

# COVID-19 Update

Dr Mark Cunningham-Hill  
Medical Director NEBGH

Monday March 22<sup>nd</sup> , 2021

# Chief Health Officer Dr. Fatima Cody Stanford



## Experience



Director of Diversity  
Nutrition Obesity Research Center



Director of Anti-Racism  
Initiatives and Director of Equity



Minority Affairs Section Chair



Lifestyle and Cardiometabolic  
Health Member and Boston Board Member



Dr. Stanford on MSNBC discussing COVID-19 impact on black americans



The NEW ENGLAND  
JOURNAL of MEDICINE

## Beyond Tuskegee- Vaccine Distrust and Everyday Racism

Dr. Stanford was recently published in the New England Journal of Medicine on vaccine distrust

## Awards and Recognition

(2005) AMA Leadership Award (2009) AMA Paul Ambrose Award (2013) ACP Joseph E. Johnson Leadership Award (2015) AMA Inspirational Physician Award (2015) ACP Young Leadership Award (2017) HMS Amos Diversity Award (2017) MMS Award for Women's Health (2019) Suffolk Community Clinician of the Year (2019) Reducing Health Disparities Award (2020) "Fatima Cody Stanford is a trailblazer for equity in medicine" Boston 25 News (2021) AMA Pride of the Profession Award



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Chroma Health will transform the way underserved groups engage with the healthcare system to access culturally competent care.

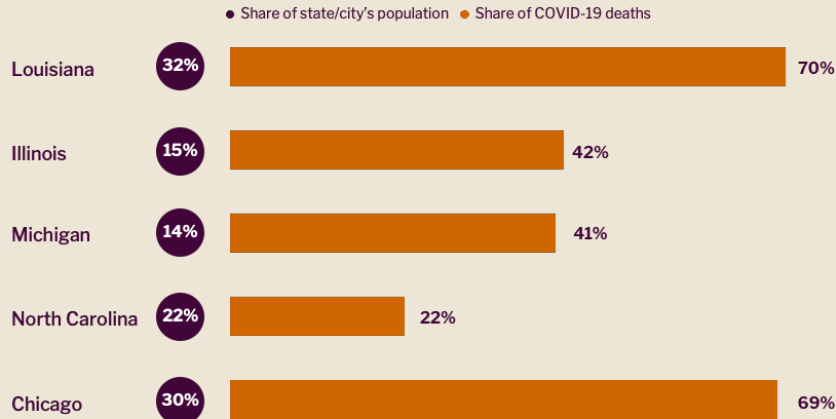
Chroma will address health disparities, initially working with employers, to improve access to high-quality, culturally-competent healthcare services by providing engagement tools, navigation assistance and educational materials to empower employees to obtain the care they deserve.

# The impact of COVID on the BIPOC community

# The pandemic has taken a disproportionate toll on the BIPOC community

## COVID-19's devastating impact on African Americans

African American share of state/city populations and COVID-19 deaths (as of April 6, 2020)



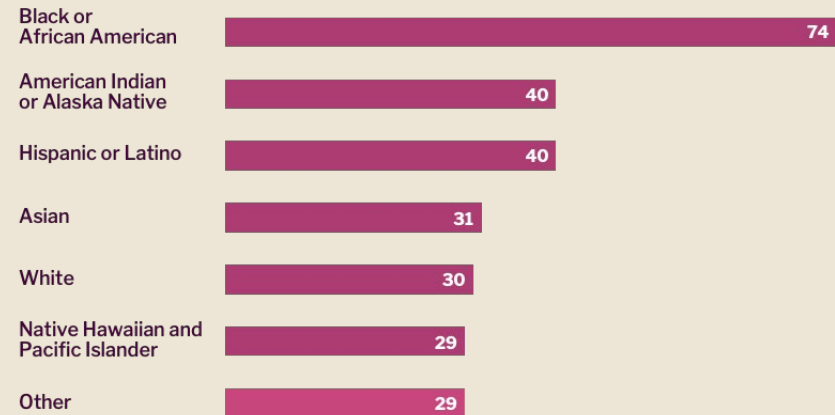
Sources: 2010 Census, respective state/city health departments



statista

## The pandemic's racial disparity

COVID-19 deaths per 100,000 people in the U.S. by race or ethnicity (as of July 30, 2020)



Source: The COVID Tracking Project

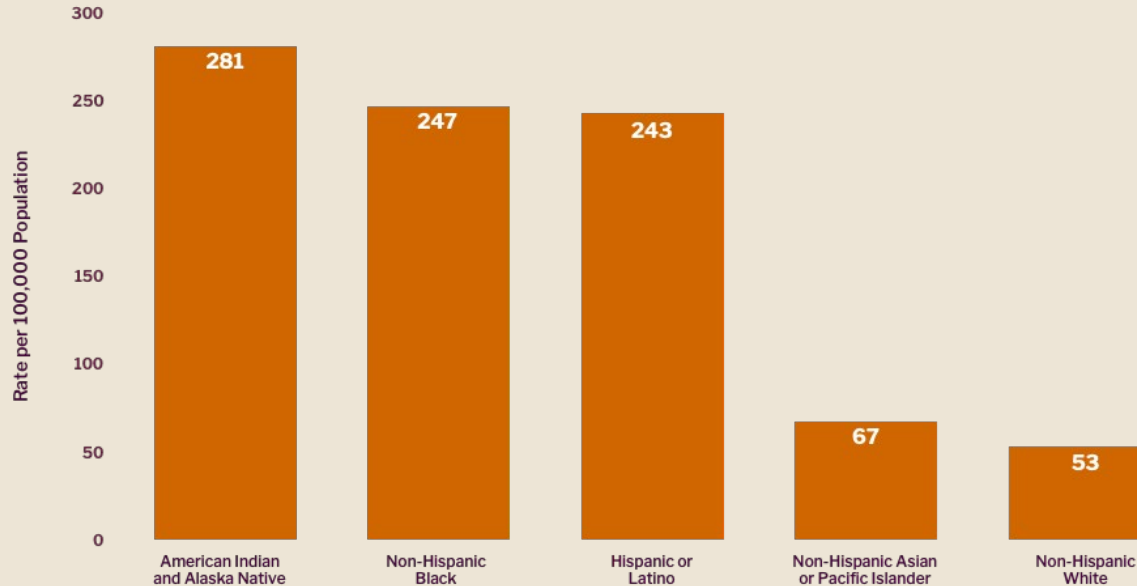


statista

# Hospitalization rates for BPOC have been 5x greater than rates for non-Hispanic White counterparts

Age-adjusted COVID-19 associated hospitalization rates by race and ethnicity

COVID-NET, March 1-July 18, 2020



[cdc.gov/coronavirus](https://cdc.gov/coronavirus)



# Confirmed COVID cases and deaths in U.S. correctional and detention facilities by state

1,205

Affected Facilities

2,127

Total Deaths

420,793

Total Cases

2,007

Total Resident Deaths

342,622

Total Resident Cases

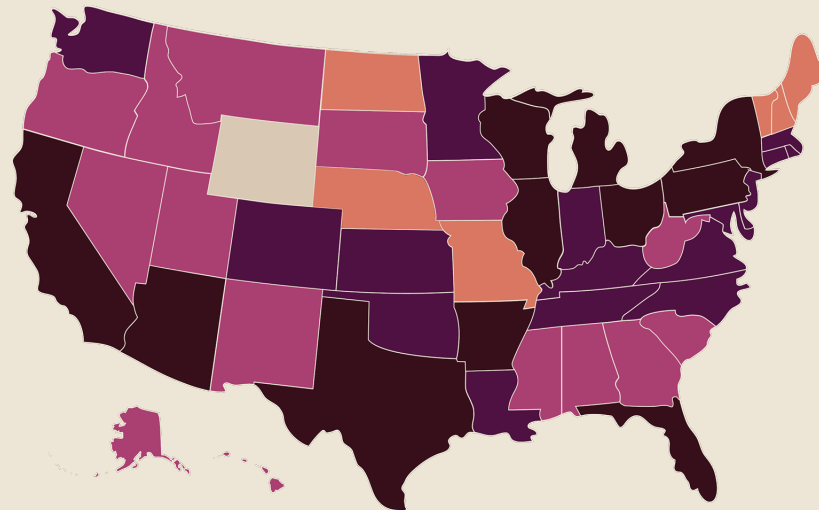
120

Total Staff Deaths

78,171

Total Staff Cases

Last updated Jan. 17, 2021



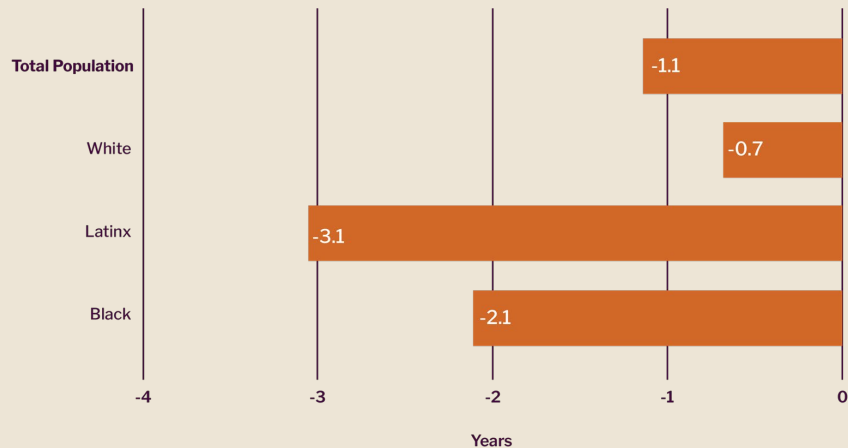
Total Number of Cases: A: 0-100 B: 101-1,000 C: 1,001-5,000 D: 5,001-9,999 E: 10,000+

Jurisdiction	Cases	Deaths	Facilities
California*	74,995	203	78
Texas	40,713	268	119
Michigan	26,856	133	41
Florida*	24,201	213	12
Illinois	16,877	13	42
New York*	16,028	73	55
Pennsylvania*	15,407	90	38
Arizona*	14,788	53	21
Wisconsin	12,932	0	42
Ohio	12,114	146	30
Arkansas*	10,277	1	2
Colorado	9,335	26	25
North Carolina	9,275	67	57
Virginia	8,750	52	41
Tennessee	8,221	40	22
Kentucky	8,177	60	19
Kansas	7,252	18	11

31-Mar-20  
Reported data from

15-Jan-21  
Data Through

## Change in life expectancy under COVID

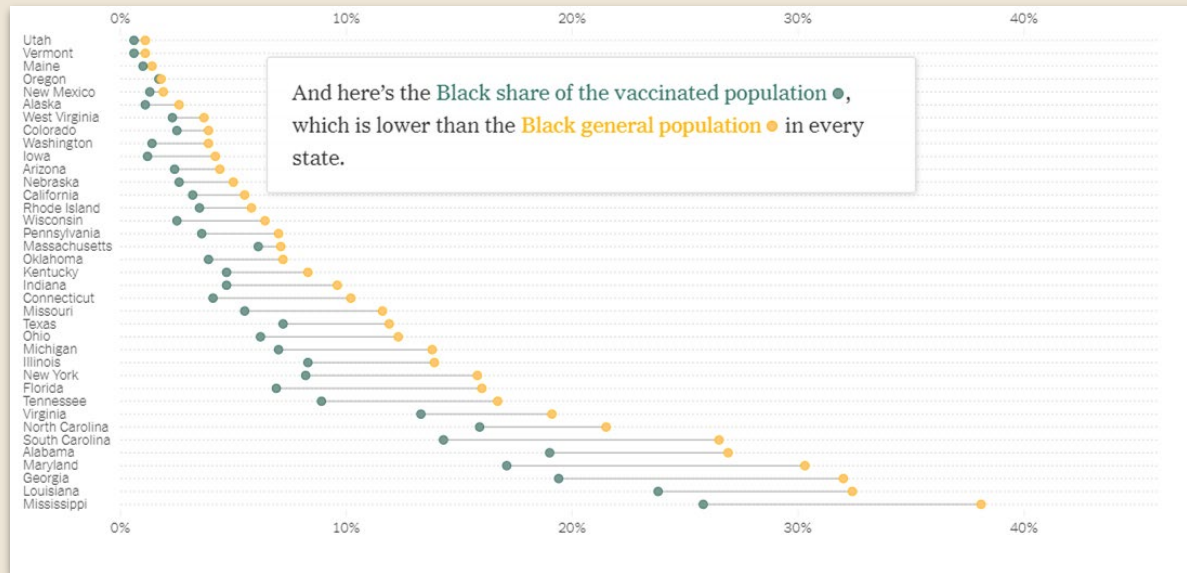


COVID-19 is exacerbating the disparities in life expectancies for the Black and Latinx populations



# Driven by both trust and access issues, the vaccine rollout has also seen significant disparities

Black share of the general population vs the vaccinated population



To-date, the Black share of the vaccinated population is lower than the Black general population in every state

# Disparities, Obesity, and COVID-19

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Economic Status

Underlying Health Conditions

Household Crowding

Pathophysiologic Differences  
in Inflammation



# Debunking myths of COVID-19

## Myths

Young people can't get the virus



I'm healthy, so I don't need to practice social distancing

The virus cannot survive the warm weather



If I have had the COVID-19 virus and am now recovered, I am immune



## Verdict



False



False



False



Probably False

# Next steps for health equity in a post-COVID world

1

We must keep equity at the forefront through activism

2

Maintain social connections while physical distancing to alleviate the pandemic's impact

3

Health care, public health and social services must work together to overcome the racial inequities that COVID-19 has intensified





# Questions

## Upcoming NEBGH virtual events:

- **Mar. 24:** Women, Wellbeing and Innovation: Meet the CEOs!
- **Mar. 30:** Bicoastal Benefits Leaders' Coffee Talks feat. Twitter's Kathleen Rosenbaum
- **Apr. 12:** NEBGH Medical Director's Weekly Update w/ Harvard Epidemiologist Dr. Michael Mina