



Kentucky Hospital Research & Education Foundation

Emergency Preparedness Update

for June 9, 2020

KY COVID-19 Numbers

New deaths: 5; Total: 477
245 News Cases; Positive: 11,708
Recovered: 3,365
Total tests: 287,597

----- Global COVID-19 cases top 7 million, deaths exceed 400,000

With cases in Europe declining but numbers quickly growing in the Americas and other hot spots, the global COVID-19 total today passed 7 million cases, with deaths topping 400,000.

It took 9 days for cases to climb from 6 million to 7 million, the same span it took to move from 5 million to 6 million. As of today, the global total stands at 7,081,665 cases, and 405,002 people have died from their infections, according to the Johns Hopkins [online dashboard](#).

Read more: <https://www.cidrap.umn.edu/news-perspective/2020/06/global-covid-19-cases-top-7-million-deaths-exceed-400000>

Related - WHO Says Coronavirus Pandemic Growing Globally

The World Health Organization says the coronavirus pandemic is growing globally, with particularly worrisome trends in South Asia and Latin America. There are now more than seven million confirmed cases worldwide. The WHO also said that asymptomatic spread -- thought to be one of the major ways the virus exploded in its early days -- now appears to be "very rare." A new study out of UC-Berkeley estimates that lockdowns and other emergency measures prevented 60 million new infections in the U.S.

Read more: <https://www.businessinsider.com/who-its-rare-for-asymptomatic-people-to-spread-the-coronavirus-2020-6>

----- **The US government's supply of Covid-19 drug remdesivir runs out at the end of the month**

(CNN Health) The US government's current supply of remdesivir, the only drug known to work against Covid-19, will run out at the end of the month, Dr. Robert Kadlec, a US Department of Health and Human Services official, told CNN. The government's last shipment of the drug will go out the week of June 29. Gilead Sciences, the company that makes the drug, is ramping up to make more, but it's unclear how much will be available this summer.

"Right now, we're waiting to hear from Gilead what is their expected delivery availability of the drug as we go from June to July," Kadlec said. "We're kind of not in negotiations, but in discussions with Gilead as they project what the availability of their product will be."

Read more: <https://edition.cnn.com/2020/06/07/health/remdesivir-donation-runs-out-coronavirus/index.html>

----- **CDC Coronavirus What's New?**

- **What Workers and Employers Can Do to Manage Workplace Fatigue during COVID-19 (May 19)**
https://www.cdc.gov/coronavirus/2019-ncov/hcp/managing-workplace-fatigue.html?deliveryName=USCDC_964-DM30121
- **Resuming Business Toolkit (May 21)**
https://www.cdc.gov/coronavirus/2019-ncov/community/resuming-business-toolkit.html?deliveryName=USCDC_964-DM30121
- **Protect Yourself and Others from COVID-19 When Visiting Parks and Recreational Facilities Tuesday, June 9, 2020**
- **Staffing Resources** Tuesday, June 9, 2020
- **Frequently Asked Questions and Answers: Coronavirus Disease 2019 (COVID-19) and Pregnancy** Tuesday, June 9, 2020
- **Global COVID-19** Tuesday, June 9, 2020

----- **NIMS Alert 15-20: FEMA Releases** **Business Emergency Operations Center Quick Start Guidance**

Engagement and integration of businesses and other organizations is critical as communities work to implement reopening plans aligned to the President's Guidelines for Opening Up America Again and informed by available Community Mitigation Guidance and guidance for businesses and workplaces. The "[Business Emergency Operations Center \(BEOC\) Quick Start Guidance](#)" provides states, locals, tribes and territories with foundational concepts for establishing a Business Emergency Operations Center (BEOC) to support their response and recovery operations for COVID-19.

Establishing a BEOC provides a jurisdiction a consistent integration point for private and public coordination for sustained response and recovery operations throughout the COVID-19 pandemic, with no requirement for

physical contact. To view the "Business Emergency Operations Center Quick Start Guidance", visit <http://www.fema.gov/plan>.

Second Ebola outbreak in DRC - Cases rises to 12 cases

([CIDRAP News Scan](#)) Twelve cases have now been reported in a new Ebola outbreak in northwestern Democratic Republic of the Congo (DRC), up from eight last week. The World Health Organization (WHO) confirmed in an email today that there are 12 cases in Equateur province, which includes 9 confirmed and 3 probable infections. Five deaths have been reported.

In other developments, genetic sequencing of a sample from the outbreak suggests that the emergence likely reflects a new spillover from animals to humans, according to findings from scientists at the National Institute for Biomedical Research (INRB) in Kinshasa posted on virological.org, a hub for prepublication data designed to assist with public health activities and research.

The outbreak, centered in Equateur province's Mbandaka health zone, is where a smaller outbreak was reported in 2018 that resulted in 54 illnesses, 33 of them fatal. The new event marks the DRC's 11th Ebola outbreak since 1976.

The country is still managing an outbreak in the eastern part of the country, where a 42-day countdown is underway until that outbreak is declared over on June 25 if no new cases are reported. That outbreak, which began in August 2018, stands at 3,463 cases, 2,268 of them fatal, according to the WHO's online dashboard. Jun 5 virological.org [post](#) - WHO online Ebola [dashboard](#)

Low COVID-19 diagnostic test sensitivity complicates containment Concern is high false-negative rates

([CIDRAP News Scan](#)) More attention should be paid to the high false-negative rates of COVID-19 diagnostic tests, according to a commentary published late last week in the *New England Journal of Medicine*.

False-positive results (testing positive when a patient doesn't have the disease) can lead to unnecessary quarantine and contact tracing, while false-negative results (testing negative in spite of having COVID-19) can lead to spread of the disease by infected yet asymptomatic people.

The US Food and Drug Administration (FDA) has issued Emergency Use Authorizations to test manufacturers, as well as guidance on test validation. As of Jun 1, no test manufacturer had reported results of clinical sensitivity assessments of their tests. But the authors cite research studies that suggest a 70% sensitivity for available tests, which indicates the likelihood that the results will be negative for pathogens other than the novel coronavirus.

"At this sensitivity level, with a pretest probability of 50%, the post-test probability with a negative test would be 23%—far too high to safely assume someone is uninfected," they wrote. "Diagnostic testing will help in safely opening the country, but only if the tests are highly sensitive and validated under realistic conditions against a clinically meaningful reference standard."

They called for the FDA to require test manufacturers to detail their tests' clinical sensitivity and specificity at market authorization. Because testing people who have no symptoms is urgently needed, the authors highlighted the importance of developing prediction rules for estimating the pretest probability of infection for both asymptomatic and symptomatic people to enable calculation of posttest probabilities after positive or negative results, as well as the development of thresholds for ruling out infection in different clinical situations.

"Negative results even on a highly sensitive test cannot rule out infection if the pretest probability is high, so clinicians should not trust unexpected negative results," they wrote. "It's possible that performing several simultaneous or repeated tests could overcome an individual test's limited sensitivity; however, such strategies need validation." Jun 5 *NEJM* [commentary](#)

FDA Reveals COVID-19 Antibody Test Kit Performance Data to Public

As part of a validation study, the U.S. Food and Drug Administration (FDA) publicly posted test performance data from four antibody test kits this week. This independent performance validation effort is being undertaken alongside the National Institutes of Health's National Cancer Institute (NCI). Additional data is expected as the FDA peruses test kit data and decides whether further actions are required before publication. (Homeland Preparedness News, 6/8/20)

DOD Targets Increased Ventilator, Respirator Production

Hollingsworth & Vose has secured a \$2.2 million Department of Defense contract to increase domestic ventilator and respirator production. The effort involves producing 27.5 million N95 filters, and 3.1 million N95 respirators per monthly, beginning in August. The endeavor is in support of the US Department of Health and Human Services (HHS). (Homeland Preparedness News, 6/5/20)

KY Public Health HARM REDUCTION SUMMIT
Changing to a ZOOM meeting in mid-August.

Watch for a new "save-the-date" flyer with additional information including who should attend, registration, and continuing education offerings. Address questions to: Jim House jamesr.house@ky.gov

**Kentucky Mandates Course for Police Officers On
Bias, Use Of Force, Community Relationships**

(IACP News) The [Louisville \(KY\) Courier-Journal](#) (6/8) reports, "In response to police issues in Louisville and across the country, Kentucky Gov. Andy Beshear's administration is mandating that all of the commonwealth's law enforcement officers complete an 8-hour course on several topics by the end of the calendar year." According to the Courier-Journal, "J. Michael Brown, secretary of the state's Executive Cabinet, said that due to the COVID-19 pandemic, the commonwealth had to suspend cadet and in-service training for law enforcement officers. As the Beshear administration reopens other parts of the economy, Brown said, the training will resume. The Kentucky Department of Criminal Justice Training is working on developing an eight-hour course, mandatory for all officers. The course will include at least six topics," including implicit bias, use of force, civil rights laws, ethics/accountability, emotional intelligence, and community relationships.

Related - Police Officers being targeted
FBI looks for link between 2 ambush killings of officers

The FBI and local investigators are trying to determine a possible link between the ambush-style killing of a Northern California sheriff's deputy Saturday night and that of a federal officer who was fatally shot outside the U.S. courthouse in Oakland more than a week ago. Both involved shooters in a van.

More: <https://www.detroitnews.com/story/news/nation/2020/06/07/deputy-killed-officers-shot-california-ambush/111916292/>

Related - IED thrown at Justice Center concusses 2 deputies
<https://www.koin.com/news/crime/ied-thrown-at-justice-center-concusses-2-deputies/>

EarthEx Webinar
EMP Resilience - Protecting and Hardening

Thursday, June 11, 2 PM ET

More info & register: <https://attendee.gotowebinar.com/register/4423609463951912463>

InfraGard Webinar Series
Securing the Health Sector
Active Shooter at a Clinic in 2012

Friday, June 12, at 1:00 - 2:30 pm ET

[Click here to register.](#)

You must register in advance to attend the webinar.

After you register, you'll receive connection details directly from GoToWebinar.

Emergency Department: Nursing Recovery and Preparing for a Second Wave
Thursday, June 11, at 12:00 - 1:00 pm ET - [Click here for registration](#)

Join presenters to discuss emergency management resources and information that can be utilized to improve effective hospital and emergency department function during the COVID-19 pandemic.

GE Healthcare Webinar
Advanced 3D Model Printing made Simple

Thursday, May 18, 12 Noon ET

REGISTER NOW

Create 3D printed models and use them in education and training for interventional procedures. In addition, you will learn:

- The benefits of 3D printing in healthcare
- Important considerations in selecting 3D printers/materials
- How 3D printing applies to various anatomical and pathological models

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 rhartlett@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.