



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for August 1, 2021

COVID-19: Fauci warns 'things are going to get worse' amid Delta surge

(UPI) Dr. [Anthony Fauci](#) on Sunday said he believes "things are going to get worse" as the United States experiences a surge in [COVID-19](#) cases but added he does not expect widespread lockdowns to return. ABC News' *This Week* host John Karl asked Fauci if he believes the current surge, which has seen all 50 states report rising cases in the past seven days, according to [Johns Hopkins](#) University, is [just a "temporary setback"](#) amid the presence of the more infectious Delta variant.

The United States continues to lead the world with 34,984,164 total infections since the start of the pandemic and 613,172 deaths, according to Johns Hopkins data. On Saturday, the CDC reported an increase of 101,171 cases and 451 deaths on Saturday.

The CDC also reported that [82.2% of infections](#) reported from July 4-17 were caused by the Delta variant.

On Saturday, the CDC reported Florida recorded its [highest single-day total](#) of new cases since the start of the pandemic with 21,683 infections. The total is 12.1% higher than the state's previous record of 19,334 on Jan. 7, amid the worst month of the pandemic as daily case totals were regularly greater than 10,000. Florida also has the [highest hospitalization rate](#) at about 38 per 100,000 as the [CDC reported](#) the seven-day average in hospitalizations from July 23-29 was 6,071 nationally.

Full story: https://www.upi.com/Top_News/US/2021/08/01/COVID-19-Fauci-warns-things-get-worse-Delta-surge/5241627830120/

Related Story [U.S. administers 346.5 million doses of COVID-19 vaccines](#)

Over 230 Staff at 2 San Francisco Hospitals Test Positive for COVID Most are breakthrough cases

(ABC/KGO) Two major San Francisco hospitals - Zuckerberg San Francisco General and UCSF - are reporting more than 230 staff members infected with COVID - most of them breakthrough cases.

"More staff are getting COVID than we saw before, and it's mostly vaccinated staff. And that's just because of the easing of restrictions," said Dr. Lukejohn Day, the Chief Medical Officer of San Francisco General Hospital. "We are seeing it among physicians, nurses, ancillary staff, we sort of are seeing that across the board."

Learn more: <https://abc7news.com/coronavirus-outbreak-san-francisco-general-hospital-sf-covid-ucsf/10920805/>

Pandemic exhaustion causing some nurses to leave emergency departments as 4th COVID surge approaches

Story: <https://abc7news.com/coronavirus-surge-4th-wave-nurse-shortage/10922472/>

I'm An ICU Doctor And I Cannot Believe The Things Unvaccinated Patients Are Telling Me

"My experiences in the ICU these past weeks have left me surprised, disheartened, but most of all, angry."

(HuffPost) https://www.huffpost.com/entry/icu-doctor-health-care-workers-unvaccinated-patients_n_6102ad2ae4b000b997df1f17

States that ban drivers' cellphone use see drop in accident deaths, study finds

(UPI) States with hands-free cellphone restrictions for drivers have fewer driver deaths, a study published Thursday by the journal [Epidemiology](#) found. However, those with regulations that allow for calls and texts and those that ban calling and texting only still have high numbers of fatal accidents, the data showed. The 18 states that issued comprehensive bans on using handheld cellphones while driving between 1999 and 2016 saw about a 7% reduction in the number of accidents with driver fatalities over the 17-year period, the researchers said. Still, they did not see any decreases in non-driver fatalities or in total motor vehicle accident-related deaths during that time.

Read more: https://www.upi.com/Health_News/2021/07/29/traffic-accidents-hands-free-cellphone-study/6741627581468/

RELATED Study: U.S. saw record rise in pedestrians killed by vehicles in 2020, despite COVID-19

Warming rivers in US West killing fish, imperiling industry

(AP) Baby salmon are dying by the thousands in one California river, and an entire run of endangered salmon could be wiped out in another. Fishermen who make their living off adult salmon, once they enter the Pacific Ocean, are sounding the alarm as blistering heat waves and extended drought in the U.S. West raise water temperatures and imperil fish from Idaho to California. The West has been grappling with a [historic drought](#) and

recent heat waves worsened by climate change, stressing waterways and reservoirs that sustain millions of people and wildlife.

Full AP story: <https://apnews.com/article/business-environment-and-nature-fish-climate-change-5c85e86a2ba18171ca55d5de8f89dea3>

Method to desalinate water using solar energy

Ural Federal University (UrFU) power engineers recently developed a new desalination technology that will reduce the cost of desalination and quadruple the volume of production. The results of the research are published in the journal Case Studies in Thermal Engineering.

UrFU scientists, together with colleagues from Iraq, have developed a hybrid technology to increase the efficiency of evaporation inside a solar distiller by means of a rotating hollow cylinder and a solar collector.

Full story: <https://www.bignewsnetwork.com/news/270539490/method-to-desalinate-water-using-solar-energy>

August 5 @ 1:00 am - 2:00 pm EST

**IMA Webinar Broadcast: Federal Perspectives on UAS Safety and Security
Presented by InfraGard National Capital Region**

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As personal and commercial use of Unmanned Aircraft Systems (drones) expands, staying apprised of current safety and security policies is critical for both new and seasoned pilots/operators.

In this webinar, we'll provide a current UAS intelligence briefing. DHS and FAA subject matter experts will provide up to date guidance and resources.

- Topic: The U.S. Critical Infrastructure and sUAS Security & Public Awareness Resources
- Topic: Overview of UAS Security and current FAA efforts
- Topic: Strategies for countering the UAS Threat

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.