

# PUTNAM COUNTY DEPARTMENT OF HEALTH Highlights and Events

# 20 19

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## PREVENT.

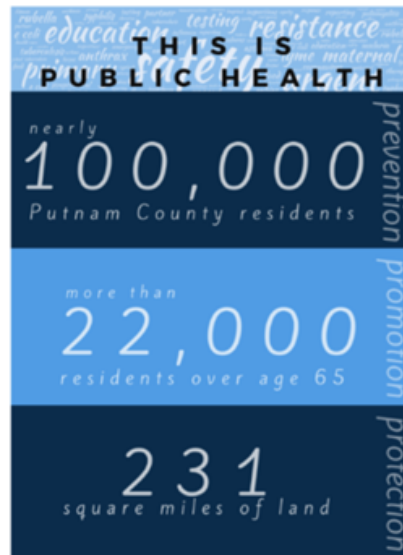
- Collaborated with **every school district** in Putnam County to offer no-cost flu vaccines to students and staff.
- Planned and conducted a **full-scale exercise** to test asset management receipt and delivery which ensures preparedness in the case of a **public health emergency**.
- Maintained a focus on influenza prevention with **3,520 immunizations** given to residents.

## PROMOTE.

- Maintained rank **among the healthiest** counties in the state, according to the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute.
- Trained over 300 **Early Intervention service providers** with GoToWebinar.
- More than 80 representatives from **44 agencies** gathered together for **Public Health Summit IX**.
- Hosted 2 locations for The 10th Global BIG Latch On to promote **breastfeeding**.

## PROTECT.

- Isolated and monitored one measles case to **prevent** spread of this communicable disease.
- Hosted **over 200 attendees** at the "Educating Those Who Feed Us," **13th annual Food Operators Expo**.
- 371 residents attended two **household hazardous waste** drop off days where over 8,000 gallons of chemicals were safely collected.
- Maintained a robust **Medical Reserve Corps** with over 80 volunteers.



### OUR MISSION

The mission of the Putnam County Department of Health, nationally accredited by the Public Health Accreditation Board (PHAB), is to improve and protect the health of the Putnam County community, composed of nearly 100,000 residents.

### OUR CORE SERVICES

Core services include community health assessment, disease surveillance and control, emergency preparedness, environmental health protection, family health promotion and health education.

## PREVENT.

- Preventing the spread of **communicable diseases** by investigating 1,926 disease reports.
- Educated over 90 attendees at the second annual **Fall Prevention Expo**, held in **collaboration** with the Putnam County Fall Prevention Task Force.
- Engaged **employees in wellness** offerings such as: yoga, zumba and bootcamp classes as well as lunchtime learning topics ranging from **nutrition** to **immunization** awareness.

## PROMOTE.

- Continued to support the **Strategic Plan** and the requirements to meet **reaccreditation**.
- Maintained a culture of **Quality Improvement** by continuing customer satisfaction surveys.
- United **community partners** to assess current community health and guide community **health improvements**.
- Supported media relations and promoted community awareness with **198 health-related stories** in print and online publications.

## PROTECT.

- Ensured **food safety** and **sanitation** in local establishments by performing **666 inspections**.
- **Investigated** 9 reports of **food-borne illness** and identified and corrected 76 critical health hazards.
- Regulated **32 public beaches** and initiated a new **drone** surveillance program primarily focused on **identifying** Blue-green Algae blooms.
- **446 rabies investigations** resulted in 35 people treated for "Reasonable Exposure Probability".

- Continued **Emergency Preparedness** efforts in collaboration with **5 County agencies**.
- Participated in **disaster recovery** planning with Federal, State and local partners.
- Hosted more than **100 students** from Putnam County at the 5th annual **Teen Health Day**.
- 357 animals vaccinated against **rabies**.

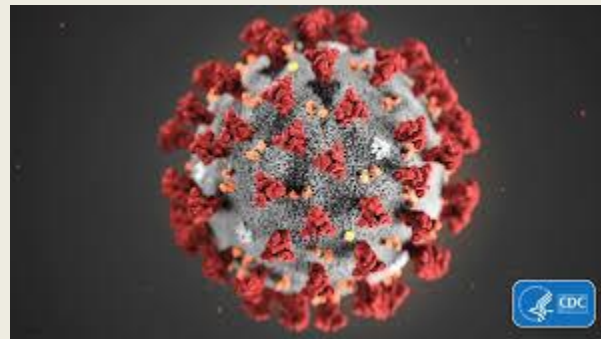
- Enhanced community relations through creation of **two new facebook pages**: Early Intervention Community Connection and Medical Reserve Corps.
- Maintained and **grew support** on social media through two existing facebook and twitter pages: PutnamHealthNY and Putnam Parents.
- Offered two no-cost sessions of the evidence-based smoking cessation program, **Freedom from Smoking**.

- Trained Medical Reserve Corps volunteers regarding **tick borne illnesses** and influenza.
- Public Health Nurses distributed **133 Narcan Kits** at various trainings for law enforcement, school nurses and camp staff.
- Maintained website to **notify residents** of beach closures due to **Harmful Algal Blooms** in public water bodies.
- Oversaw 32 **environmental health regulation** enforcements.

# 2019 Novel Coronavirus



**February 18, 2020**  
**Update for the**  
**Putnam County Legislature**



# Overview



- Coronavirus and 2019-Novel Coronavirus (History)
- Statistics
- Signs and Symptoms
- High-Risk Individuals
- Treatment
- Precautions
- Putnam County Focus

# COVID-19 Response Guidance



- **New York State Department of Health**
- **Centers for Disease Control and Prevention**
- **World Health Organization**
- **Conference Calls**
  - **CDC**
  - **White House and Homeland Security**
  - **NYSDOH**
  - **NACCHO (62 Counties)**
  - **New York City**

# COVID-19 Coronavirus



- **Situation is rapidly evolving**
- **Serious public health threat**
  - Declared a “Public Health Emergency”
  - Level 4 Travel Advisory “Do Not Travel”
- **Epidemic versus Pandemic**
  - Epidemic
    - Infectious disease
    - Spreads rapidly
    - More cases than usually expected
  - Pandemic (COVID-19)
    - Epidemic
    - Global in nature
    - Impacts a large number of people

# Types of Human Coronaviruses



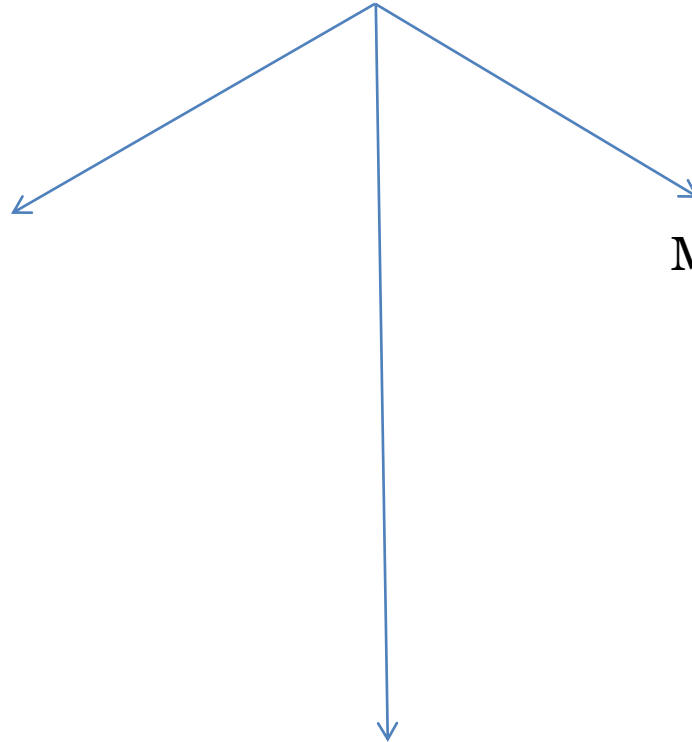
- **Named for crown-like spikes on surface**
- **4 main sub-groupings: alpha, beta, gamma and delta**
- **Seven different coronaviruses that can infect humans**
  - 4 common with mild to moderate illness: 229E, NL63, OC43, HKU1
  - 3 newer with moderate to severe illness:
    - SARS-CoV
    - MERS-CoV
    - COVID-19

# Coronavirus

SARS (2003)

MERS (2012)

**COVID-19**  
SARS-CoV-2  
2019-nCoV  
Novel Coronavirus



# History



- **Wuhan City, Hubei Province, China**
- **29 Countries**
  - Australia, Belgium, Cambodia, Canada, China, Egypt, Finland, France, Germany, Hong Kong, India, Italy, Japan, Macau, Malaysia, Nepal, Philippines, Russia, Singapore, Spain, Sri Lanka, Sweden, Taiwan, Thailand, The Republic of Korea, United Arab Emirates , United Kingdom, the **United States of America (15)**, and Vietnam
- **Returning travelers from Hubei Province**
  - Mandatory quarantine at federal facility if symptomatic
- **Returning travelers 10,000/ day –decreasing daily**
  - American citizen, lawful permanent residents, and family members
  - Directed to 11 airports (Atlanta, Chicago, Dallas Fort Worth, Detroit, Honolulu, JFK, LAX, Newark, San Francisco, Seattle-Tacoma, Washington Dulles)
  - Undergo health screening by CDC
  - Potential for some level of restriction based on travel history and symptoms
    - Movement – **Home restricted movement** or quarantine
    - Monitoring – **Active-monitoring** or hospitalization



# Travel to China

## Hubei Province

Assess Signs and Symptoms

SOB Cough  
Fever

Asymptomatic

Taken to Medical  
Facility

14-Day Quarantine

Not able to complete  
travel itinerary

Not able to complete  
travel itinerary

## Mainland China

Assess Signs and Symptoms

SOB Cough  
Fever

Asymptomatic

Taken to Medical  
Facility

Travel to final  
destination

Not able to complete  
travel itinerary

Local health  
department notified

14-Day Home  
Restricted Movement  
with Active  
Monitoring

# Most Recent Statistics

- **Dynamic and Fluid**
- **15 Confirmed cases in the U.S.**
- **42 States and Territories with PUI**
  - PUI is a symptomatic person with known high risk exposure

<b>People Under Investigation (PUI)</b>			
	<b>United States</b>	<b>New York State (w/o NYC)</b>	<b>New York City</b>
<b>Positive</b>	15	0	0
<b>Negative</b>	392	19	6
<b>Pending</b>	60	0	0

# Signs and Symptoms



- **Fever**
- **Cough**
- **Shortness of Breath**
  - Symptoms may appear in as few as 2 days or as long as 14 days after exposure
  - Mild to moderate respiratory symptoms in U.S.
  - Resembles Influenza!!!!

# Testing



- **Conducted by the CDC**
  - Wadsworth Lab seeking approval to accept samples
- **Specimens**
  - Bronchial (upper respiratory)
  - Sputum (lower respiratory)
  - Serum
- **Real-Time RT-PCR**
  - RNA

# High-Risk Individuals



- **Chronic Lung Disease**
- **Diabetes Mellitus**
- **Cardiac Disease**
- **Renal Disease**
- **Immunosuppressed**
- **Immunocompromised**
- **Pregnant**

# Treatment



- **Supportive Care**
  - Hydration
  - Maintain End Organ Support
    - Dialysis
    - Mechanical Ventilation
- **No vaccine**
- **No antibiotics**

# Precautions



- Avoid close contact with ill people
- Avoid touching your eyes, nose and mouth
- Stay home when you are sick
- Cover your cough or sneeze
- Clean frequently touched objects and surface
- **Wash your hands often with soap and water for at least 20 seconds (hand sanitizer if not able to wash hands)**

# Healthcare Worker Precautions



- **Standard Precautions**
- **Contact Precautions**
- **Airborne Precautions**
- **Possible Coronavirus**
  - Gloves
  - Gown
  - N-95 mask (or higher-level respirator)
  - Eye protection



# Research



- **Develop Vaccine**
- **Investigate treatments**
  - Tamiflu
  - Anti-viral HIV drugs
- **Better understand the spread**
- **Assess future implications**

# Putnam County Focus



- **Direct dissemination of information to RESIDENTS**
  - Press Release
  - Social Media
  - Website – Putnam County, CDC, and NYSDOH
- **Direct dissemination of information to PARTNERS**
  - Putnam Hospital Center
  - Healthcare Providers
  - School Districts
  - Putnam County Executive, Correctional Facility, Emergency Services, Legislature, Probation, Sheriff, Department Heads
  - Local law enforcement
  - Civic organizations

# Putnam County Focus



- **Staying informed of most current recommendations**
- **Assessing current resources within the County**
- **Identifying secure location for potential isolation**
- **Ensuring staff are fit tested**
  
- **Remember the risk in the U.S. remains low**
- **The Putnam County DOH is prepared**

# Questions



**???**