



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for February 11, 2020

New study an eye-opener on how coronavirus is spreading and how little we know!

(CNN) [A study published Friday in the medical journal JAMA](#) found that 41% of the first 138 patients diagnosed at one hospital in Wuhan, China, were presumed to be infected in that hospital.

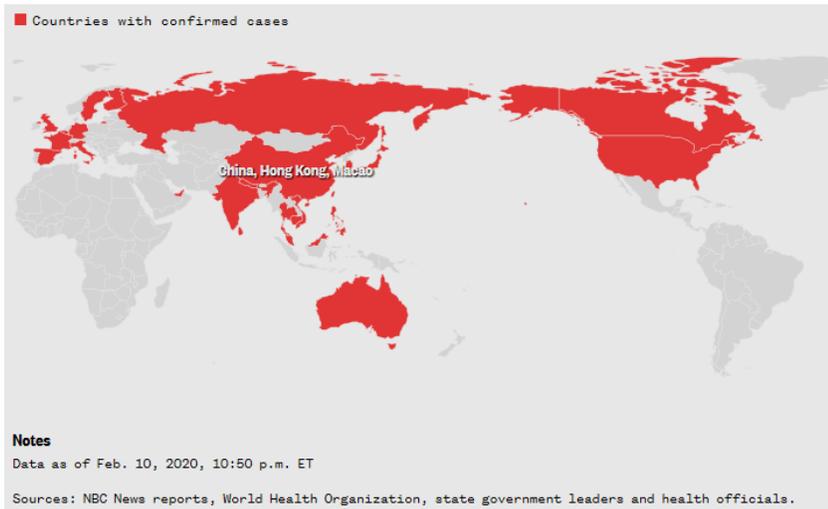
This is big news. In plain English, it means that nearly half of the initial infections in this hospital appear to have been spread within the hospital itself. This is called [nosocomial transmission](#). (Doctors use big words to hide bad things: Nosocomial means caught it in the hospital.)

What's more, most spread doesn't appear to have been the result of a so-called "[super-spreader event](#)," in which a single patient transmits infection to many other people. In these events, a procedure such as bronchoscopy -- where a doctor inserts a tube into the patient's lungs -- can result in many infections. This would be a concern, but not nearly as much as what appears to have happened: Many health care workers and many patients got infected in many parts of the hospital. What's more, since there's a broad spectrum of infection and only patients who were sick were tested, it's quite likely that there was even more transmission in the hospital.

So, like [SARS](#) and [MERS](#) -- other coronaviruses -- before it, **the Wuhan coronavirus is spreading in hospitals.** What does it mean? **Keep Reading!** <https://www.cnn.com/2020/02/08/health/coronavirus-hospital-infections-frieden/index.html>

Note: [Dr. Tom Frieden](#) is the former director of the [US Centers for Disease Control and Prevention](#), and former commissioner of the [New York City Health Department](#). He is currently president and CEO of [Resolve to Save Lives](#), a global non-profit initiative funded by [Bloomberg Philanthropies](#), the [Chan Zuckerberg Initiative](#), and the [Bill and Melinda Gates Foundation](#) and part of the global non-profit [Vital Strategies](#). The views expressed in this commentary are solely those of the author.

More than 43,000 people have been sickened by the coronavirus, mostly in China. It is spreading across the world.



(NBC) As of Feb. 10, coronavirus cases were confirmed in China, Thailand, Taiwan, Japan, Singapore, South Korea, Vietnam, [the United States](#), France, Australia, Malaysia, Nepal, Germany, Sri Lanka, Cambodia, Canada, United Arab Emirates, Finland, India, the Philippines, the United Kingdom, Italy, Russia, Sweden, Spain and Belgium.

More than 43,000 people have been sickened and [1,018 have died since the start of January](#), according to NBC News reports, the World Health Organization (WHO) and figures from state government leaders and health officials.

See more maps and charts: <https://www.nbcnews.com/health/health-news/coronavirus-map-confirmed-cases-2020-n1120686>

(More from NBC) As cases and deaths continue to rise, here is the latest you need to know.

- [Coronavirus case confirmed in California is 13th in the U.S.](#)
- [Volunteers rush to help pets trapped in epicenter of epidemic](#)
- [Wuhan resident films inside coronavirus hospital, later confronted by police](#)

[Sen. Gardner Requests Committee Assistance to Bring HHS Funding to Coronavirus Efforts.](#)

Faced with more than 28,000 cases of novel coronavirus (2019-nCoV) worldwide and more than 550 deaths confirmed so far, US Sen. Cory Gardner called on Senate committees this week to guarantee response funding from the Department of Health and Human Services (HHS). (Homeland Preparedness News, 2/10/20)

**Robot with coronavirus advice hits Times Square
Worried about the spread of coronavirus?**

A five-foot tall (1.5 meter) Promobot (run by some Russians) might have your answer.

See and learn more: <https://www.reuters.com/article/us-china-health-robot/robot-with-coronavirus-advice-hits-times-square-idUSKBN2042JH>

NWS Severe Storm & Flooding Update

This information came out about 5 AM this morning, and you will see that the graphics cover the state.

Link to [Flood Threat Through Midweek Briefing Slides](#)

http://www.weather.gov/media/lmk/briefing/Flood_Feb11_430am.pdf

Main Idea

A strong storm system will impact the region Wednesday and Wednesday night. Light to moderate rain will fall during the day, with heavy rain expected Wednesday evening. Rainfall rates will drop off significantly after midnight. 1-2" of rain possible, which could lead to minor areal flooding, especially in Kentucky east of Interstate 65. Rises on streams can be expected.

Secondary Threat

A narrow line of robust showers may develop and move through the region Wednesday evening. These showers will produce briefly enhanced rainfall rates and possibly gusty winds.

NWS Watches, Warnings and Advisories for Kentucky: <https://alerts.weather.gov/cap/ky.php?x=1>

NWS Watches, Warnings and Advisories by COUNTY: <https://alerts.weather.gov/cap/ky.php?x=3>

WKYT - EMA officials warning people who live in Leslie County community

Full report: <https://www.wkyt.com/content/news/EMA-officials-warning-people-who-live-in-Leslie-Countys-confluence-area-567737951.html>

Flu is widespread across the US

(CNN) While much of the world's attention has been focused on the Wuhan coronavirus, there's another virus that has been keeping doctors' offices around the country incredibly busy this time of year. Flu activity continued to increase and remained high in the United States in the week ending February 1, according to new data from the US Centers for Disease Control and Prevention. This is after dramatic drops in flu activity during the first two weeks of 2020. Flu virus activity was widespread in nearly every US region, with high levels of activity in 45 states and Puerto Rico. Read more: <https://www.cnn.com/2020/02/07/health/flu-season-high/index.html>

Death on Kentucky's highways is up

(WKYT) Kentucky transportation officials say highway deaths increased in 2019. Preliminary numbers show that there were 734 deaths on Kentucky roads in 2019, up from 724 in 2018.

Officials say the State Office of Highway Safety is increasing programs to encourage safe driving, like the 'Buckle Up Phone Down' campaign, law enforcement blitzes, and free-ride sharing promotions during the holidays. So far in 2020, preliminary numbers indicate there have been 56 roadway deaths, down 17 compared to the same time last year.

Source: <https://www.wkyt.com/content/news/Deaths-on-Kentucky-highways-up-in-2019-567736461.html>

Yarn made from human skin could soon be stitching up your wounds

Learn more: <https://www.cnn.com/2020/02/05/health/human-textile-yarn-study-scli-intl-scn/index.html>

10 Healthiest, Most Unhealthy Cities in America

(Newser and WalletHub) Staying in shape and in a general state of wellness is (and should be) a priority for most—and where you live can have an effect on how you maintain your health. [WalletHub](#) looked at more than 170 of the most populated US cities across more than three dozen metrics, in four main categories. Read on for the best cities in America for your health, with San Francisco atop [the list](#).

[Our region? Louisville is 128; Lexington is 126. Cincinnati is 80; Nashville is 83; Knoxville is 113; Huntington is 168; Charleston is 134; Indy is 120. Memphis is 170 - Four from the bottom!]

Story: <https://www.newser.com/story/286761/10-healthiest-most-unhealthy-cities-in-america.html>

The KHEREF Emergency Preparedness Update is assembled several times a week. When events make it necessary, the Update may be sent out several times a day to keep our hospital and the healthcare community advised on preparedness news and information. Most of this information is compiled from open sources, and where possible reference links will be provided. There is an archive of [Emergency Preparedness Updates available here](#). If you would like to add or delete, or have something you would like to contribute to a future edition of the Emergency Preparedness Update, please contact rbartlett@kyha.com (include your current email address). The preparedness program for the Kentucky Hospital Association (KHA) and KHEREF are supported by US DHHS ASPR HPP funds through a contract with Kentucky Public Health.