

NAHRO MEMBER
INFORMATION SESSION

**Leading During
COVID-19**

March 12, 2020

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TODAY'S MODERATOR

Georgi Banna, Esq.

NAHRO Director of Policy and Program Development

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BEFORE WE START...



Technical Difficulty?
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Chat feature
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TODAY'S PRESENTERS

Adrienne Todman

Chief Executive Officer
NAHRO

Georges Benjamin, MD

Executive Director
American Public Health Association

Lowel Kreuger

Executive Director
Yakima (WA) Housing Authority

Sunny Shaw

Executive Director
Housing Alliance and Community Partnerships

LEADING DURING COVID-19



Adrienne Todman
Chief Executive Officer

NAHRO



NAHRO

building communities together

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COVID-19
Addressing the Threat

**National Association of Housing
and Redevelopment Officials**
March 12, 2020

Georges C. Benjamin, MD, MACP, FACEP(E), FNAPA
Executive Director
Secretary, Executive Board



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About APHA

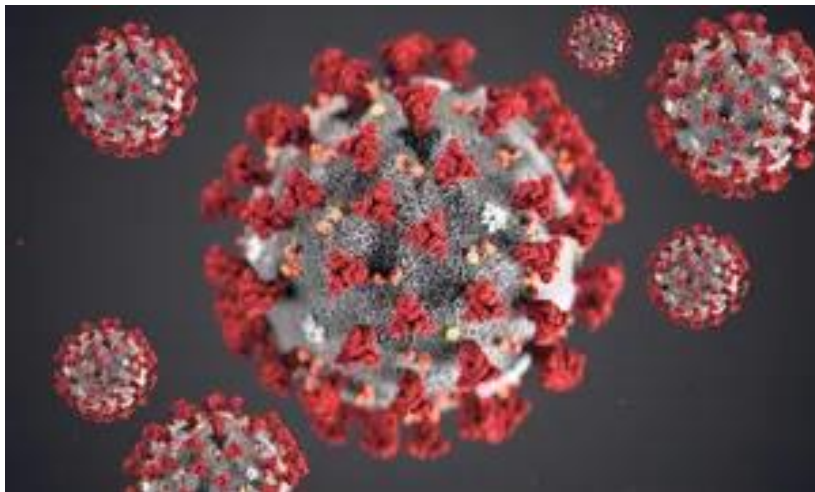
APHA is a global community of public health professionals and the collective voice for the health of the public. APHA is the only organization that combines 140 years of perspective, a broad-based constituency and the ability to influence federal policy to advocate for and improve the public's health.

- Founded – April 18, 1872
- 501C(3) & Nonpartisan
- Over 50,000 individual & affiliate members



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COVID-19/NOVEL CORONAVIRUS



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COVID-19/NOVEL CORONAVIRUS

There Are 3 Epidemics

- **COVID-19** – Emerging Infectious Disease
- **Infodemic** – Misinformation & Disinformation
- **Epidemic of Fear** – Fear of the unknown, complicated by misstatements and poor risk communication by a range of actors in a rapidly moving communication environment; loss of trust; mismanagement by federal officials



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COVID-19/NOVEL CORONAVIRUS

Benjamin's Axioms For Disasters

- Take your own pulse first & take a deep breath
- Access the problem & get the facts
- Make a plan
- Execute your plan
- Be flexible & maintain comfort with ambiguity since no plan withstands the event when it happens



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COVID-19/NOVEL CORONAVIRUS

Definitions

- **Outbreak** - Sudden increase in a disease in a particular time and place. It may affect a small or large
- **Epidemic** - Rapid spread of infectious disease to a large number of people in a given population within a short period of time
- **Pandemic** - An epidemic that has spread across a large region; for instance multiple continents, or worldwide



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COVID-19/NOVEL CORONAVIRUS

Definitions

- **Isolation** – Separation of infected patients for treatment and protection of others
- **Quarantine** – Separation & observation of possible exposed people to see if they have the disease & protect others
- **Reproductive number (R0)** – Number of people that an infective patient will infect
- **Case fatality rate** – Number of people with a disease / 1000 who die



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Disease Identification & Tracking

- Outbreak develops
- Case definition defined
 - Clinical
 - Laboratory
- Disease surveillance
 - Case finding & tracking
 - Lab screening results



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COVID-19/NOVEL CORONAVIRUS

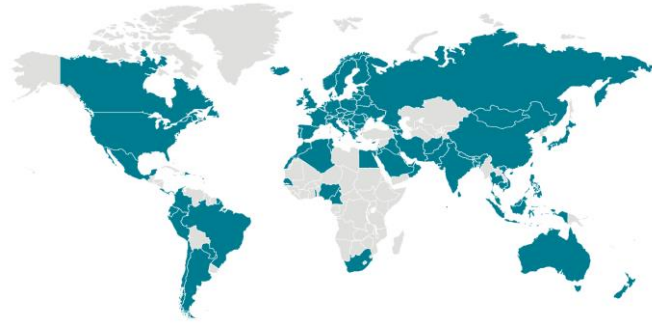
What We Know

Knowledge
is
power!



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COVID-19/NOVEL CORONAVIRUS
Countries With Confirmed Cases

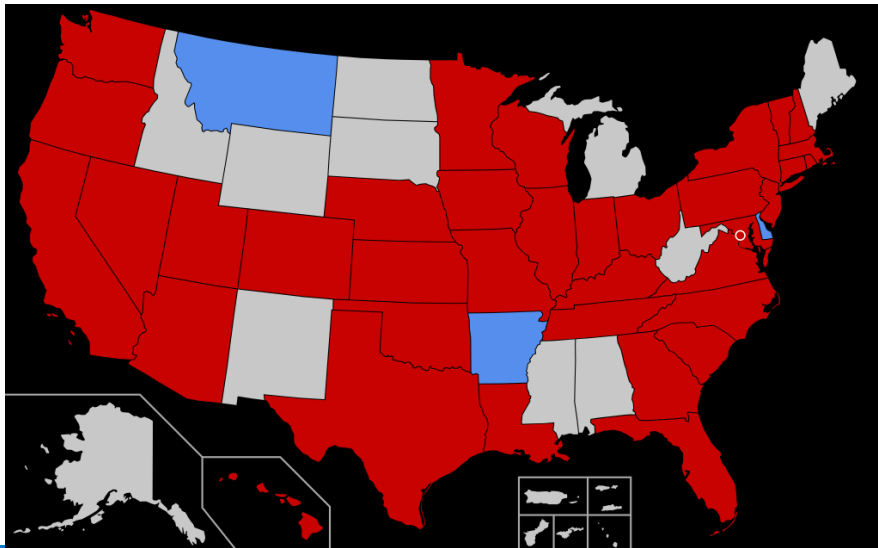


CDC - As of 12:00 p.m. ET March 10, 2020



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3/9/20



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COVID-19/NOVEL CORONAVIRUS

Epidemiological To Date

- Reproduction number (R0) of 2.2
- More infectious than most influenza strains
- Based on early data from China, approximately 80% of cases have mild symptoms, and 15-20% severe
- Case fatality rate thus far is between 1.4% - 3.4%, but is likely to change & possible drop as we begin to learn more about mild cases
- Community transmission now occurring in the U.S
- Primarily respiratory spread assumed (Other ways unclear)



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COVID-19/NOVEL CORONAVIRUS

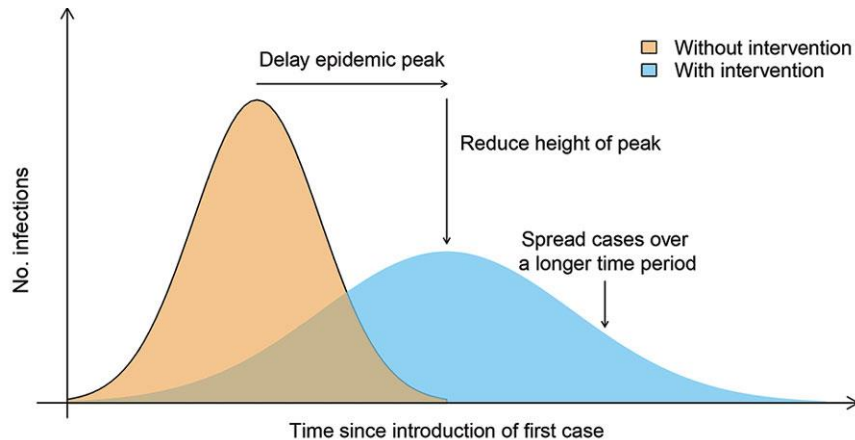
Case Fatality Rates By Comparison

- **Coronavirus – 1.4% - 3.4% (rate evolving)**
- Influenza - 0.1%
- Spanish Flu (1918) - 2.5%
- Sudden Acute Respiratory Syndrome (SARS) – 11%
- Measles (Rubeola, unvaccinated) – 1-3%
- Middle East Respiratory Syndrome (MERS) – 34.4%
- Ebola – 80%



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Nonpharmacological Interventions (NPI)

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Nonpharmacological Interventions (NPI)

- Handwashing
- Respiratory etiquette
- Social distancing
- Travel restrictions
- Selective closure of events, business, gatherings, schools, places of worship

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Therapeutic Interventions

- General supportive care
- Vaccines – In development
- Antiviral agents – Randomized control trails underway
- Others



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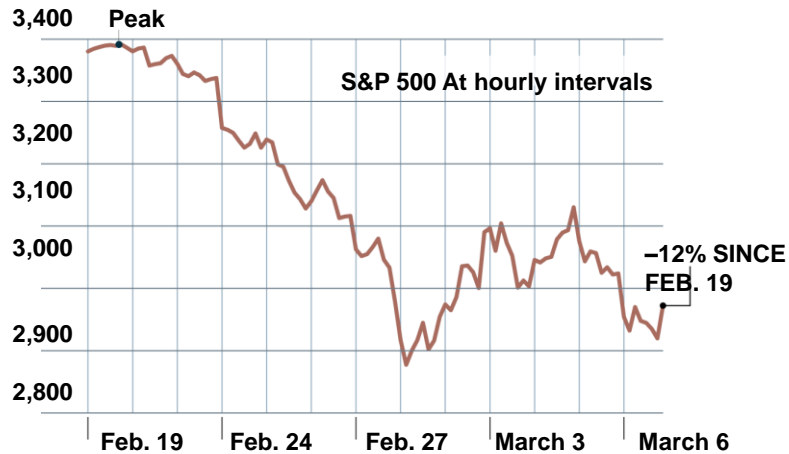
NPI for Infodemic & Fear

- **Facts**
- **Frequent communication**
- **Correct mis/disinformation**
- **Build trust**



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Economic Impact

Source: Refinitiv By The New York Times



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Health Impact

- **Worldwide**
 - Total cases: 113,702 confirmed
 - 4012 deaths
- **USA**
 - Total cases: 647
 - Total deaths: 25

As of 3/10/2020



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We Don't Know A Lot: For Example

- True mortality rate
- Occurrence pattern - Seasonal vs episodic
- Will it become endemic
- All the ways it is spread
- Effects on pregnant women and fetus if any
- Why children are less impacted



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Is This The Apocalypse**Nope!!!**

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We Have Survived Bad Outbreaks Before: 1918 Influenza



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Administrative Steps

- If you have a pandemic flu plan; update and use it
- Discuss the current outbreak with your staff and residents
- Use only credible sources (e.g. CDC, HUD, etc.)
- Check on your supply chain for essential supplies
- Consider deferring large meetings and gatherings
- Inventory and fix essential services that enable residents to stay at home (plumbing, electricity, etc)



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Administrative Steps

- Post the CDC's Coronavirus resources in your common areas; "What to do if you are sick," "Stop the spread of germs," and other CDC posters are available in English, Spanish, and Chinese
- Have flexible policies that permit employees to stay home when they are sick or need to care for a sick family member
- Link to your local health department to receive and share information
- Update emergency contact lists for staff and residents, including contacts for family, caregivers, and health care providers



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Prepare Your Staff

- Actively encourage sick employees to stay home, and develop a plan for your teams to accommodate staff shortages
- Consider waiving the requirement for a healthcare provider's note for employees who are sick, as medical practitioners may be busier than usual
- Have staff practice respiratory & hand hygiene (Cough & sneezing etiquette, and limit close contact with residents)
- Continue routinely cleaning all frequently touched surfaces; according to the CDC, no additional disinfection beyond routine cleaning is recommended at this time



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Prepare Your Residents

- Encourage residents to stock up on important items, such as medications, soap, hand sanitizer and tissues
- Plan for potential school closures and other public institutions are closed, and reassure residents that this is a like a snow storm or other weather emergency
- Make plans to link residents to organizations in the community that can help in case of an outbreak in the area, such as organizations that provide mental health or social support, counseling services, food, and other needs



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Resources

- APHA.org
- CDC.GOV
- WHO.INT
- HUD.GOV

A close-up photograph of a hand holding a blue marker, writing the word "KNOWLEDGE" in large, blue, capital letters on a white surface. A horizontal blue line is drawn underneath the word.



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Discussion



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LEADING DURING COVID-19



Lowel Krueger
Executive Director
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Sunny Shaw
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www.nahroblog.org

www.nahro.org/coronavirus

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