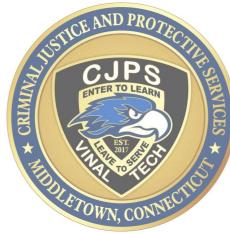


COVID-19

2019 nCoV

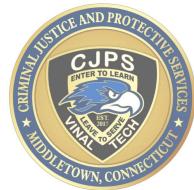


Vinal Tech EOC

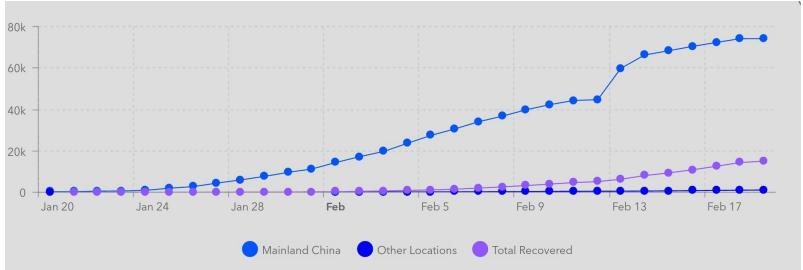
# Weekly SitRep

Thursday, February 20, 2020

0900 HRS EST

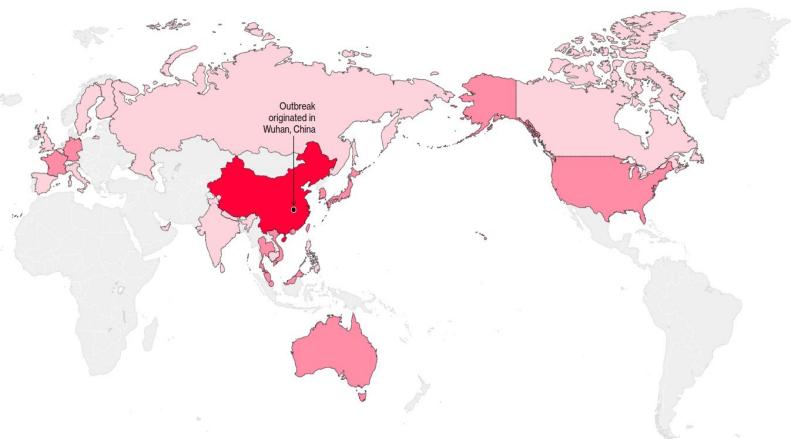


# Raw Statistics



Jurisdictions with cases confirmed as of February 11, 2020, 7:15 AM EST

■ 1-9 ■ 10-99 ■ 100-999 ■ 1,000 or more



## US States with confirmed COVID-19 cases\*

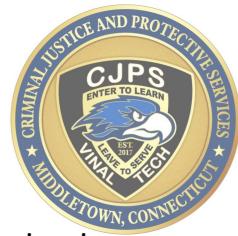
Nebraska	14
California	8
Illinois	2
Arizona	1
Massachusetts	1
Wisconsin	1
Washington	1
Hawaii	1
Texas	1

\*National Center for Immunization and Respiratory Diseases (NCIRD), Division of Viral Diseases

## COVID-19 Coronavirus Statistics

- **75,752** Total confirmed cases.
- **16,859** Recovered.
- **2,130** Total deaths as of 08:37 February 20th.
- **74,579** Confirmed cases in Mainland China.
- **1,173** Cases outside of Mainland China.
- **30** Countries/regions affected.
- **29** Places outside of Mainland China have experienced recovery.
- **175** Total people have recovered outside of Mainland China

\*Source: WHO, CDC, ECDC, NHC, and DXY



# Virus Facts

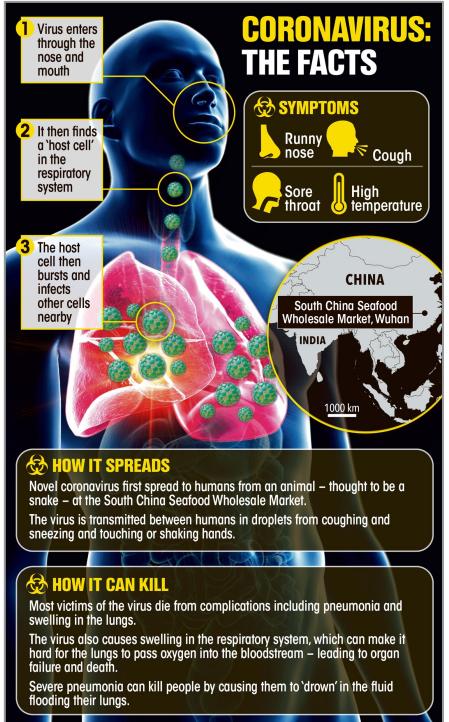
## Clinical Management of Severe Acute Respiratory Infection with 2019-nCoV

-“Although the patient may be suspected to have nCoV, administer appropriate empiric antimicrobials within **ONE hour** of identification of sepsis.”

-“Studies of corticosteroids administered to patients with SARS reported no survival benefit and possible harms.”

-“Application of timely, effective, and safe supportive therapies is the cornerstone of therapy for patients that develop severe manifestations of 2019-nCoV.”

-“There is no current evidence from RCTs to recommend any specific anti-nCoV treatment for patients with suspected or confirmed 2019-nCoV infection.”



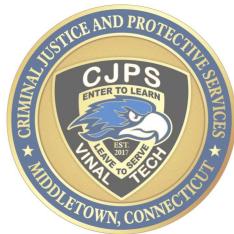
## Unreviewed Biochemical Research

- “Approved protease inhibitors including disulfiram, lopinavir and ritonavir have been reported to be active against SARS and MERS.” Indicating possibly active against 2019-nCoV. ([Nature Review](#), 2/10/2020)

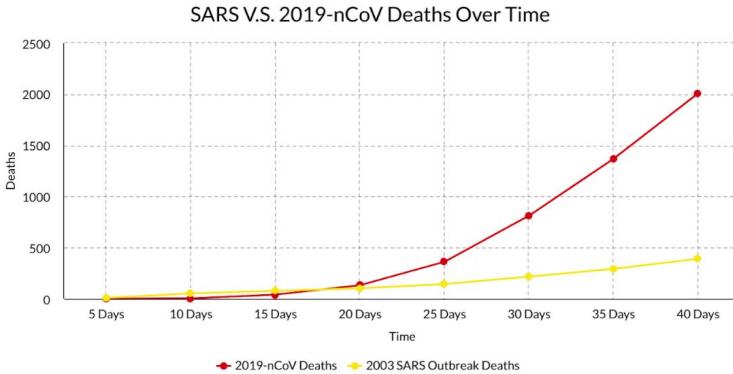
- “First attempts to model the dynamics of the coronavirus outbreak 2020.” Talks about the challenges to accurately modeling the transmission trends from a mathematical standpoint and what needed epidemiological factors are needed. ([Cornell](#), 2/10/2020)

## Quick Facts

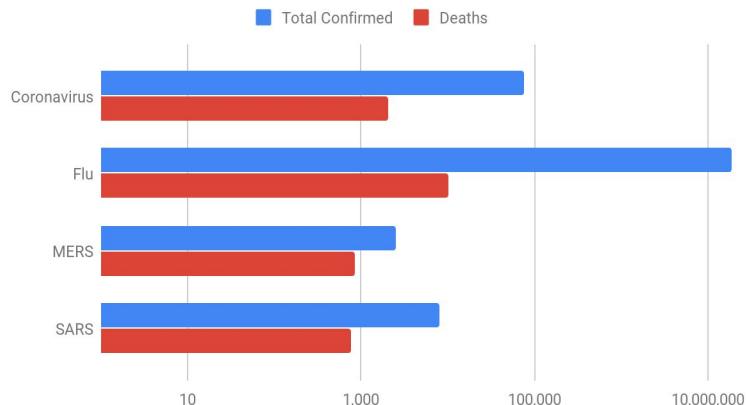
- Symptoms will appear 2-14 days after exposure.
- Contagious up to 6ft after exiting the body.
- Incubation Period after exposure: 2-24 days
- Fever is not always present in the affected.
- To date, unknown if zoonosis is still taking place, or strictly human-to-human.
- Most cases missed by screening have not developed symptoms and are unaware of exposure.
- Other CoVs circulate among animals such as civet cats and bats, among other animals.



# Comparables

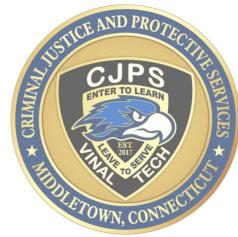


## Total Confirmed and Deaths



Symptoms*	Flu	nCoV	SARS	MERS
Cough	X	X	X	X
Fever	X	X	X	X
SOB	X	X		X
Diarrhea	X		X	
Sore Throat	X			
Body Aches	X		X	
Fatigue	X			
Vomiting	X			
Runny Nose	X			
Headache			X	
Discomfort			X	
Pneumonia			X	

\*CDC



# Potential U.S. Citizen Impact

Country	Infected	Estimated Expats*
China	74,579	72,000
Singapore	84	26,000
Japan	84	136,663
Hong Kong	67	40,000
Thailand	35	85,000
South Korea	104	51,321
US	15	Unknown
Taiwan	24	90,000
Malaysia	22	4,697
Germany	16	Unknown
Vietnam	16	Unknown
Australia	15	97,864
France	12	100,619
Macau	10	Unknown
UK	9	158,000
UAE	9	50,000

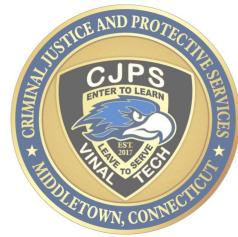
## Press reports that may impact US citizens

- 'Chernobyl like' responses from China means 'worst is yet to come' for Coronavirus (*CNBC*)
- Chinese President Xi Jinping called the coronavirus outbreak a "big test" for the country
- Russia to ban entry of all Chinese nationals (*CBS*)
- South Korean government wants to isolate evacuees for at least two weeks at the facilities, usually used as training centres for government officials, to rule out any symptoms (*NY Times*)
- Coronavirus vaccine could take 12 to 18 months to develop and test, WHO officials say (*CNN*)
- US military approves 11 coronavirus quarantine camps next to major US airports which can treat 'up to 1,000 people' (*Daily Mail*)

## MAJOR HEADLINES

- Russian woman escapes coronavirus quarantine by short-circuiting the lock (*CNN*)
- Symptom based screening "ineffective at detecting travelers with coronavirus" (*CNN*)
- Coronavirus vaccine could take 12 to 18 months to develop and test, WHO officials say (*CNN*)
- "Coronaviruses attack a variety of birds and mammals. The new virus seems to have leapt from wildlife to humans in a seafood and meat market in Wuhan, China..." (*NYT*)

\* Expat numbers are estimated as these can vary and are not documented. These are best estimates based on numerous websites.



# Responder Safety

## Healthcare Worker BSI Precautions Checklist for 2019-nCoV\* (As pictured below)

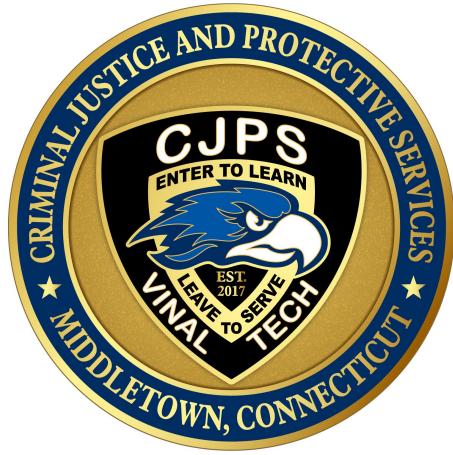
- N95 or P100 with eye protection
- Eye protection should be face shield or goggles (*Surgical masks with plastic eye lenses are inappropriate PPE*)
- Use a clean, non-sterile, long-sleeved, fluid-resistant gown
- Separate infected from other residents until 24 hours after the respiratory illness symptoms are gone
- BVMs, and other ventilatory equipment, should be equipped with HEPA filtration to filter expired air**
- Documentation of patient care should be done after EMS clinicians have completed transport, removed their PPE, and performed hand hygiene



- Viral videos are emerging of people intentionally coughing and spitting on elevator buttons in China. (NY POST)
- “Corona virus infected are trying to spread the disease by deliberately spitting at health care workers in Wuhan.” (MSN News)

***“This is why we take FIT testing seriously!  
Ensure you are clean shaven and take the testing  
seriously.”***

***-David Cruickshank***



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