



# Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for June 17, 2020

## [KY COVID Daily Updates](#)

170 new cases today; Total 12,995

6 new deaths today; Total 518

Recovered: 3444

Tests: 329,710; PCR=299,520; Serology=30,190

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Long Term Care update: <https://chfs.ky.gov/agencies/dph/covid19/LTCupdate.pdf>  
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## **Some areas of Appalachian Kentucky are seeing a jump in coronavirus cases, with many small outbreaks tied to churches**

(KY Health News) Some rural areas in Kentucky that hadn't had many coronavirus cases are seeing an increase, in part because of the reopenings of churches and businesses, Bill Estep [reports](#) for the **Lexington Herald-Leader**.

Harlan County Judge-Executive Dan Mosley told Estep June 14 that the county had only one confirmed case of the virus before May 30, but 13 since, resulting in more than 100 people going under quarantine for 14 days, the incubation period for the virus. Estep reports that 14 staff and interns under quarantine are associated with the **Club 180 Ministry** in Cumberland.

Similar increases are happening elsewhere in the southern half of Appalachian Kentucky. On Monday, the **Cumberland Valley District Health Department** announced a "significant spike" of 21 cases in Clay, Jackson and Rockcastle counties over the weekend, Estep reports.

Clay County had only six confirmed cases as of May 28, but added seven confirmed cases and one probable case over the weekend. Several of those new cases were tied to a church and another to a golf course, Christie Green, the county's public health director, told Estep.

Of the 12 new cases confirmed in Jackson County over the weekend, 11 were associated with churches, with more likely to turn up as health officials continue tracing people's contacts, Green told Estep. She said some churches tied to cases had not been doing enough social distancing.

## **KY distributing PPE to protect poll workers**

[\(Frankfort\)](#) Gov. Andy Beshear directed his administration to provide personal protective equipment (PPE) to keep voters and poll workers safe during Kentucky's primaries next Tuesday. The Governor's office is providing 5,000 masks, 4,000 gallons of hand sanitizer, 5,800 face shields and 20,000 gloves for the June 23 election. The PPE will be distributed to all 120 counties.

## **Tracking The Pandemic: Are Coronavirus Cases Rising Or Falling In Your State?**

(NPR) More than 2 million people in the U.S. have tested positive for the coronavirus and more than 110,000 have died. The growth in new cases and deaths overall has at least temporarily slowed, but that pattern hasn't been consistent across the country. New hot spots are emerging as others subside.

Many states began relaxing some social distancing measures [in May](#), and health leaders are watching for signs that the virus is starting to spread more aggressively. In the graphics below, explore the trend in new cases in your state to see whether cases are rising, falling or staying level. To jump to a map of total cases and deaths by state, [click here](#).

Full story: <https://www.npr.org/sections/health-shots/2020/03/16/816707182/map-tracking-the-spread-of-the-coronavirus-in-the-u-s>  
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## **US Senate looking for feedback on new White Paper "Preparing for the Next Pandemic"**

**NEW:** Senate health committee Chairman Lamar Alexander (R-Tenn.) released ["Preparing for the Next Pandemic"](#) — a white paper with five recommendations to address future pandemics based on lessons learned from COVID-19 and the past 20 years of pandemic planning. Read the full White Paper including a Foreword by former U.S. Senate Majority Leader Bill Frist [here](#). The Senate Health, Education, Labor and Pensions Committee is soliciting feedback from the public on the white paper until June 26, 2020. Feedback can be submitted to [PandemicPreparedness@help.senate.gov](mailto:PandemicPreparedness@help.senate.gov).

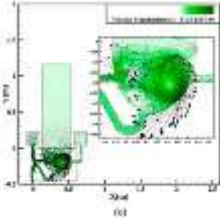
Here are the five recommendations discussed to address future pandemics based on lessons learned from COVID-19 and the past 20 years of pandemic planning:

1. Tests, Treatments, and Vaccines – Accelerate Research and Development
2. Disease Surveillance – Expand Ability to Detect, Identify, Model, and Track Emerging Infectious Diseases
3. Stockpiles, Distribution, and Surges – Rebuild and Maintain Federal and State Stockpiles and Improve Medical Supply Surge Capacity and Distribution
4. Public Health Capabilities – Improve State and Local Capacity to Respond
5. Who Is on the Flagpole? – Improve Coordination of Federal Agencies During a Public Health Emergency

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### New study - Flushing the toilet could create a 3-foot vortex of airborne coronavirus poop particles

(Business Insider) It's well-known by now that the coronavirus can spread from person to person via respiratory droplets. But droplets aren't the only bodily fluid that the virus can travel in: Multiple studies have found traces of it in [infected patients' poop](#). A new [study](#) from the American Institute of Physics evaluated how far these viral poop particles could spread when you flush a toilet.



The researchers used a fluid-dynamics model to track the movement of the droplets in a toilet bowl after a flush.

When a toilet flushes, water from the tank above the bowl is pushed down into the water in the bowl — creating turbulence and changes in airflow.

The researchers studied two common types of siphon toilets. One has a single toilet inlet valve for flushing water. The other has two inlet valves, which create a rotating flow.

**Curious?** <https://www.businessinsider.com/toilet-flushes-create-a-vortex-of-airborne-coronavirus-poop-particles-2020-6>

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

- Collection and Submission of **Postmortem Specimens from Deceased** Persons with Known or Suspected COVID-19 (June 15): [https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-postmortem-specimens.html?deliveryName=USCDC\\_425-DM30168](https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-postmortem-specimens.html?deliveryName=USCDC_425-DM30168)
- [Cases & Deaths by County](#) Wednesday, June 17, 2020
- [FAQs for Correctional and Detention Facilities](#) Wednesday, June 17, 2020
- [Cases and Deaths in the U.S.](#) Wednesday, June 17, 2020
- [COVID-19 Forecasts: New Hospitalizations](#) Wednesday, June 17, 2020
- [Cruise Ship Crew Member Disembarkations](#) Wednesday, June 17, 2020
- [Interim COVID-19 Contact Tracing Communications Toolkit for Health Departments](#) Wednesday, June 17, 2020
- [Cases in U.S.](#) Wednesday, June 17, 2020
- [COVID-19 Travel Recommendations by Country](#) Wednesday, June 17, 2020
- [Previous COVID-19 Forecasts: New Hospitalizations](#) Wednesday, June 17, 2020

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### FDA warns of potential drug interaction between remdesivir, hydroxychloroquine

(AHA Today - June 16) The Food and Drug Administration Monday [said](#) chloroquine phosphate and hydroxychloroquine sulfate could reduce remdesivir's antiviral activity. As a result, FDA, citing a non-clinical lab study, does not recommend co-administration of the drugs. The agency Monday [revoked](#) emergency use authorizations for chloroquine and hydroxychloroquine for COVID-19 treatment.

FDA News Release: <https://www.fda.gov/news-events/press-announcements/coronavirus-covid-19-update-fda-warns-newly-discovered-potential-drug-interaction-may-reduce>

### FDA updates authorization templates for asymptomatic, pooled testing; revokes antibody test

(From AHA Today) The Food and Drug Administration yesterday issued [updated templates for laboratories and manufacturers](#) requesting emergency use authorization for molecular diagnostic tests that screen asymptomatic individuals for SARS-CoV-2 or use pooled samples. The updated templates outline the validation expectations for these testing options.

"The FDA recognizes that organizations may want to conduct screening of asymptomatic individuals as part of a broader strategy to help ensure the safety of their employees, patients, students and others," the agency [said](#). "In addition to these template updates, the FDA has made available [FAQs](#) with information regarding tests for screening asymptomatic individuals."

In other news this week, the agency:

- [revoked](#) the EUA for a SARS-CoV-2 antibody test made by Chembio Diagnostic System Inc. due to performance concerns with the accuracy of the test.

- [posted FAQs](#) and resources on reporting adverse events for medical devices under COVID-19 EUAs or other posted guidance.

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**FEMA Webinars on  
COVID-19 Pandemic Operational Guidance for the 2020 Hurricane Season**

<https://www.fema.gov/media-library/assets/documents/188203>

Download the FEMA "COVID-19 Pandemic Operational Guidance for the 2020 Hurricane Season" on the [FEMA website](#).

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**Johns Hopkins: Health Security Headlines**

Extracts from [June 16](#) & [June 17, 2020](#)

[Could a Global 'Observatory' of Blood Help Stop the Next Pandemic?](#) (*Science*) Michael Mina is out for blood—millions of samples, which a nascent effort dubbed the Global Immunological Observatory (GIO), would monitor for signs of pathogens spreading through the population.

[To Prepare for the Next Pandemic, the US Needs to Change its National Security Priorities, Experts Say](#) (*The Washington Post*) Three months after President Trump declared a national emergency because of the [coronavirus](#), officials and analysts are again asking whether national security should be dramatically recalibrated, this time around the threat of pandemic. "We need to treat this moment like we treated 9/11, recognizing that we have a massive vulnerability in which we have chronically underinvested," said Jeremy Konyndyk, a former senior official at the U.S. Agency for International Development who helped lead the government's response to the 2014 outbreak of Ebola in West Africa.

[When Doctors and Patients Talk About Death Over Zoom](#) (*WIRED*) During the Covid-19 pandemic, palliative care specialists are discovering that technology can add a lot to these difficult discussions.

[Knowledge and Practices Regarding Safe Household Cleaning and Disinfection for COVID-19 Prevention — United States, May 2020](#) (*MMWR*) An Internet panel survey identified gaps in knowledge about safe preparation, use, and storage of cleaners and disinfectants. Approximately one third of survey respondents engaged in non-recommended high-risk practices with the intent of preventing SARS-CoV-2 transmission, including using bleach on food products, applying household cleaning and disinfectant products to skin, and inhaling or ingesting cleaners and disinfectants.

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**President Signs Executive Order on Policing**

[\(IACP - The Lead\)](#) The [AP](#) (6/16, Colvin, Mascaro, Miller) reports that "following weeks of national protests," Trump signed an executive order "that he said would encourage better police practices." The [Washington Post](#) (6/16, A1, Nakamura, Sonmez, DeBonis) reports Trump's approach "seeks to leverage federal grant money to encourage local departments to take action around a set of national 'best practices.'"

[The Hill](#) (6/16, Bolton) reports, "Senate Republicans plan to unveil police reform legislation Wednesday that puts restrictions on chokeholds but does not ban the tactic outright, mirroring an executive order signed by President Trump." Republican senators "revealed certain aspects of their bill after a lunch meeting Tuesday, shortly after Trump signed an order that says state and local law enforcement agencies would need to certify that their policies prohibit the use of chokeholds, except in situations where use of deadly force is permitted by law, in order to receive federal grants to police departments. Sen. Tim Scott (R-S.C.), who is spearheading the GOP's efforts on police reform, said the forthcoming legislation is similar to Trump's order."

**Full text of the EO:** <https://www.whitehouse.gov/presidential-actions/executive-order-safe-policing-safe-communities/>

**Related - Vox - Executive Order on police reform explained:**  
<https://www.vox.com/2020/6/16/21292816/trump-police-reform-executive-order-explained>

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**EarthEx 2020 Upcoming Webinars**

Webinars are free, but seating is limited. May want to participate as a group!

**EARTH EX 2020 - "What If...."**  
**18 June – 2 pm EDT**

<https://attendee.gotowebinar.com/register/2056292760017004047>

This webinar will provide a complete overview of the 2020 version of EARTH EX. Last year EARTH EX was played in over 40 countries around the world by thousands in the boardroom, Emergency Operating Centers, Breakrooms, and family kitchen tables. If you want to peek behind the curtain and learn about the world's largest resilience-focused exercise and how you can maximize its potential for you, your family, or your organization, this the session for you. EARTH EX is open for play to all sectors, communities, organizations, and individuals. And again, this year, EARTH EX is free. This session will present a final overview of the exercise, outline exciting training opportunities, and align participants for a successful EARTH EX

experience. Remember, EARTH EX will be available for play from 1 September to 31 October, and this year you can play multiple times. [\[Good for those curious, and haven't done an EarthEx exercise before.\]](#)

**Meta Grid Resilience –  
Minimum Core Requirements for Critical Lifeline Utilities  
24 June– 2 pm EDT**

<https://attendee.gotowebinar.com/register/152880901991119884>

This EARTH EX 2020 training series webinar focuses on the essential resilience elements to ensure the survival or quick restoration of segments of the critical lifeline utilities, including the energy grid, water systems, and other vital components that support modern society. We live in a tightly interconnected world with active threats to our meta-grid infrastructures that underpin our supply chains and the organizations that employ, sustain, and allow us to advance our civilizations. This session will put these issues in focus to help align activities for reaching higher levels of preparedness and resilience.

[\[Important for those of you that are part of the Critical Lifeline Utilities.\]](#)

**[Preparing the Next Generation of Emergency Service Leaders](#)**

[\(Domestic Prep Journal\)](#) In a world where disasters and other emergency incidents occur every day, emergency service leaders are responsible for bringing calm and structure in the midst of crisis. Some of these leaders will begin this path as early as high school, while others will migrate to the emergency services as their roles and responsibilities change. Emergency management is a constantly evolving profession. Anyone wishing to become an emergency manager or work in emergency services should be able to adjust to an ever changing environment and bring calm and structure to a crisis response. Emergency management studies teach students how to develop critical thinking skills and a thorough understanding of the emergency management cycle and incident management process. As this 2013 article emphasizes, education is key for building strong leaders that can successfully tackle any future disaster.

**Related - [Emergency Management: The State of Preparedness](#)**

The United States has built a solid foundation for emergency preparedness, which is based on the whole community concept of bringing together all levels of government, the private and nonprofit sectors, and the public. However, this 2016 article reminds communities that they must continue to work together and build strong leaders in order for the nation to withstand the many natural and human-caused incidents that may occur.

**FEMA NIMS Alert 16-20: Updated NIMS IS-700.b**

[IS-700.b An Introduction to the National Incident Management System](#)

**2020 KY Trauma and Emergency Medicine Symposium POSTPONED  
New dates October 21-22, 2021**

Pre-conference workshops October 20, 2021  
Galt House Hotel, 140 N. Fourth Street, Louisville, KY  
For program updates and registration, visit [NortonCME.com](http://NortonCME.com).

**KY Public Health**

**[Save-the-date](#) - August 19-20  
10-2 PM ET via ZOOM**

**3rd Annual KY Harm Reduction Summit**

*Keynote speakers, breakout sessions, and panel discussions.*

*Additional information on how to register, speakers and topics, and continuing education info will be sent in the beginning of July.*

**NETEC Webinar**

**Challenges, Strategies, and Lessons Learned: COVID-19 in EMS  
Friday, June 19, 1 PM ET/12 Noon CT**

[Register here](#) and if you're unable to make it, we will send you the recording.

**InfraGard Webinar**

***Real-Life Hacker Stories: Lessons Learned from Recent Breach Investigations***

Thursday, June 25 @ 6pm EDT

**You must register in advance for this webinar:** <https://immacyberjune2020.eventbrite.com>

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 [rbartlett@kyha.com](mailto: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.