

March 5, 2020

#### COVID-19 by the numbers

- Global: 98,000 cases, 3300 deaths
  - China – 80k cases, 3k deaths. Cases slowing
  - South Korea – 6k cases, 40 deaths
  - Italy – 3800 cases, 148 deaths
  - Iran – 3500 cases, 108 deaths
- US: 13 states, 99 cases, 10 deaths
- Of those 99 cases:
  - 30 travel-related
  - 20 person-to-person spread
  - 49 under investigation
- NJ: 3 presumptive positive cases (not yet confirmed by CDC)

#### COVID-19 basics

- COVID-19: (Corona Virus Disease 2019) vs other coronavirus pandemics
  - COVID-19 – 2019: 98k cases, 3300 deaths, CFR = 3.42%
  - MERS – 2012: 2500 cases, 858 deaths, CFR = 34%
  - SARS – 2003: 8k cases, 774 deaths, CFR = 9.5%
- Incubation period: 2 to 14 days
- Symptoms:
  - Respiratory: fever (100.4 or above), cough, shortness of breath
- Spread through:
  - Coughs/sneezes
  - Touching surfaces with live virus on it, then touching eyes, nose, mouth
  - Close contact with ill persons
- Treatment:
  - No specific treatment
  - Treat the symptoms at home with OTC medications, rest, fluids
  - Severe symptoms may require treatment in hospitals

#### Preventing the spread of COVID-19

- Non-pharmaceutical interventions (NPIs) to limit/prevent spread of disease
  - Personal NPIs
    - Handwashing
    - Minimizing hand contact with eyes, nose, mouth
    - Respiratory etiquette
    - Self-isolation at home if sick
    - Avoid others who are sick
    - Masks recommended for ill persons and those who are directly caring for an ill person
    - Masks not recommended for well persons
  - Community NPIs

- Social distancing
- Closures of facilities where people gather, and cancellation of public events
- Environmental NPIs
  - Cleaning that helps eliminate viruses from frequently-touched surfaces
    - Use products that kill viruses
    - Use products per label instructions
    - Ensure staff understand safe handling/application
    - Clean with these products at recommend frequency

#### COVID-19 response

- CDC response
  - Assessing state and local readiness
  - Tracking stockpiles of PPE across jurisdictions
  - Providing technical assistance and guidance to state HDs
  - Screening travelers from mainland China
  - Not screening travelers from Japan, S. Korea, Italy, Iran
  - Providing information about screened travelers to NJDOH
  - State PH labs are sending presumptive positive tests to CDC lab for confirmation
  - US has 400,000 kits - not currently have enough tests to meet anticipated demand
  - Kits for 1.5 to 1.7 million expected by end of next week
- NJDOH response
  - 24/7 Call center: 1-800-222-1222 (run by NJPIES)
  - Screened travelers at risk and suspected cases entered into CDRSS
  - Providing technical assistance and guidance to local HDs, schools, healthcare facilities, long-term care facilities
  - Clinical guidance to healthcare facilities and healthcare providers
- Morris County Office of Health Management response
  - Coordinating information and supplies between NJDOH and local HDs
  - Providing support and guidance to local HDs
  - Coordinating with County OEM on protection of first responders throughout County
- Montville HD response
  - Active monitoring of CDRSS cases categorized as high-risk
    - Household contact with a symptomatic confirmed case without using recommended precautions
    - Traveled from Hubei Province within the previous 14 days
    - Quarantine (home or otherwise), controlled movement, no public activities
    - Montville has not had any high risk individuals reported through CDRSS
  - Active monitoring of CDRSS cases categorized as medium risk-A
    - Close or household contact with a symptomatic confirmed case while using recommended precautions
    - On aircraft within 6 feet of confirmed case
    - Stay home, avoid public settings, limit public activity, social distancing
    - Montville has not had any medium risk individuals reported through CDRSS

- Passive monitoring of CDRSS cases categorized as medium risk-B
  - Traveled from mainland China (not Hubei) and no high-risk exposures as above
  - Stay home, avoid public settings, limit public activity, social distancing
  - Montville has passively monitored less than 10 medium risk-B individuals reported through CDRSS
- Dispensing information to the public to include:
  - Township website
  - Nixle system
  - Newspapers and online local news outlets
  - Electronic display boards at Township Building and Police HQ
  - Posting of notices in Township buildings
  - Mailings
- Isolation/Quarantine
  - Isolation – separating sick people from those who are well, ordered by HO
  - Quarantine – separating and restricting the movement of those who were exposed but have not yet become sick, ordered by HO
  - Legal issues must be considered, especially for those unwilling to voluntarily comply. Court hearings may be required.
- If recommended/required, Montville HD can issue closures of public facilities and cancellation of public events, taking care to carefully follow legal counsel while doing so
- If recommended/required by CDC/State, Montville HD can set up POD (Point of Distribution) event to distribute anti-viral medications from CDC/State
- If recommended/required by CDC/State, Montville HD can set up POD event to distribute vaccinations from CDC/State
- Authority
  - If state declares a public health emergency, NJDOH has overall authority
  - If state does not declare a public health emergency, NJDOH or local Boards of Health has overall authority
  - If Governor declares a state of emergency, state government has overall authority
  - Local Boards of Health can declare and define what is a nuisance in all public or private places within its jurisdiction
  - Local Boards of Health can prohibit or remove any nuisance and all causes of disease that are injurious to the health of the inhabitants therein
  - Local Boards of Education has the authority to close a public school, likewise, the body that governs a private school has the authority to close it
  - Local Health Departments have the authority to close child-care centers

Assumptions going forward:

- Multiple NJ communities will be impacted simultaneously
- Presumed positive and/or CDC-confirmed cases may be isolated/quarantined for significant time periods (up to 14 days)
- Some cases/suspected cases may not comply with orders to isolate/quarantine from healthcare providers and/or public health officials
- Antiviral medications may not become available or may be in limited supply

- Vaccine may not become available or may be in limited supply
- Community NPIs may become necessary

Montville Health Department recommendations to Township:

- Post notices at entrances of Township buildings to public reminding them to wash hands, avoid touching face, cough/sneeze into elbows, avoid ill persons, and stay at home if ill
- Continue environmental NPI's for Township Buildings and equipment
- Continue coordinating with Morris County OEM for their guidance/support in protecting first responders
- Inform PD of addresses where residents are being monitored so that if first responders are called to that address, they are notified to wear PPE
- Legal preparedness regarding potential involuntary isolation/quarantine of ill or suspected ill persons, and instituting community NPIs