

County Health
Rankings & Roadmaps

Building a Culture of Health, County by County

Webinar

Public health 3.0 and the future of public health featuring Dr. Sandro Galea
June 20, 2023

countyhealthrankings.org



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YOLANDA LIMAN | Drawing Change

We're all in this together! We imagine a public health system that advances the social determinants of health and prioritizes community wellness, healing, and mutual accountability. Our systems cultivate space and time for creativity, innovation, and joy.

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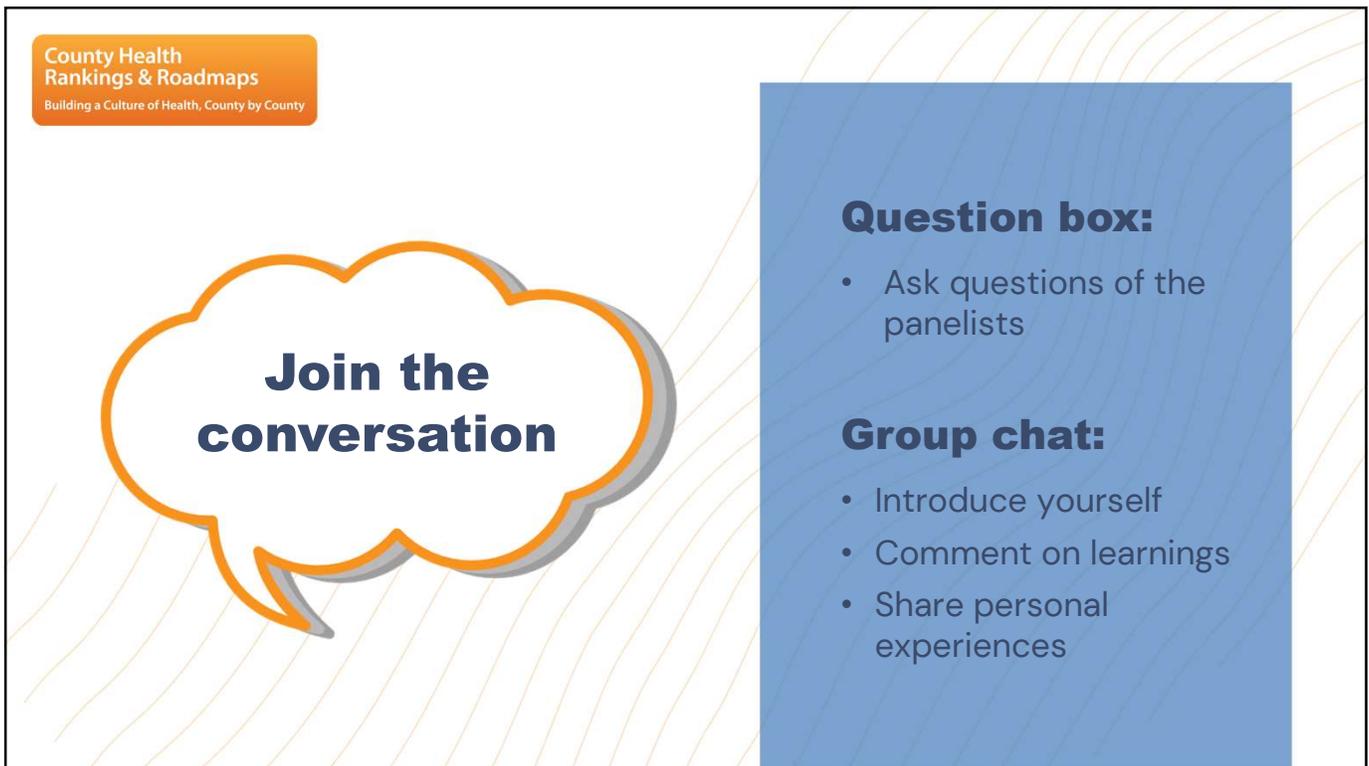


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We value

- Collaboration
- Integrity
- Excellence
- Innovation
- Inclusion
- Courage

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Join the conversation

Question box:

- Ask questions of the panelists

Group chat:

- Introduce yourself
- Comment on learnings
- Share personal experiences

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Guidelines

Share

- ✓ Successes and lessons learned
- ✓ Resources and links
- ✓ Your professional perspective
- ✓ Respectful dialogue



Public Health

WHAT IS OUR ROLE?



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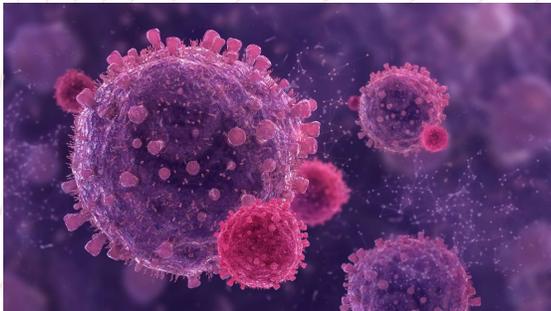
Photo credit: Vladimir Fedotov on Unsplash

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COVID-19



Catalyzed creativity and
innovation in public
health

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Telehealth expansion



Percentage of physicians using telehealth doubled after the pandemic

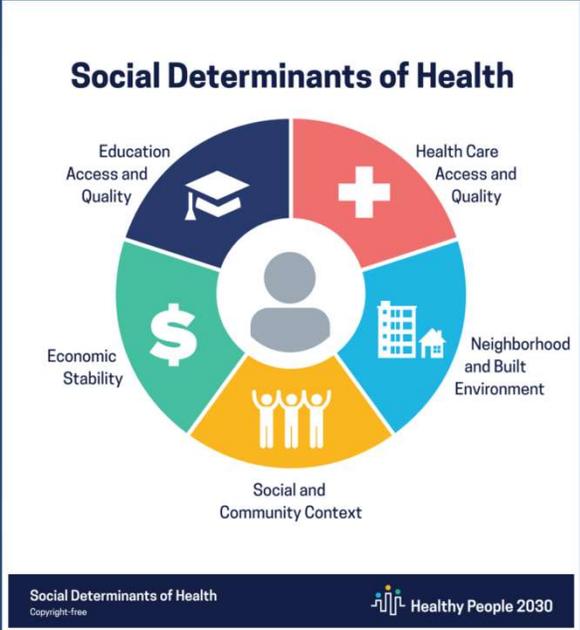
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Equity-centered partnerships

Tribal groups galvanized local organizations to ensure residents received food and medicine.



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Social Determinants of Health

The diagram shows a central person icon surrounded by five colored segments: Education Access and Quality (dark blue), Health Care Access and Quality (red), Neighborhood and Built Environment (light blue), Social and Community Context (yellow), and Economic Stability (green). Each segment contains an icon representing that domain.

Social Determinants of Health
Copyright: free

Healthy People 2030

Public Health 3.0

- Is an upstream approach
- Recognizes social determinants of health
- Responds with equity
- Calls for public health to partner with community

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Breaking down PH 3.0

Implementation recommendations

- 01** Embrace the role of Community Health Strategist
- 02** Cultivate cross-sector partnerships
- 03** Consider accreditation
- 04** Document success with data and metrics
- 05** Enhance public health funding

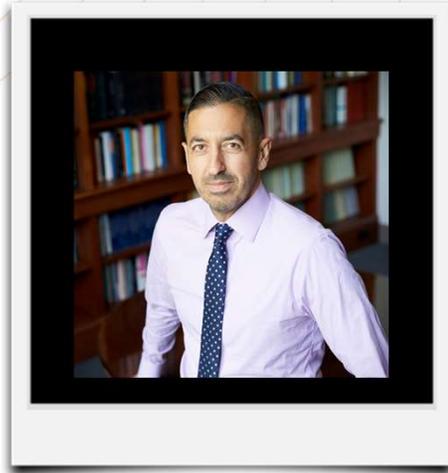
National Association of County and City Health Officials

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Please welcome

Sandro Galea, MD, MPH, DrPH
Dean and Professor
Boston University School of
Public Health



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Join Us! Discussion Group

When: Immediately following the webinar

What: Interactive learning experience,
opportunity to share ideas and ask
questions

How: Zoom

Why: Deepen the webinar learning, allow
further exploration



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“

Once a virus hits the ground, there isn't time to contemplate how the public might react....We need to better understand why people react the way they do and how we can positively influence their behavior

Epidemiology: forging the future: The disease detectives
Time Magazine



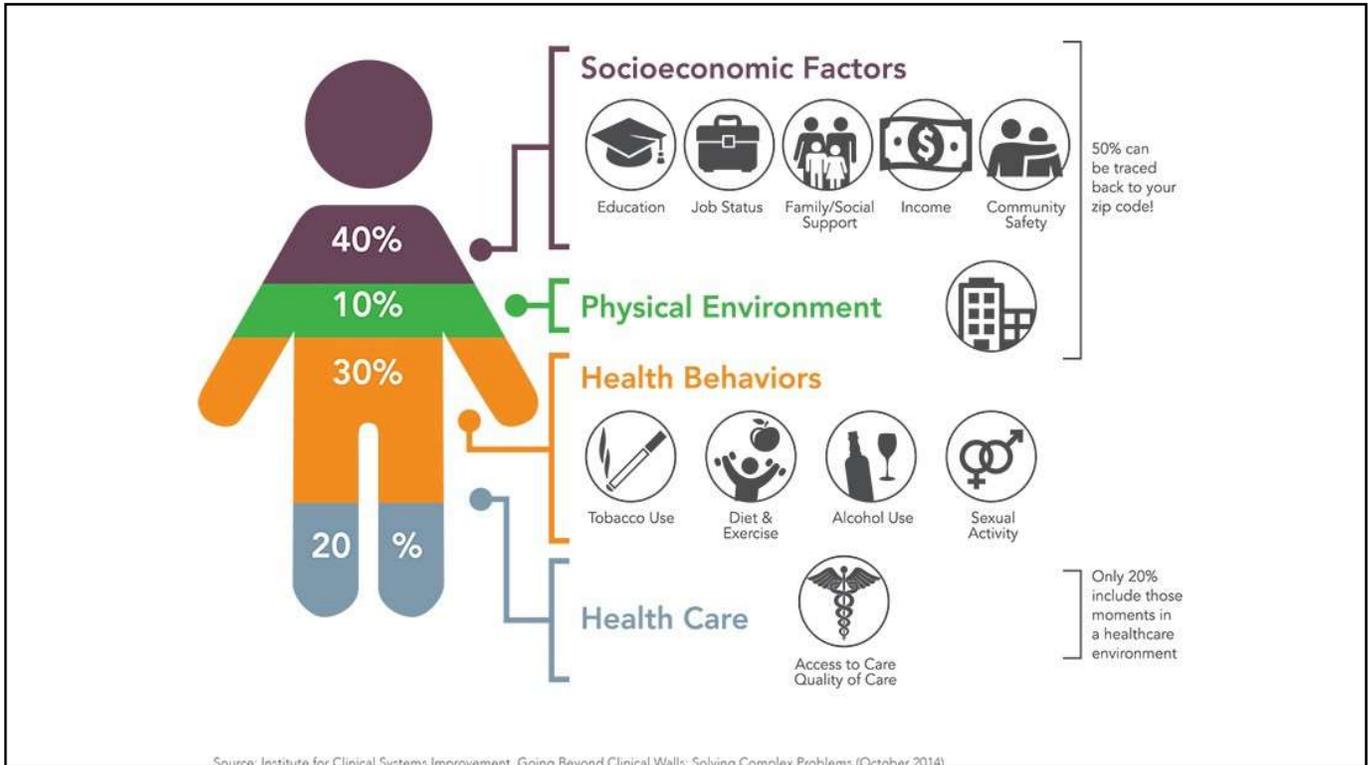
Photo credit: Kelly Davidson

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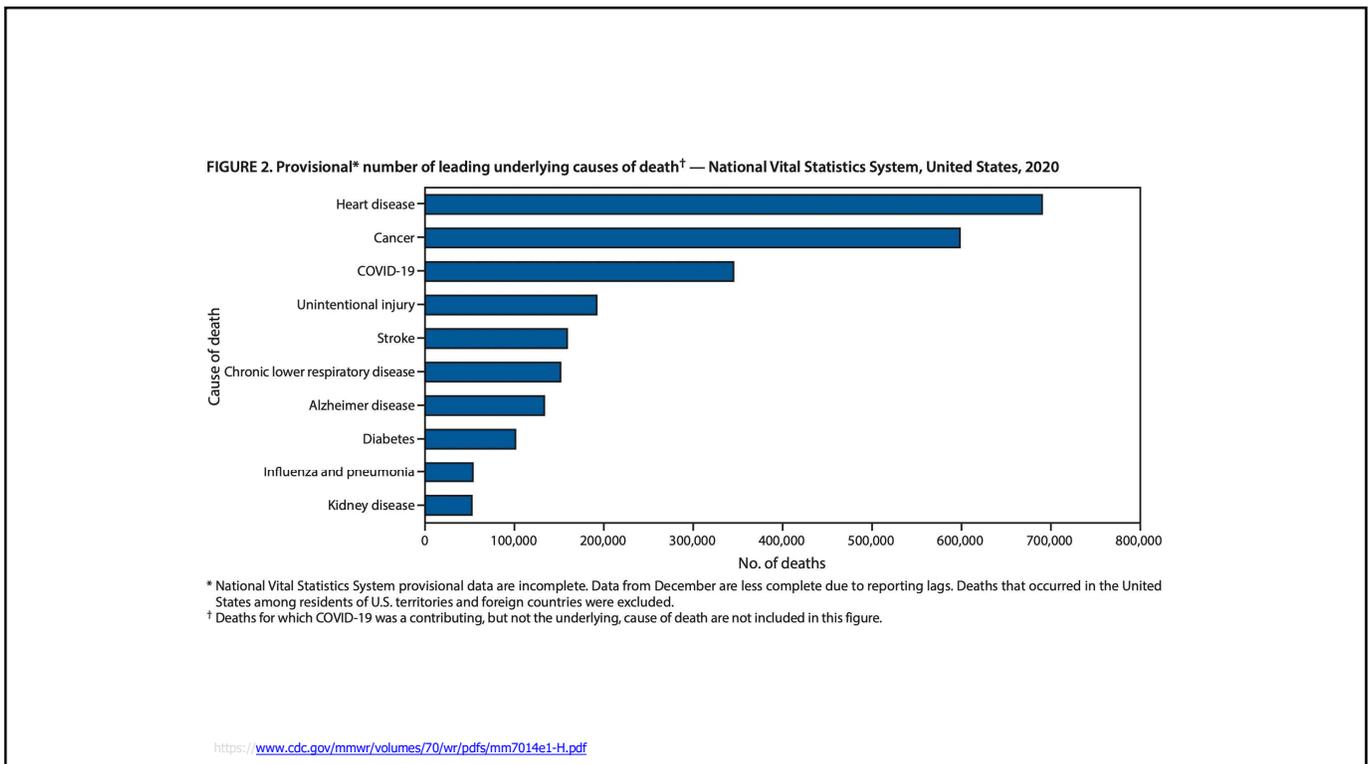


https://en.wikipedia.org/wiki/Blind_Willie_Johnson

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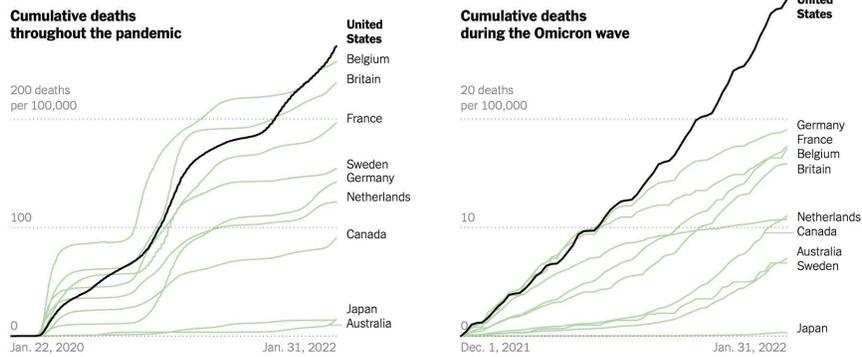
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Cumulative U.S. Covid-19 deaths per capita are highest among other large, high-income countries

Several countries had higher per capita Covid-19 deaths earlier in the pandemic, but the U.S. death toll now exceeds that of peer nations.

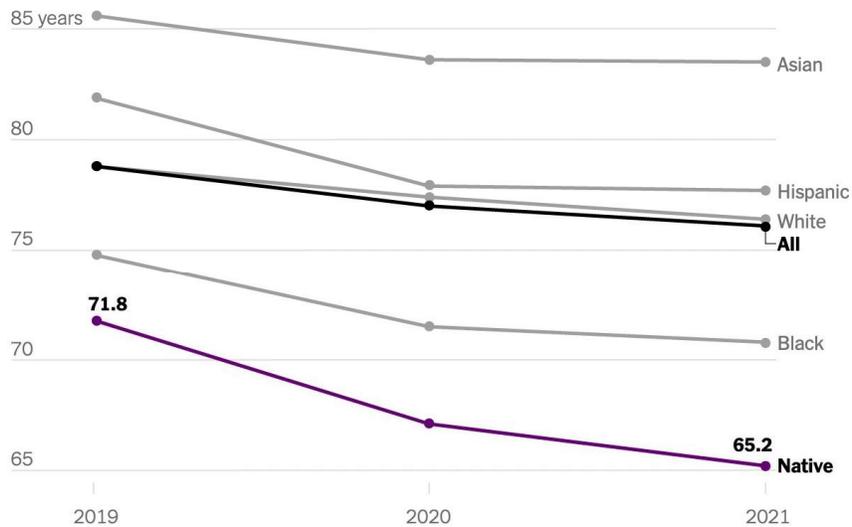


Sources: New York Times database of reports from state and local health agencies (U.S. deaths); The Center for Systems Science and Engineering at Johns Hopkins University (world deaths); World Bank (world populations); United States Census Bureau (U.S. population) - Note: Countries shown are those with the highest gross national income per capita among countries with a population of more than 10 million people.

<https://www.nytimes.com/interactive/2022/02/01/science/covid-deaths-united-states.html>

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U.S. life expectancy



Note: Figures for white, Black, Asian and Native people exclude Hispanic people. Source: The National Center for Health Statistics

<https://www.nytimes.com/2022/09/08/briefing/covid-death-toll-native-americans.html?>

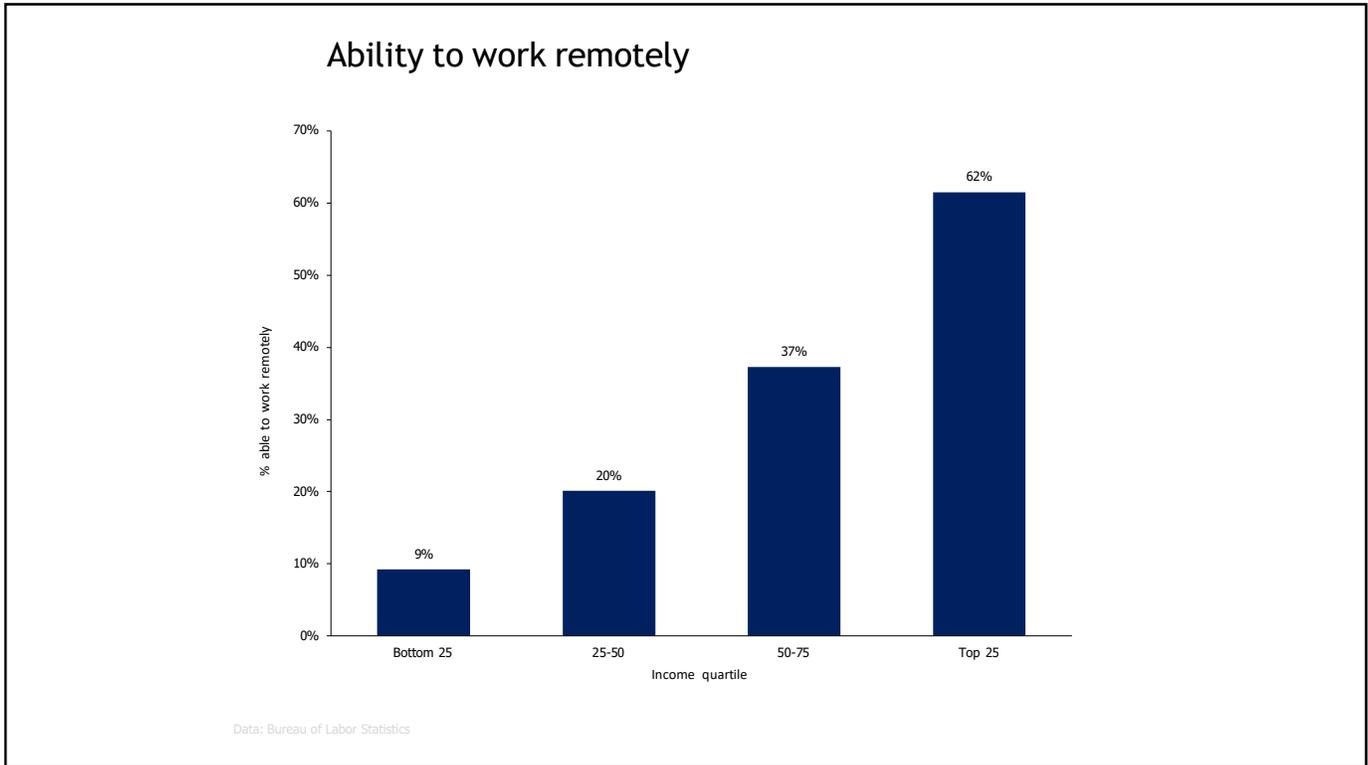
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1. Our social structures before the pandemic
2. Our health before the pandemic
3. Our investments in what could help during the pandemic

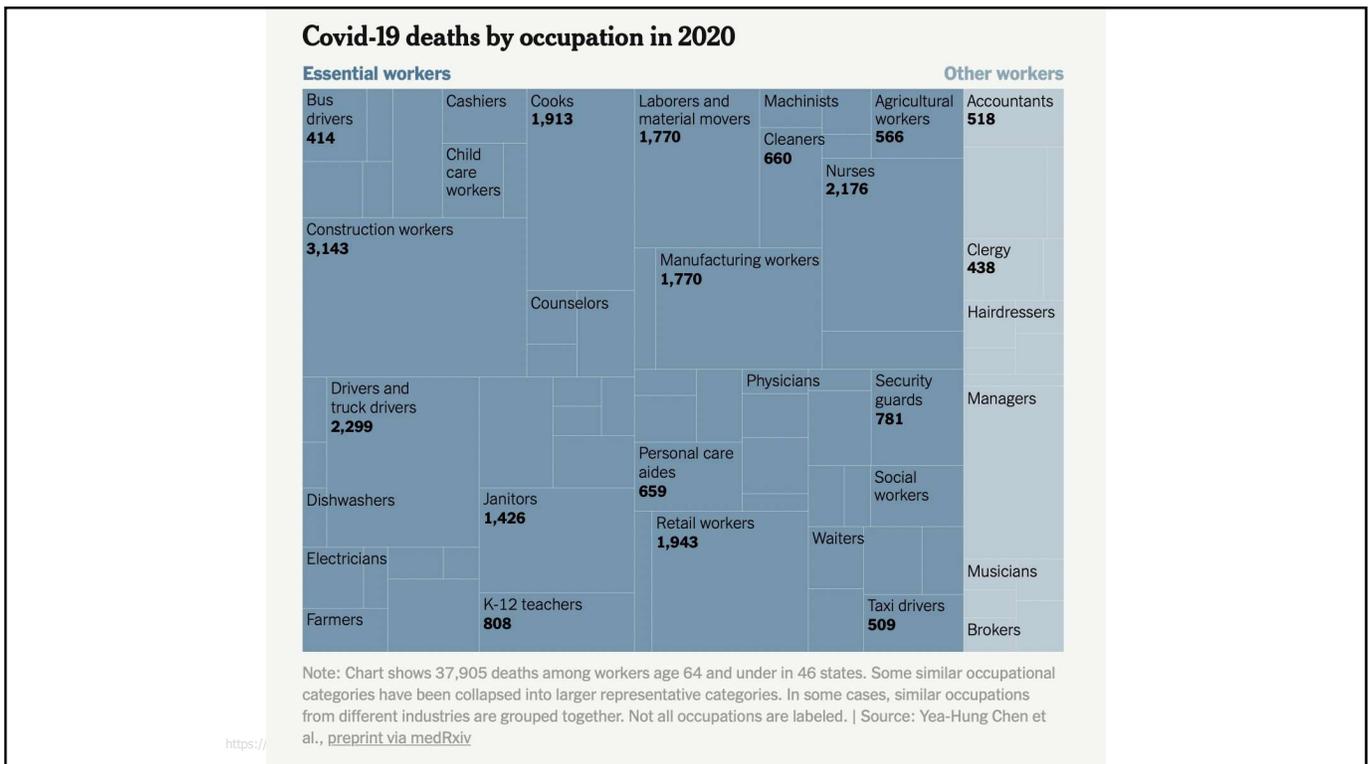
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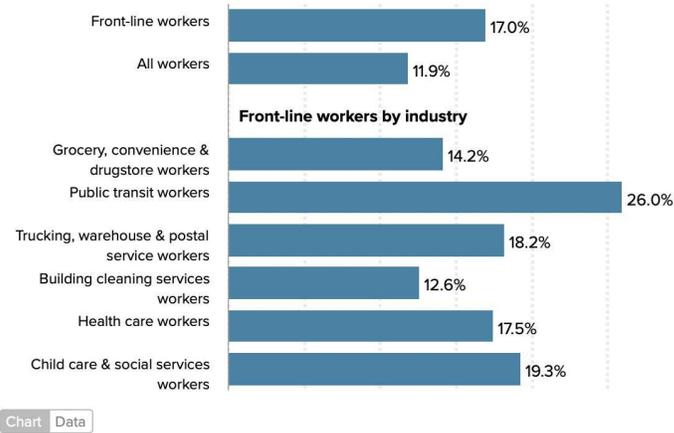
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Black workers are more likely than other workers to be in front-line jobs

Black workers as a share of all workers in a given industry



Notes: The front-line industry categories used here are the categories used in the CEPR report (see Source below for more information). Sample is a 2014–2018 five-year estimate.

Source: EPI analysis of data from the Center for Economic Policy Research (CEPR) report *A Basic Demographic Profile of Workers in Frontline Industries* (April 2020).

Economic Policy Institute

<https://www.epi.org/publication/black-workers-covid/>

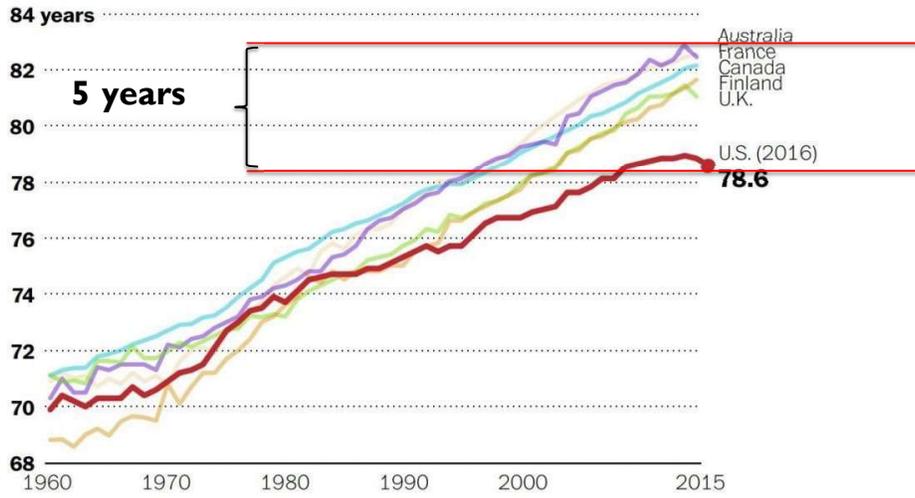
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American exceptionalism

Life expectancy at birth, selected OECD countries

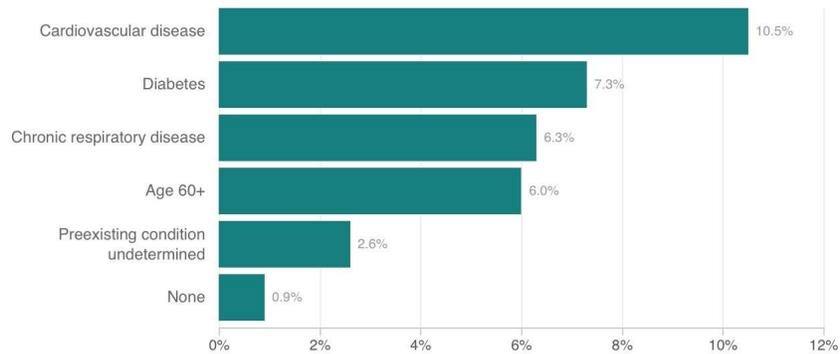


Source: OECD, U.S. Census Bureau

<https://tincture.io/lets-increase-life-expectancy-in-america-in-2018-a-new-year-for-opioids-social-determinants-c82c55d85283>

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Death Rate For COVID-19 Patients In China Higher For Those With Underlying Conditions



Notes: Preexisting condition death rates based on 504 deaths out of 20,812 cases.

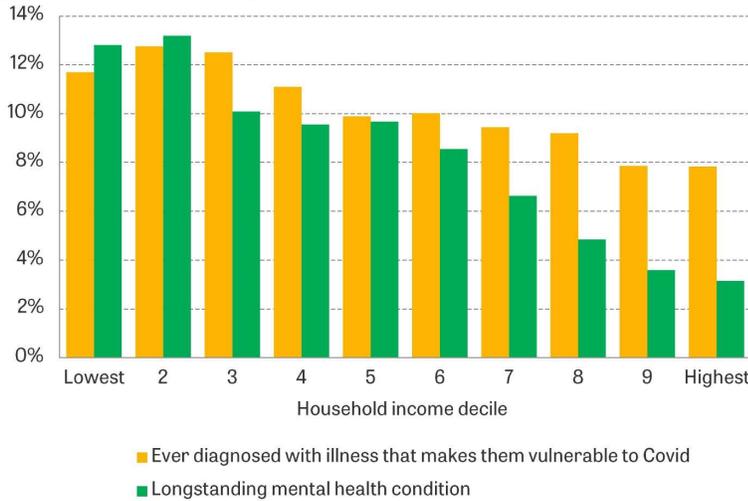
Source: Chinese CDC

Credit: Ruth Talbot/NPR and Chris Zubak-Skeels/Center for Public Integrity

<https://www.npr.org/sections/health-shots/2020/04/01/824874977/underlying-health-disparities-could-mean-coronavirus-hits-some-communities-harder>

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Figure 16. Medical vulnerability to COVID-19 or the effects of social isolation, by income



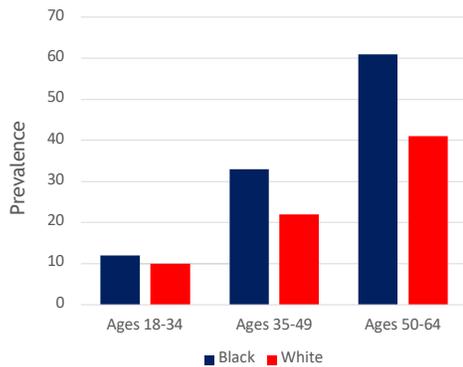
Note: Diagnoses include asthma, congestive heart failure, coronary heart disease, emphysema, chronic bronchitis, cancer or malignancy, diabetes and high blood pressure. Mental health based on self-reported mental health condition lasting or expected to last over 12 months. Deciles based on equivalised net household incomes, using modified OECD equivalence scale.

Source: Authors' calculations using UK Household Longitudinal Survey wave 9 (ever diagnosed) and Family Resources Survey 2018-19 (mental health).

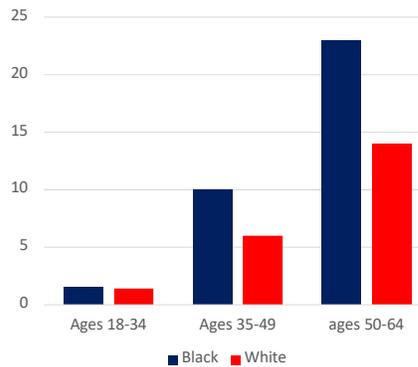
<https://www.ifs.org.uk/publications/14879>

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High blood pressure



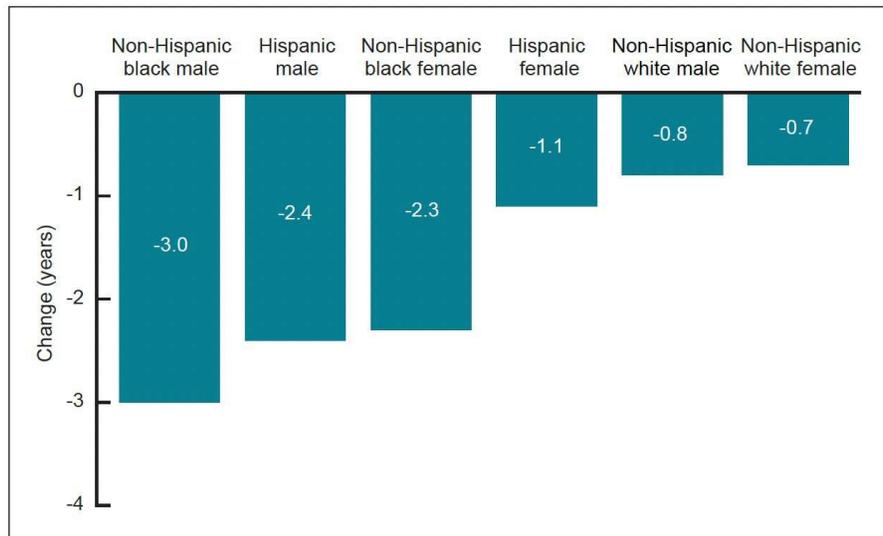
Diabetes



Vital Signs: African American Health. Centers for Disease Control and Prevention Web site. <https://www.cdc.gov/vitalsigns/aahealthindex.html> Accessed October 3, 2019.

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Figure 4. Change in life expectancy at birth, by Hispanic origin and race and sex: United States, 2019 and 2020



NOTES: Life expectancies for 2019 by Hispanic origin and race are not final estimates; see Technical Notes. Estimates are based on provisional data from January 2020 through June 2020.
SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality data.

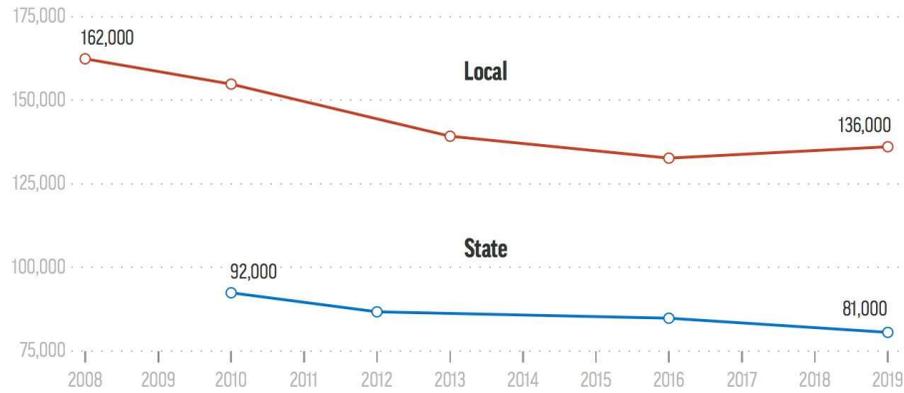
<https://www.cdc.gov/nchs/data/vsrr/VSRR10-508.pdf>

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State and local public health workforces have shrunk



State figures are for full-time equivalent employees in state public health agencies excluding Kansas, New Jersey, Texas and Wyoming, which do not have comparable data. Local figures are for full-time equivalent employees of local health departments.
 Source: Association of State and Territorial Health Officials, National Association of County and City Health Officials /
 Graphic: Hannah Recht/KHN, Francois Duckett/AP

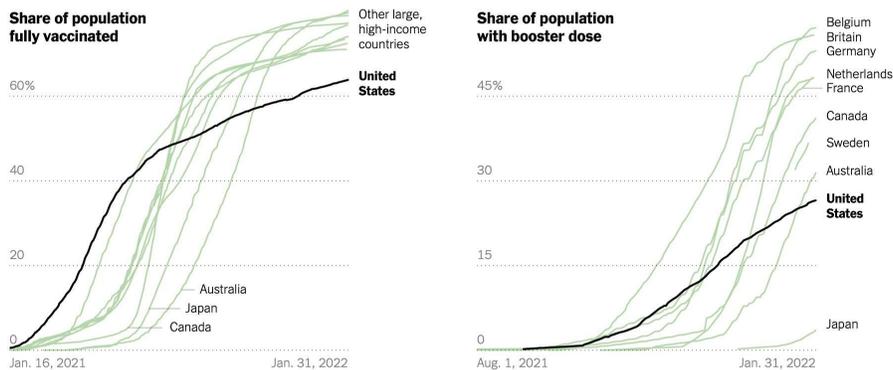


<https://khn.org/news/us-public-health-system-underfunded-under-threat-faces-more-cuts-amid-covid-pandemic/>

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U.S. vaccinations lag behind other large, high-income countries

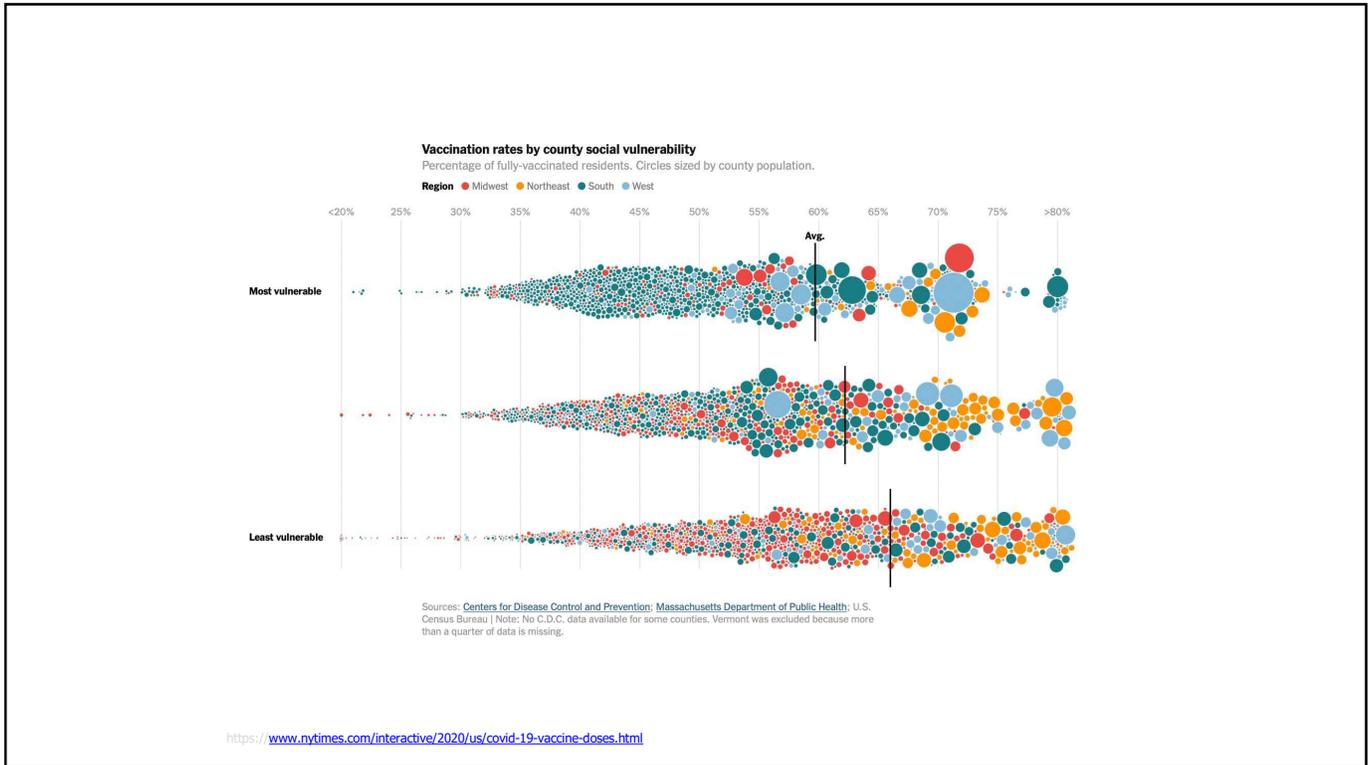
Despite beginning Covid-19 vaccinations months earlier than countries like Japan and Australia, a smaller share of people in the United States are now fully vaccinated.



Sources: Our World in Data (world vaccinations); Centers for Disease Control and Prevention (U.S. vaccinations) • Note: Vaccination and booster data in some countries are available infrequently. Sweden data for booster doses is available only from Jan. 20, 2022.

<https://www.nytimes.com/interactive/2022/02/01/science/covid-deaths-united-states.html>

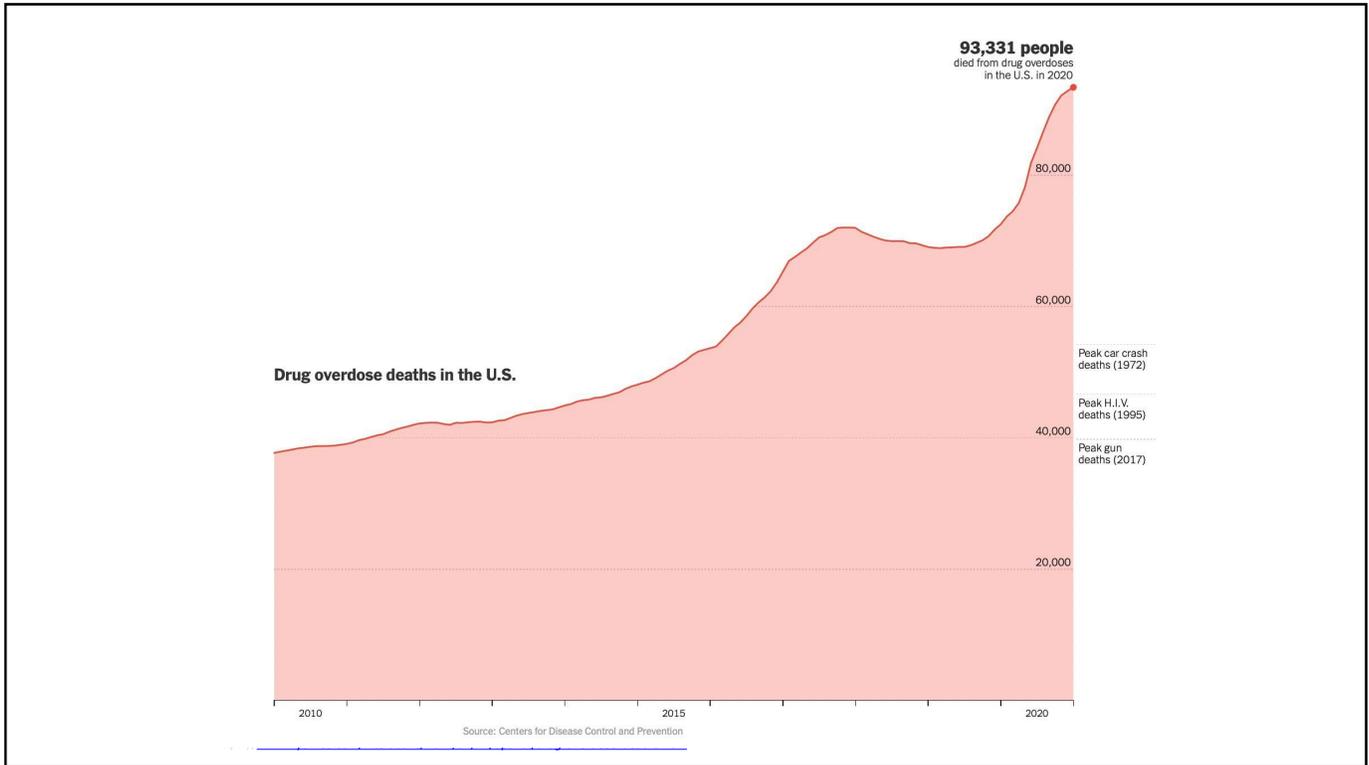
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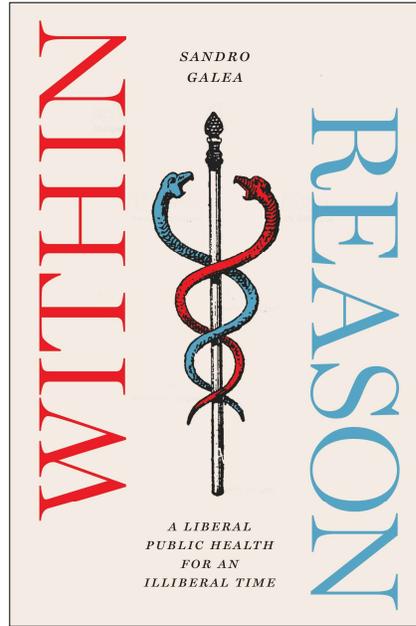
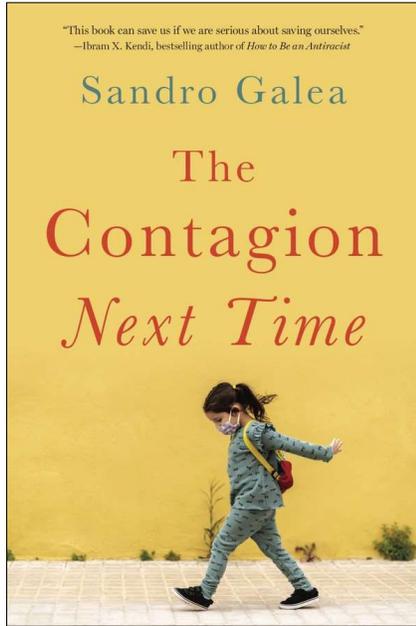
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Thank you

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Questions?



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Click on survey in the chat



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July 18, 2023

**Innovative partnerships to
address mental health**



**Kini-Ana
Tinkham, RN**
Executive director of
the Maine Resilience
Building Network



**Shamaila Khan,
Ph.D.**
Clinical associate
professor
Boston University
School of Medicine &
Boston Medical
Center

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**Eight brand new interviews
exploring civic health!**

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