



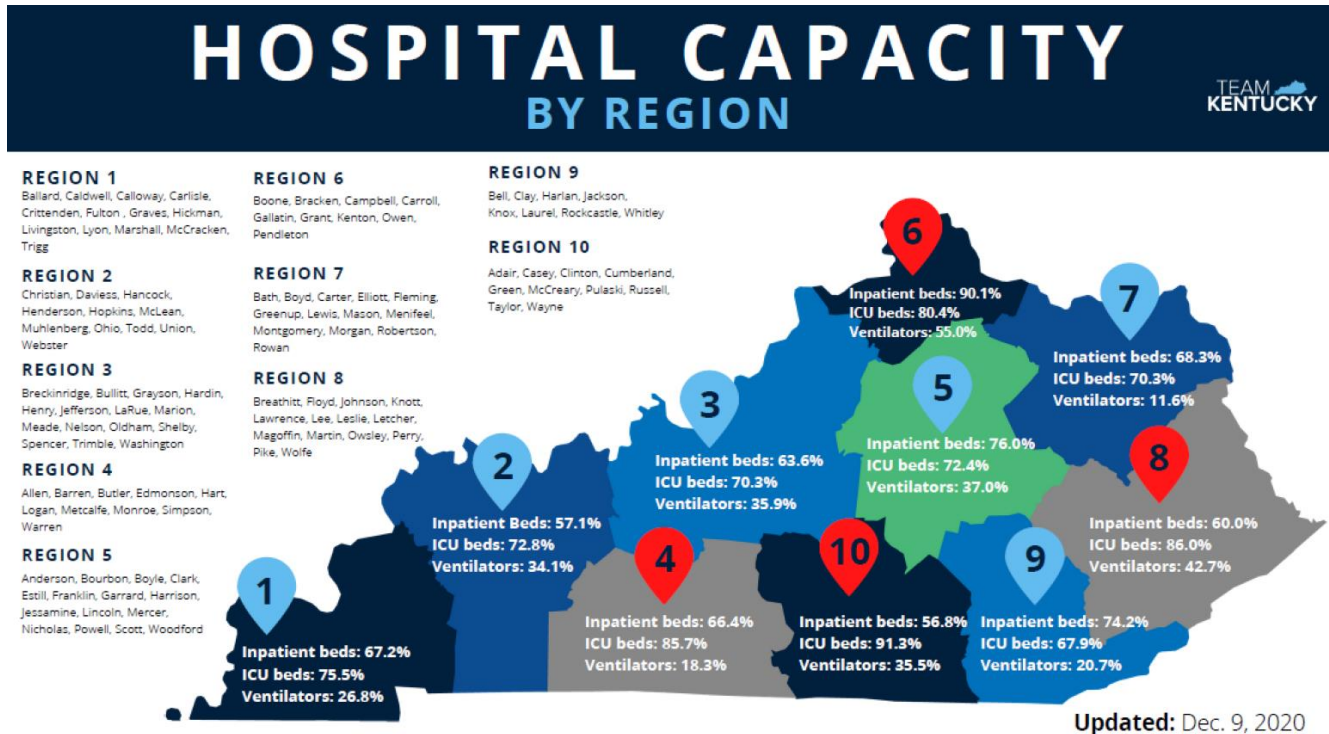
Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for December 10, 2020

KY COVID Update for December 10th

Governor Beshear noted that the CDC committee is meeting this afternoon, and assuming that EUAs are coming here is what Kentucky is planning for:

- December 13-19, Pfizer will send 38,025 doses
- December 20-26, Moderna will initially ship 76,700 doses
- December 27-31, Moderna is expected to ship another 33,800 doses.

As of 4 PM today, new cases are 4,324; for a total of 213,450. The positivity rate continues to go down, and is now at 9.13%. There are 1,756 hospitalized, with 442 in the ICU and 231 on vents. Today he reported that there were 28 new deaths.



Watch Press Conference: <https://www.youtube.com/watch?v=JwpZkHas8no>

US Tops 3,000 COVID-19 Deaths in One Day!

As of 8:00 a.m. ET Thursday, the [unofficial U.S. cases-and-deaths tally](#) stood at 15,392,979 and 289,450, respectively, reflecting one-day increases of 219,128 and 3,112.

The latter is a [new U.S. record](#) and the first time any country has exceeded 3,000 COVID deaths in one day. ([worldometers.info](#))

Today's the day: the [Pfizer/BioNTech vaccine goes before FDA's vaccines advisory committee.](#)

Hackers steal Pfizer/BioNTech COVID-19 vaccine data in Europe

(Reuters) U.S. drugmaker Pfizer and its German partner BioNTech said on Wednesday that documents related to development of their COVID-19 vaccine had been “unlawfully accessed” in a cyberattack on Europe’s medicines regulator. The European Medicines Agency (EMA), which assesses medicines and vaccines for the European Union, said hours earlier it had been targeted in a cyberattack. It gave no further details.

Pfizer and BioNTech said they did not believe any personal data of trial participants had been compromised and EMA “has assured us that the cyber attack will have no impact on the timeline for its review.” It was not immediately clear when or how the attack took place, who was responsible or what other information may have been compromised. Learn more: <https://www.reuters.com/article/idUSL4N2IP35T>

Non-Rx Home COVID Test Approved

The FDA authorized the [first nonprescription at-home coronavirus test](#), from LabCorp, although swab samples still must be sent to the company for analysis.

See FDA press release: <https://www.fda.gov/news-events/press-announcements/coronavirus-covid-19-update-fda-authorizes-first-direct-consumer-covid-19-test-system>

Derm Symptoms Signal MIS-C in Kids

Case series shows mucocutaneous findings in most children

(MedPage Today) Most children with multi-system inflammatory syndrome (MIS-C) had mucocutaneous findings, a small case series in New York City found. Among 35 children, 29 with MIS-C exhibited these sequelae, with conjunctival injection, palmoplantar erythema, and lip hyperemia the most common, reported Vikash Oza, MD, of New York University Grossman School of Medicine, and colleagues, writing in a brief report in [JAMA Dermatology](#).



Importantly, the authors noted, "mucocutaneous involvement was not associated with cardiac dysfunction, need for inotropic support, or intensive care unit admission, suggesting that mucocutaneous changes are not associated with disease severity in MIS-C."

Read more: <https://www.medpagetoday.com/infectiousdisease/covid19/90108>

John Hopkins: Health Security Headlines extracts from December 10, 2020

[Evaluation of Cloth Masks and Modified Procedure Masks as Personal Protective Equipment for the Public During the COVID-19 Pandemic](#) (*JAMA Internal Medicine*) In this comparative study of face covering FFEs, we observed that consumer-grade masks and improvised face coverings varied widely, ranging from 26.5% to 79.0% FFE. Modifications intended to enhance the fit of medical procedure masks improved FFE measurements from 38.5% (unmodified mask) to as much as 80.2%. Simple modifications can improve the fit and filtration efficiency of medical procedure masks; however, the practical effectiveness of consumer-grade masks available to the public is, in many cases, comparable with or better than their non-N95 respirator medical mask counterparts.

[Bill and Melinda Gates' Foundation Injects Another \\$250 Million Into The Battle Against Covid-19](#)

(*Forbes*) The Bill & Melinda Gates Foundation just announced an additional \$250 million commitment to strengthen efforts in the global fight to end the coronavirus pandemic. This brings the foundation's total funding to the Covid-19 response to \$1.75 billion, with the latest \$250 million representing the largest single pledge aimed at the pandemic.

[South Korea Scrambles to Build Container Hospital Beds to Combat Third COVID-19 Wave](#) (*Reuters*)

South Korea authorities scrambled on Thursday to build hospital beds in shipping containers to ease strains on medical facilities stretched by the latest coronavirus wave, which shows little sign of abating with 682 new cases. The resurgence of infections has rekindled concerns about an acute shortage of hospital beds, prompting Seoul city to begin installing container beds for the first time since the start of the pandemic.

[Johnson & Johnson Cuts Size of Covid-19 Vaccine Study Due to Prevalence of Disease in U.S.](#) (*STAT News*)

Johnson & Johnson is cutting the size of its pivotal U.S. Covid-19 vaccine trial — the only major study testing a single dose of a Covid vaccine — from 60,000 volunteers to 40,000 volunteers. The change is being made possible by the fact that Covid-19 is so pervasive across the country, according to a person familiar with the matter. The more virus there is in the U.S., the more likely it is that participants will be exposed to it, meaning researchers will be able to reach conclusions based on a smaller trial.

[DOD Unveils Its Coronavirus Vaccine Distribution Plan](#) (*NPR*) The Department of Defense aims to administer just under 44,000 doses of Pfizer's coronavirus vaccine within 24 to 48 hours of authorization for emergency use. U.S. Food and Drug Administration officials have said they will make a decision soon after they hear from an advisory committee which meets Thursday. The vaccine will be distributed through 16 DOD installations, 13 in the U.S and three overseas. The facilities selected are in California, Florida, Indiana, Maryland, New York, North Carolina, Texas, Virginia and Washington, director of the Defense Health Agency Army Lt. Gen. Ronald Place said in a news conference Wednesday.

[Universal Influenza Virus Vaccine: Strong and Durable Results in Early-stage Clinical Trials in Humans](#)

(*Outbreak News Today*) A vaccine that induces immune responses to a wide spectrum of influenza virus strains and subtypes has produced strong and durable results in early-stage clinical trials in humans, Mount Sinai researchers have found. The universal influenza virus vaccine, which produces antibodies that target the part of the surface protein of the influenza virus known to neutralize diverse influenza strains, was described in a study published in the journal *Nature Medicine*. This chimeric hemagglutinin (HA)-based vaccine has the potential to provide long-lived protection with two or three immunizations, eliminating the need for revaccination.

CDC Clinicians Webinar December 14 @ 1 PM ET
What Every Clinician Should Know about COVID-19 Vaccine Safety

Zoom link: <https://www.zoomgov.com/j/1611264903>

More info and call-in phone lines: https://emergency.cdc.gov/coca/calls/2020/callinfo_121420.asp

CDC Clinicians Webinar December 17 @ 2 PM ET
Making Practical Decisions for Crisis Standards of Care
at the Bedside During the COVID-19 Pandemic

(CDC) Healthcare operations and healthcare services delivery change due to scarcity of required resources under pervasive (e.g., pandemic influence, COVID-19) and catastrophic disaster (e.g., earthquake, hurricane) conditions. The standards of care proposed under these unique and challenging conditions must be a reasonable approach to healthcare service delivery that merges public health, ethical, and medical care demands.

During this COCA Call, experts from Hennepin Healthcare and Bellevue Hospital will present background on the Institute of Medicine (IOM) framework, *Guidance for Establishing Crisis Standards of Care for Use in Disaster Situations* (IOM, 2009), and identify how Crisis Standards of Care apply to the current COVID-19 pandemic. Presenters will also highlight systems-level information sharing and coalition-level coordination activities to help clinicians plan for these potential situations and make medical decision during a crisis.

Zoom link below to join: <https://www.zoomgov.com/j/1613403966>

Other connection options & more info: https://emergency.cdc.gov/coca/calls/2020/callinfo_121720.asp

Continuing Education info: <https://emergency.cdc.gov/coca/continuingeducation.asp>

IACP News - May be the start of new trend

Virginia Law Banning Handheld Phones Takes Effect January 1

The [AP](#) (12/9) reports as of January 1, it will “illegal in Virginia to hold a phone while driving. ... Authorities say that making the practice illegal and enforceable is an important step toward reducing deaths on the road.” The article quotes Gov. Ralph Northam saying, “If you’re looking down at your phone, texting or checking an email, you’re not looking at the road and that can go so far, so badly, so fast.”

New Jersey Legislature Considers Outlawing Holding Devices While Stopped At Red Lights.

[NJ News](#) (12/9) reports under a new proposal in the New Jersey state legislature, “holding the phone in your hand while at a red light could cost you the same fine as texting while driving.” The language “aims to reduce distracted driving, which has been the leading cause of fatal crashes in New Jersey since 2011.” The measure cleared the state Senate Transportation Committee on a unanimous vote Tuesday.

The KHREF 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 Preparedness@kyha.com (include your current email address). The preparedness program for the Kentucky Hospital Association (KHA) and KHREF are supported by US DHHS ASPR HPP funds through a contract with Kentucky Public Health.