



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for July 31, 2020

KY Hospital Association TOWN HALL meetings

Save the Date: August 4, 3 PM ET

Feedback from the front-line in Texas and Florida hospitals

[Representatives from hospitals in both states on their experiences, lessons learned and recommendations.]

<https://join.onstreammedia.com/go/41054140/townhall>

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Kentucky COVID Update for July 31

([From Press Release](#)) Gov. Andy Beshear on Friday updated Kentuckians on the state's continuing efforts to fight the novel coronavirus 2019 (COVID-19). As of 4 p.m. July 31, Gov. Beshear said there were at least 30,151 coronavirus cases in Kentucky, 778 of which were newly reported Friday. Twenty-three of the newly reported cases were from children ages 5 and younger.

"Our positivity rate has decreased for the third straight day. But, we still have too many cases and we need to do everything we can to try to decrease those. We're also seeing an increase of patients in the ICU," said Gov. Beshear.

Unfortunately, Gov. Beshear reported four new deaths Friday, raising the total to 735 Kentuckians lost to the virus.

As of Friday, there have been at least 629,706 coronavirus tests performed in Kentucky. The positivity rate currently stands at 5.43%. At least 7,481 Kentuckians have recovered from the virus.

For additional information, including up-to-date lists of positive cases and deaths, as well as breakdowns of coronavirus infections by county, race and ethnicity, [click here](#).

Yesterday, Mark Carter, executive policy advisor at the Cabinet for Health and Family Services, updated Kentuckians on contact tracing and tracking across the commonwealth, an effort that Carter leads. To learn more, [read yesterday's full release](#).

AHA, AMA and ANA launch PSA encouraging mask-wearing to help stop COVID-19's spread

([AHA Today](#)) The AHA, the American Medical Association and American Nurses Association today partnered to [release](#) a public service announcement urging the American public to take three simple steps to help stop the spread of COVID-19: wear a mask, practice physical distancing and wash hands frequently. The PSA is the first element of AHA's comprehensive Wear A Mask campaign to increase public acceptance of these essential actions. [View the PSA here](#).

Fauci confident virus vaccine will get to Americans in 2021

(AP) — Dr. Anthony Fauci said Friday that he remains confident that a coronavirus vaccine will be ready by early next year, telling lawmakers that a quarter-million Americans already have volunteered to take part in clinical trials.

Officials testifying with Fauci at a contentious House hearing acknowledged that the U.S. remains unable to deliver all COVID-19 test results within two or three days, and they jointly pleaded with Americans to comply with basic precautions such as wearing masks, avoiding crowds, and washing their hands frequently.

Read more: <https://apnews.com/2a4c1d64f8cb8efbadfd581594db8819>

Related - Testing czar: Nursing homes to get nearly 1M rapid tests by end of week

<https://www.politico.com/news/2020/07/31/brett-giroir-nursing-home-coronavirus-tests-389489>

Federal Push for Faster, Cheaper Coronavirus Tests Focuses on 7 New Technologies

(NPR) Americans continue to wait in long lines to get tested for the coronavirus. Many then face frustration and anxiety waiting days — sometimes even weeks — to get their results.

Could technology finally solve the testing woes that have hobbled the nation's ability to fight the pandemic? The National Institutes of Health hopes so.

On Friday, the NIH announced the first seven winners of a competition to produce next-generation coronavirus tests to help battle the spread of COVID-19. Together, they will receive \$248.7 million to further develop their

tests and hopefully make them available by the fall. The seven announced Friday are the first selected to move on Phase 2 of the program, which will involve scaling them up and manufacturing them for use, the NIH says.

- Mammoth Biosciences, Inc., in San Francisco., which uses CRISPR. This technology, best known for editing DNA, can zero in on any spot in a genetic code. In this case, it's being used to spot the genetic material of the coronavirus.
- Helix OpCo LLC. in San Mateo, Calif., which will bulk ship kits to collect nasal swab samples that can be processed within 24 to 48 hours through a combination of automation and "next-generation sequencing," which has been used in research to scan genomes. Helix expects to process up to 50,000 samples a day by the end of September and 100,000 a day by the end of the year, according to the NIH.
- Fluidigm Corp. in San Francisco, which has developed a test designed to process thousands of samples each day, primarily from saliva. Because the company already has machines in many labs around the country, it should be able to scale up to hundreds of thousands of tests per day by the fall, the NIH says.
- Mesa Biotech, Inc. in San Diego, whose test uses a hand-held device and a "compact, single-use cartridge" that can produce results in doctors' offices, clinics and elsewhere within 30 minutes, the NIH says.
- Quidell Corp. in San Diego already has gotten approval for an antigen test, which detects a protein from the virus instead of genetic material. The test is much simpler and easier to manufacture and use than the genetic tests that have been primarily used so far, and it produces results in 15 minutes.
- Talis Biomedical Corp. in Menlo Park, Calif., uses a different technique to analyze genetic material in the virus using light. It produces results within 30 minutes.
- Ginkgo Bioworks in Boston is scaling up an automated process for processing tens of thousands of tests simultaneously using next-generation sequencing and delivering results within 24 to 48 hours. The company expects to scale up to 50,00 tests per day in September and 100,000 per day by the end of the year.

Full story: <https://www.npr.org/sections/health-shots/2020/07/31/897320468/next-generation-coronavirus-tests-advance-toward-production>

CDC Coronavirus [What's New?](#)

- [Study highlights importance of CDC mitigation strategies](#) Friday, July 31, 2020
- [COVIDView Weekly Summary](#) Friday, July 31, 2020
- [COVID-19 One-Stop Shop Toolkits](#) Friday, July 31, 2020
- [Cases & Deaths by County](#) Friday, July 31, 2020
- [Managing Investigations During an Outbreak](#) Friday, July 31, 2020
- [Considerations for Retirement Communities and Independent Living Facilities](#) Friday, July 31, 2020
- [Toolkit for People Experiencing Homelessness](#) Friday, July 31, 2020
- [Environmental Health Practitioners](#) Friday, July 31, 2020
- [Colleges, Universities, and Higher Learning](#) Friday, July 31, 2020
- [Guidance for Healthcare Workers about COVID-19 \(SARS-CoV-2\) Testing](#) Friday, July 31, 2020
- [Staffing Resources](#) Friday, July 31, 2020
- [How to Report COVID-19 Laboratory Data](#) Friday, July 31, 2020
- [Cases in the U.S.](#) Friday, July 31, 2020
- [Forecasts of Total Deaths](#) Friday, July 31, 2020
- [Testing Data in the U.S.](#) Friday, July 31, 2020
- [How to Protect Yourself & Others](#) Friday, July 31, 2020
- [Previous Forecasts of Total Deaths](#) Friday, July 31, 2020
- [COVID-19 Travel Recommendations by Country](#) Friday, July 31, 2020
- [An Approach for Monitoring and Evaluating Community Mitigation Strategies for COVID-19](#) Friday, July 31, 2020
- [Public Health Guidance for Community-Related Exposure](#) Friday, July 31, 2020
- [CMS and CDC announce provider reimbursement available for counseling patients to self-isolate at time of COVID-19 testing](#) Thursday, July 30, 2020
- [Older Adults](#) Thursday, July 30, 2020

FDA COVID-19 [Updates](#)

- [July 31, 2020 - Coronavirus \(COVID-19\) Update: FDA Authorizes First Tests that Estimate a Patient's Antibodies from Past SARS-CoV-2 Infection](#)
- [July 31, 2020 - Coronavirus \(COVID-19\) Update: Daily Roundup July 31, 2020](#)

[Contact Tracing Is Failing in Many States. Here's Why.](#)

(*New York Times*) Inadequate testing and protracted delays in producing results have crippled tracking and hampered efforts to contain major outbreaks. <May require subscription.>

[Scent Dog Identification of Samples from COVID-19 Patients—A Pilot Study](#)

(*BMC Infectious Diseases*) Volatile organic compounds produced during respiratory infections can cause specific scent imprints, which can be detected by trained dogs with a high rate of precision. During the presentation of 1,012 randomized samples, the dogs achieved an overall average detection rate of 94 percent ($\pm 3.4\%$) with 157 correct indications of positive, 792 correct rejections of negative, 33 incorrect indications of negative or incorrect rejections of 30 positive sample presentations. [<Article - click here>](#)

[Scientists Create a Speedy Finger-prick Test to Scan for Radiation Exposure in Mice](#)

(*STAT News*) Researchers have developed a simple finger-prick test that scans a single drop of blood to rapidly determine whether the body has been exposed to toxic levels of radiation. In preparation for the possibility of such a public health disaster, scientists at Ohio State have devised a speedy and scalable method for estimating radiation exposure. [Article link <Click here>](#)

CDC: Hundreds sick, 1 dead in nationwide Salmonella outbreak linked to chicks, ducklings

Learn more: <https://www.usatoday.com/story/news/health/2020/07/30/salmonella-outbreak-chicks-ducklings-linked-nationwide-outbreak/5548197002/>

Florida 17-YO Teen Charged As 'Mastermind' Of Massive Twitter Hack

(NPR) Florida prosecutors have charged a teenager with being the "mastermind" of a [hack](#) that targeted some of Twitter's best-known accounts and, prosecutors said, scammed more than \$100,000 in Bitcoin from duped users.

Two other people were also charged by federal prosecutors over their alleged involvement in the July 15 hack, which involved the accounts of the social media network's richest and most famous users, including former President Barack Obama, presumptive Democratic presidential nominee Joe Biden, Amazon CEO Jeff Bezos and rapper Kanye West.

Federal agents arrested Graham Ivan Clark, a 17-year-old Tampa resident, on Friday morning after a nationwide [investigation](#) by the FBI and Department of Justice, according to the state attorney's office in Hillsborough County, Florida. He is facing 30 felony charges. (NPR is naming Clark because he is being charged under Florida state law as an adult.) Clark "reaped over \$100,000 in Bitcoin in just one day," Warren said. "He's a 17-year-old kid who apparently just graduated high school, but make no mistake: This was not an ordinary 17-year-old. This was a highly sophisticated attack on a magnitude not seen before."

Learn more: <https://www.npr.org/2020/07/31/897815039/florida-teen-charged-as-mastermind-of-massive-twitter-hack>

EMS: Patient Care and Operations

Monday, August 3, at 12:00 - 1:00 pm ET [Click here for registration](#)

Join EMS providers from across the country to discuss challenges faced in the COVID-19 response and what can be done to enhance patient care and emergency operations.

Critical Care: Lifesaving Treatment and Clinical Operations

Tuesday, August 4, at 12:00 - 1:00 pm ET [Click here for registration](#)

This resource webinar is intended for consultant physicians involved in critical care practice, fellows, residents, pharmacists, nursing staff, nurse practitioners, physician assistants, respiratory therapists, & allied health staff.

FDA: Respirators for Health Care Personnel Use during COVID-19 Pandemic

Tuesday, August 4, at 12:00 pm ET [Click here for connection information](#)

The FDA, along with the Centers for Disease Control and Prevention's (CDC) National Institute for Occupational Safety and Health (NIOSH) and the Occupational Safety and Health Administration (OSHA), will host the second webinar in the webinar series on the topic of Importing Respirators for Health Care Personnel Use during COVID-19 Pandemic.

CDC Clinicians Call:
COVID-19 & Telehealth Implementation: Stories from the Field
Date: Tuesday, August 4, 2020 - Time: 2:00pm-3:30pm (ET)
Please click the link below to join the webinar: <https://www.zoomgov.com/j/1608721092>

Burn and Soft Tissue Injury ECHO
“The Great Outdoors!: ATV injuries”
August 5th from 12:00-1:00pm MT (2 PM ET/1 PM CT)

Register and log-in to the [Crisis Standards of Care](#) (CSC) website, then navigate to the “Project ECHO” tab to join the live session. They offer AMA PRA Category 1.0 credit(s)TM, Nursing Contact Hours, and EMS CME credit at no cost. Visit the Utah [CSC Website](#) and navigate to the “Project ECHO” tab for instructions on how to claim CME and CEU credit(s). Address questions to: Annette.Matherly@hsc.utah.edu.

[FYI - The next program in this series will be October 14th on "Treatment of Complicated Skin Rashes".]

HHS Telemedicine Hack
Workflows and Documentation
Wednesday, August 5, at 12:00 - 1:00 pm ET [Click here for registration](#)

Telemedicine use has grown exponentially during the COVID-19 pandemic to support the wide adoption of telemedicine, the U.S. Department of Health and Human Services (HHS), Assistant Secretary for Preparedness and Response (ASPR) is partnering with the ECHO Institute at the University of New Mexico and the Public Health Foundation’s TRAIN Learning Network to deliver a 10-week, virtual peer-to-peer learning community called Telemedicine Hack. This learning collaborative will be an opportunity for healthcare delivers to gain the knowledge and skills needed to implement video-based telemedicine into their practices. [Learn more here](#).

NETEC WEBINARS

Next week's webinars will be divided into a two-part event (Wednesday, **August 5** and Friday, **August 7**) focusing on [Supply Management and Inventory Control during COVID-19](#).

In this webinar, participants will:

- Foster effective team strategies to assist in problem-solving to collectively control inventory and supply chain needs during the coronavirus pandemic
- Integrate approaches for optimizing PPE supply when caring for patients with COVID-19 including CAPRs/ PAPRs, masks, face shields, and other essential supplies.
- Discuss options for product substitution while maintaining a safe clinical environment as derived from case-based scenarios

Both webinars will be at Noon CT / 1:00 PM ET / 10:00 AM PT. [Register Now](#)

CMS: Lessons from the Front Lines: COVID-19
Friday, August 7, 12:30 p.m. ET, [Click here to join](#)

Join CMS Lessons from the Front Lines to learn about CMS flexibilities, best practices during the COVID-19 pandemic, updates from the federal response, and to hear perspectives from care providers.

To listen to the audio files and read the transcripts from CMS COVID-19 Stakeholder calls, visit the [CMS Podcast and Transcripts page](#).

Final Facilitator Training Session "How to Play Earth Ex" on August 20th at 2 PM EDT.

This session will present the new Battle Rhythm Manager interface, outline each Phase of the 2020 exercise, and explore the new Monte Carlo inject engine. Participants will leave with a full understanding of how to implement the EARTH EX 2020 exercise to maximize its potential for their organization. **Register>** [How to Play EARTH EX](#)

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 added or deleted, 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 KHREF are supported by US DHHS ASPR HPP funds through a contract with Kentucky Public Health.