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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TODAY’S PRESENTERS

Adrianne Todman
Chief Executive Officer
NAHRO

Lowel Kreuger
Executive Director
Yakima (WA) Housing Authority

Georges Benjamin, MD
Executive Director
American Public Health Association

Sunny Shaw
Executive Director
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LEADING DURING COVID-19

Adrianne Todman
Chief Executive Officer
NAHRO

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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
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

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

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
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

**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
COVID-19/NOVEL CORONAVIRUS

**Disease Identification & Tracking**

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

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**What We Know**

Knowledge is power
COVID-19/NOVEL CORONAVIRUS

Countries With Confirmed Cases

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

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%
Nonpharmacological Interventions (NPI)

- Handwashing
- Respiratory etiquette
- Social distancing
- Travel restrictions
- Selective closure of events, business, gatherings, schools, places of worship
COVID-19/NOVEL CORONAVIRUS

**Therapeutic Interventions**

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

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**NPI for Infodemic & Fear**

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

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**Transparency**
COVID-19/NOVEL CORONAVIRUS

Economic Impact

S&P 500 At hourly intervals

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
COVID-19/NOVEL CORONAVIRUS

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!!!
We Have Survived Bad Outbreaks Before: 1918 Influenza

Administrative Steps

- If you have a pandemic flu plan; update and use it
- Discuss the current outbreak with your staff and residents
- Use only creditable 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
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