



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for January 23, 2021

KY COVID Number for January 23, 2021

There were 3,795 new cases, with 614 of the cases 18 or under. There were 49 new deaths recorded today. The current positivity rate is 10.56%. There are 1,604 hospitalized with COVID-19, including 403 in the ICU and 209 on vents. Full stats for today: <https://chfs.ky.gov/agencies/dph/covid19/COVID19DailyReport.pdf>

Moderna and Pfizer Need to Nearly Double COVID-19 Vaccine Deliveries to Meet Goals

(NPR) With a spotlight on COVID-19 vaccine distribution shortcomings, there's another bottleneck that could prevent inoculations from significantly speeding up in the near future: Pfizer's and Moderna's ability to scale up manufacturing and deliver doses to the U.S. government.

The companies promised to deliver 100 million doses apiece to the United States by the end of March. But they'll need to make huge leaps in a short time to meet that goal.

3-minute podcast and more: <https://www.npr.org/sections/health-shots/2021/01/22/959732433/moderna-and-pfizer-need-to-nearly-double-covid-19-vaccine-deliveries-to-meet-go>

Related story - Pfizer ships fewer COVID-19 vaccine vials to U.S. after Trump FDA label change

Read more: <https://www.politico.com/news/2021/01/22/pfizer-coronavirus-vaccine-doses-461537?cid=apn>

COVID-19 contracted by scores of National Guard members in Washington

(NY Post) Scores of National Guardsmen sent to Washington, DC, to [protect the nation's capital](#) during the presidential inauguration have tested positive for COVID-19, it was revealed Friday. Nearly 200 have contracted the virus after enduring cramped rest areas and close working quarters, defense officials told the [Wall Street Journal](#). Some Guardsmen were told to disregard their quarantine — or cut it short — leading up to the deployment due to the urgent need for troops in DC [after the US Capitol riot](#), they said.

Story link: <https://nypost.com/2021/01/22/nearly-200-national-guardsmen-sent-to-dc-contract-covid-19/>

New concerns raised over South African variant of COVID-19

The race to get people vaccinated is more critical than ever as new research shows the South African variant of COVID-19 has some resistance to antibodies. CBS News foreign correspondent Debora Patta reports from South Africa, and then John Moore, a professor of microbiology and immunology at Weill Cornell Medical College, joined CBSN's Tanya Rivero to explain what this means for the fight against the pandemic.

Learn more: <https://news.yahoo.com/concerns-raised-over-south-african-201047335.html>

The dirtiest city in the US might surprise you ...and Lexington is on the “other” list!

(BGR) When you hear the term “big city” your mind might draw up an image of a metropolis bustling with people and vehicles. In some cases, that image is also tainted by thoughts of pollution, litter, and other nastiness that can sometimes plague locations with large numbers of residents. Air pollution, water pollution, greenhouse gas emissions, and the burning of fossil fuels all contribute to how “clean” or “dirty” a city is, but there are many other factors at play here as well.

To come up with each city's place on the list, the researchers gathered data from sources including the Environmental Protection Agency, the Department of Energy, the U.S. Census Bureau, and the Texas A&M Transportation Institute. Levels of air and water pollution were factored in, but other metrics were also included, such as the number of homes with cockroaches, the prevalence of mold in homes, the amount of recycling that residents do, and even the quality of infrastructure, like roads.

Each of these (and many other) metrics were weighted and then applied across all the cities on the list. The result is a ranking of the 200 biggest cities in the US in order from dirtiest to cleanest.

Can you guess the *cleanest* city in the country? Winston-Salem, NC. Lexington, KY is #10!

The dirtiest cities include Los Angeles, Newark, Houston, New York, New Orleans, Memphis, and Chicago.

Read more and see the full lists: <https://bgr.com/2021/01/19/dirtiest-cities-in-the-us-ranking-list/>

The KHEREF 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 KHEREF are supported by US DHHS ASPR HPP funds through a contract with Kentucky Public Health.