

A large, detailed 3D rendering of a coronavirus particle, showing its characteristic spherical shape and numerous spike proteins protruding from its surface. The particle is rendered in shades of red and orange, with a textured, almost crystalline appearance. It is positioned on the left side of the frame, partially overlapping the text.

COVID-19 Update

Dr Mark Cunningham-Hill
Medical Director NEBGH

A smaller 3D rendering of a coronavirus particle, similar in appearance to the larger one, positioned at the bottom center of the frame. It also shows the spherical structure and spike proteins, rendered in red and orange tones.

Monday July 6th



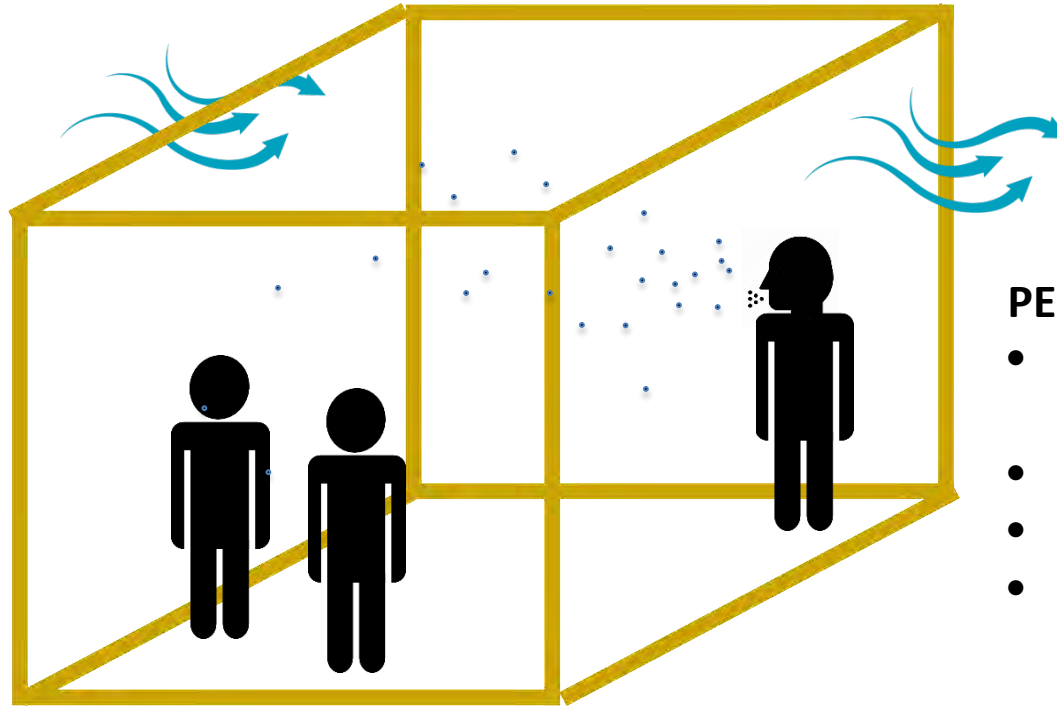
Spread by Aerosols

- Large droplet spread
- Surface contamination
- 239 Experts sent open letter to the WHO
- Increasing evidence that airborne aerosols are a route of infection

What should be considered

SPACE

- Size of the room
- Ventilation rates
- Fresh air mix
- Filtration



PEOPLE

- The number of people
- Use of masks
- Time in the space
- Activity



Implications

- Needs to be considered as part of the return to work strategy:
 - Number of people in the workplace
 - Size of rooms
 - Ventilation rates and fresh air dilution
 - Length of time people spend in the workplace

What's on the horizon?

- G4 EA H1N1 virus
 - Potential to jump the species barrier
 - Scientists have shown it can replicate on human airways
 - Has the potential to be a problem – needs to be watched





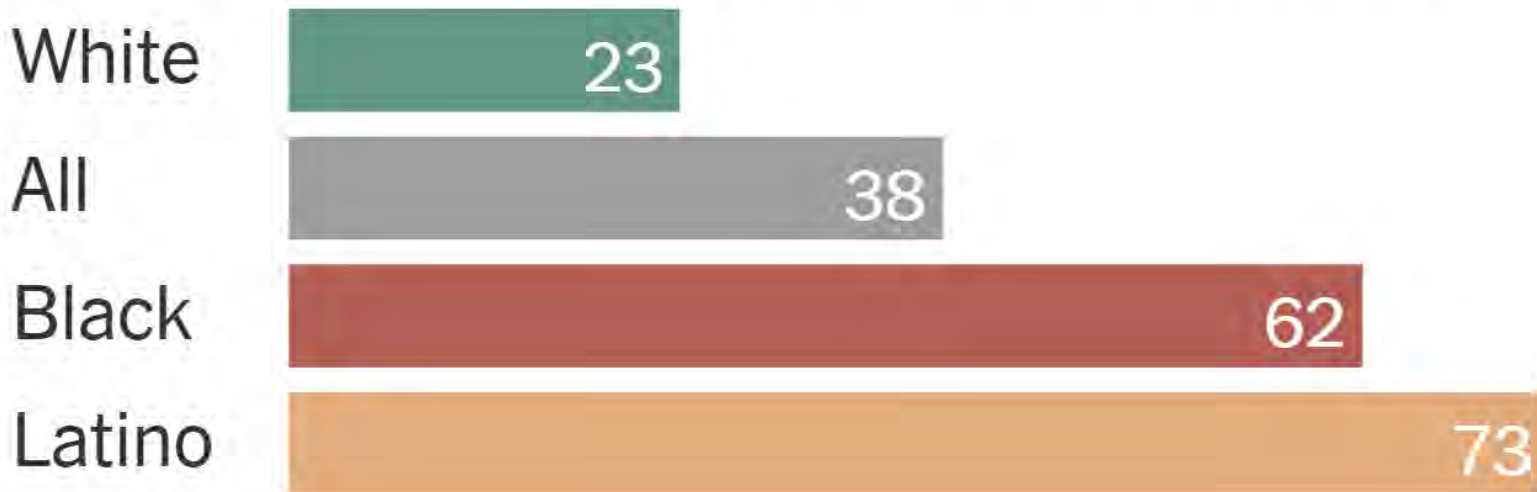
Other Viral threats

- Measles
- Influenza

Promote adult and child vaccination programs before flu season arrives

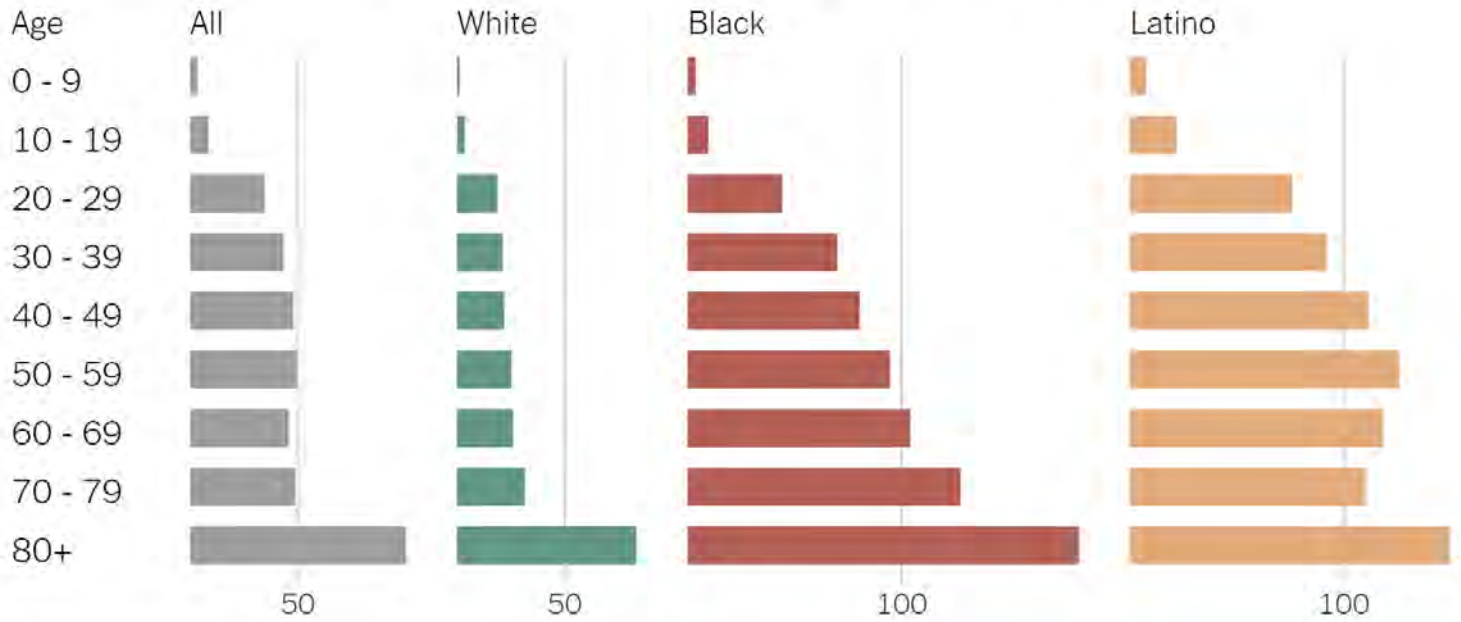
Racial Disparities

Coronavirus cases per 10,000 people



Age and Race

Coronavirus cases per 10,000 people, by age and race



Source: Centers for Disease Control and Prevention | Note: Data is through May 28.



Reasons

- Underlying health conditions
- Income
 - Housing
 - Jobs that cannot be done from home
 - Use of public transportation
 - Access to healthcare
 - Healthy food in neighborhood

FACE MASK EXEMPT CARD

I AM EXEMPT FROM ANY ORDINANCE REQUIRING FACE MASK USAGE IN PUBLIC.

Wearing a face mask poses a mental and/or physical risk to me. Under the Americans with Disability Act (ADA), I am not required to disclose my condition to you.

Department of Justice ADA Violation reporting number: (800) 514-0301

If found in violation of the ADA you could face steep penalties. Organizations and businesses can be fined up to **\$75,000** for your first violation and **\$150,000** for any subsequent violations.

DENYING ACCESS TO YOUR BUSINESS/ORGANIZATION WILL BE ALSO REPORTED TO FTBA FOR FURTHER ACTIONS





Questions