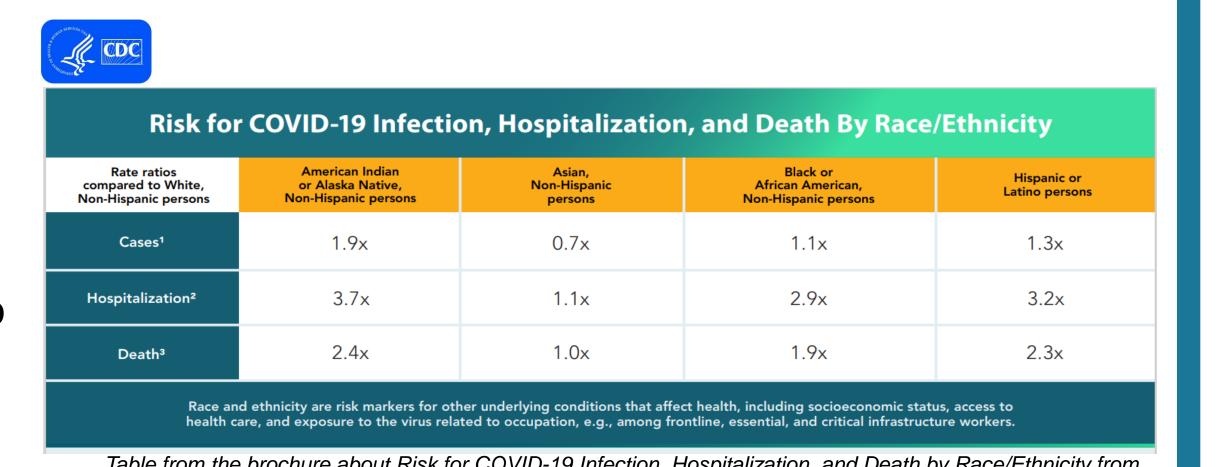
- In 2018, unemployment rates were higher American among Hispanic/Latino communities compared to Whites' (4).
- In April 2020, unemployment rates reached 18.9% and 16.7% among Latin and African American communities, respectively, compared to 14.1% among White communities (5).

Health Insurance and Internet Access

Greater lack of insurance among minorities and limited internet access among older adults present a barrier to adequate healthcare amidst the pandemic (6,7).

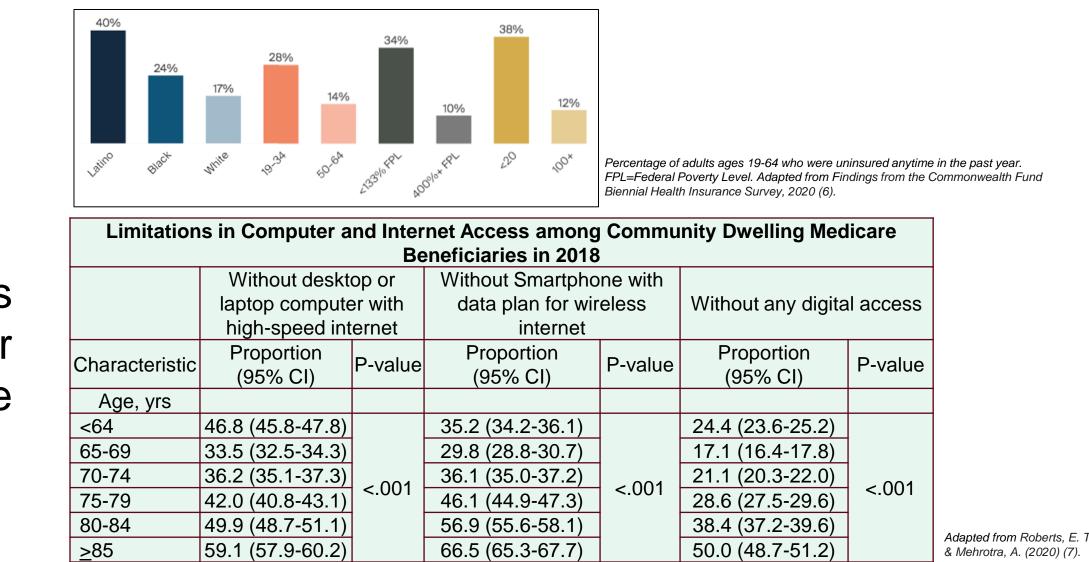


Center for Disease Control and Prevention (2)



the Center for Disease Control and Prevention (3)

Labor force Characteristics and Unemployment by Race/Ethnicity in the United States in 2018					
	% of Empl				
	Natural Resources,		Management,	% of	
	Construction, and	Service	professional, and	Unemployment	
	Maintenance		related	. ,	
Race					
White	10.0	16.0	41.0	3.5	
African American	6.0	24.0	31.0	6.5	
Asian	3.0	17.0	54.0	3.0	
Hispanic/Latino	17.0	24.0	22.0	4.7	



Results

Vaccine Distribution

A reduced number of minority populations across the nation have received at least one dose of the vaccine compared to Whites (8).

2,089,536 15,400,903 413,427 1,211,394 1,529,268 61,901 3,301,284

Policy Brief

Issue:

- The older minority population have been the most affected population due to COVID-19.
- To reduce the spread of COVID-19, quarantines and lockdowns were implemented resulting in isolation throughout the population.
- Isolation enabled negative health outcomes among minority older adults, whose culture thrives on human interaction, family gatherings, and community togetherness.

Examination of Main Findings:

Ageism (9)

- Media has focused on the deficits associated with aging.
- Older adults experienced depressive symptoms derived from financial stressors AND
- Lack of support in the community and workplace.

Policy Recommendations

- Reduce stereotyping in media
- Strengthening a view towards the beauty of older age as a source of wisdom

Racism (10)

Minority groups faced greater risks to contract the disease and greater challenges to recover.

Policy Recommendations

- Target aid to the most vulnerable to COVID-19
- Adopt Medicaid Expansion
- Enhance food assistance
- Prioritize stimulus checks
- Provide emergency funds for the community

Access to Healthcare (6,7) Greater barriers due to uninsured status and limited internet access.

Policy Recommendations

- Target Community centers.
- Engage Primary Care Providers and healthcare navigators to do home visits and tackle minority older adults' issues
- Hire bilingual and/or multilingual staff
- Aim for an equitable distribution of vaccines

Conclusions

The situation among older minority adults is a health, social, and economic emergency that need to be target at its root, given its impact on our medical and psychosocial systems.

In Summary: An equitable recovery from COVID-19 requires ageism,

addressed aiming to impact health outcomes in an inclusive manner, in

racial discrimination, and access to healthcare and vaccines to be

which older adult minority communities can be targeted.

- The pandemic has triggered a continuous learning process that, hopefully, will empower ourselves to better meet further challenges.
- It is crucial that we do not stand idle causing immense damage by doing nothing.

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