Kentucky Hospital Research & Education Foundation
Emergency Preparedness Update
for May 24, 2021

KY COVID Update

(KY Daily Report Summary) There were 263 new cases reported today, with 47 cases 18 and under. The positivity rate is 2.61%. There were three new deaths recorded, with 1 new audit death.

COVID testing's value shrinks as vaccines beat back virus

(AP) Federal health officials' new, more relaxed recommendations on masks have all but eclipsed another major change in guidance from the government: Fully vaccinated Americans can largely skip getting tested for the coronavirus.

The Centers for Disease Control and Prevention said last week that most people who have received the full course of shots and have no COVID-19 symptoms don't need to be screened for the virus, even if exposed to someone infected.

The change represents a new phase in the epidemic after nearly a year in which testing was the primary weapon against the virus. Vaccines are now central to the response and have driven down hospitalizations and deaths dramatically.

Experts say the CDC guidance reflects a new reality in which nearly half of Americans have received at least one shot and close to 40% are fully vaccinated.

Read more: https://www.newser.com/article/f38d721af1d6658727da3d5ebcb63641/covid-testings-value-shrinks-as-vaccines-beat-back-virus.html

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Congressional Democrats have a 100% vaccination rate
For Republicans: at least 44.8% of House members and at least 92% of senators are vaccinated

Full story: https://www.wpsdlocal6.com/news/congressional-democrats-have-a-100-vaccination-rate/article_284bbf08-bbf8-11eb-82c0-83e6431da57a.html

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COVID-19 lockdowns led to 95K fewer air pollution-related deaths globally

(UPI) Business closures and stay-at-home orders intended to stem the spread of COVID-19 cut deaths caused by air pollution by an estimated 95,000 globally in 2020, an analysis published Friday by Science Advances found. Lockdown measures imposed on and off in many countries since the start of the pandemic in March 2020 resulted in up to a 50% reduction in concentrations of nitrogen dioxide, a direct emission from vehicles and coal-powered electricity plants, in the air worldwide, the data showed. However, while lockdowns may have led to a more than 30% drop in microscopic particulate matter released into the air as a result of burning fuel, as well as an up to 28% decline in ozone in parts of Asia, their effects in Europe and the United States were negligible. Full stoy: https://www.upi.com/Health_News/2021/05/21/coronavirus-air-pollution-deaths-study/5681621619937/

FDA Issues Reminder about the need to provide clear instructions
to patients who self-collect a nasal sample for SARS-CoV-2 Testing

Reissue of October 7, 2020 guidance: https://www.fda.gov/medical-devices/letters-health-care-providers/recommendations-providing-clear-instructions-patients-who-self-collect-anterior-nares-nasal-sample

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CNN Report on Rural ambulance crews are running out of money and volunteers.
In some places, the fallout could be nobody responding to a 911 call

See and read more: https://www.cnn.com/2021/05/22/us/wyoming-pandemic-ems-shortage/index.html

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UK's Well@Work Podcast- Episode 21:
Meaning Making - https://youtu.be/Zyt84fLrIKE
You can also visit the episode page for the audio version and transcript!
https://www.uky.edu/ctac/content/wellwork-podcast-episode-21-meaning-making

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CDC Clinician's Call
Underlying Medical Conditions and Severe COVID-19:
Evidence-based Information for Healthcare Providers
Thursday, May 27, 2-3 PM ET
(See more and get connection info: https://emergency.cdc.gov/coca/calls/2021/callinfo_052721.asp)

CIDRAP News Extracts
Low oxygen levels, shallow breathing tied to COVID death

President bolsters extreme weather preparation funding during FEMA visit

(CNN) President Joe Biden on Monday announced his administration would invest $1 billion in extreme weather preparation ahead of hurricane season.

"We're going to spare no expense, no effort, to keep Americans safe and respons to crises when they arise, and they certainly will," Biden said during a visit to Federal Emergency Management Agency headquarters.

The President noted last year set a record for the number of named storms, and said the new funding would prepare the US for the upcoming hurricane and fire seasons across the country. FEMA will provide $1 billion in 2021 -- double the amount last year -- for the Building Resilient Infrastructure and Communities program, and a portion of that will target disadvantaged communities, according to the White House.

The $1 billion will be directed to communities, states and tribal governments for "pre-disaster mitigation resources to prepare for extreme weather events and other disasters," the White House said in a fact sheet.

The administration will also tap NASA to develop "next generation climate data systems" to track the impact of climate change via its Earth System Observatory.

The announcement was first reported by the Washington Post.

Full story: https://www.cnn.com/2021/05/24/politics/fema-climate-change-biden-funding/index.html
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CDC Publishes First Comprehensive Clinical Care Guidelines
for Diagnosing and Treating Botulism

(CDC) Through a multi-year process involving extensive expert input and six systematic reviews of 100 years of scientific literature, the Centers for Disease Control and Prevention (CDC) has developed and published the first comprehensive clinical guidelines for botulism in CDC's *Morbidity and Mortality Weekly Report*.

These guidelines provide:

- Recommended best practices for diagnosing, treating, and monitoring people with botulism.
- Special considerations for infants, children, and pregnant or breastfeeding patients.
- Suggestions for supportive care, including psychosocial support for patients and family members.

These guidelines are designed so they may be used when treating one patient or multiple patients. They would be especially beneficial during an outbreak when resources (i.e., ventilators, medical staff, antitoxin) might be in short supply.

Other new resources for treating patients with botulism include CDC's video on preparing and administering antitoxin and step-by-step guidance for clinicians of patients with infant botulism.

Below are the upcoming InfraGard events:

May 25 @ 8:30 am – 1:00 pm PST
IMA Webinar Broadcast: Supervisory Control & Data Acquisition (SCADA) & Industrial Control Systems (ICS) Vulnerabilities
Presented by InfraGard Los Angeles | Contact: IGLATraining@infragardlosangeles.org.
InfraGard Los Angeles and CT Watch, Inc. present Supervisory Control & Data Acquisition (SCADA) & Industrial Control Systems (ICS) Vulnerabilities Webinar.***There are 4.5 ASIS credits available for this course. According to the Cybersecurity and Infrastructure Security Agency (CISA), there are 16 critical infrastructure sectors whose assets, systems, and networks, whether physical or virtual, are considered so vital to the United States that their incapacitation or destruction would have a debilitating effect on security, national economic security, national public health or safety, or any combination thereof. In this course we will examine the unique threats and vulnerabilities in these sectors, specifically taking an in-depth look at Insider Threat and all that it encompasses.
Click to register.

May 26 @ 1:00 pm - 2:30 pm EST
IMA Webinar Broadcast: Risk Management and What Do Security Researchers Do?
Presented by InfraGard Boston | Contact: briggsd@netscout.com
Tyler Reguly, Manager Security R&D, VERT will discuss risk and prioritization in the environment including the value of CVSS and other metrics. Craig Young, Principal Security Researcher : Will give us a glimpse into the tools and techniques utilized by security researchers when investigating new vulnerabilities.
Click to register.

May 27 @ 1:00 pm - 2:00 pm EST
A CISO Developed Third Party Risk Management Framework
Contact: Troy@cyberleadersunite.com
Over a dozen CISOs recently contributed to developing a framework designed to be a powerful tool to build, manage, and scale a third-party risk management program. The foundation of this framework consists of a set of guiding principles identified by members, which are critical to a successful third-party risk management program. The tool presents these disciplines in a sequential order which cybersecurity leaders can follow as a guide to developing their program, and include:

1. Contract Management & Process Intake
2. Assessment, Evaluating, and Tiering of Business Partner Risk
3. Engagement with Business Partners
4. Monitoring the Health of Business Partners
5. Third-Party Risk Solutions

Click to register.

May 27 @ 1:00 pm - 2:00 pm EST
IMA Webinar Broadcast: The FBI's Internet Crime Complaint Center (IC3)
Presented by InfraGard National Capital Region | Contact: Events@InfraGardNCR.org
Over the years, the Internet crime landscape has broadened from non-delivery schemes and credit card fraud to ransomware and data breaches costing both individuals and businesses millions of dollars each year. The Internet Crime Complaint Center (IC3) is the FBI's reporting mechanism for suspected Internet facilitated criminal activity. Agents and Analysts pour through hundreds thousands of complaints each day to build investigative referrals for law enforcement agencies throughout the country. In this webinar, you will learn about reported Internet crime trends, the complaint process, the FBI's Recovery Asset Team and the IC3's annual report.
Click to register.

May 27 @ 1:00 pm - 2:30 pm EST
IMA Webinar Broadcast: Who You Going to Call?
Presented by InfraGard Boston | Contact: briggsd@netscout.com
Besides the FBI - Who can you call? We have presenters from the MA State Police, NH CISA and the Secret Service. Please join us to meet some other agencies - what they do and how they protect us.
Click to register.

June 3 @ 9:00 am – 1:30 pm PST
IMA Webinar Broadcast: Violent Extremism Awareness and Prevention (VEAP)
Presented by InfraGard Los Angeles | Contact: IGLATraining@infragardlosangeles.org
InfraGard Los Angeles and GRIPSA present Violent Extremism Awareness and Prevention (VEAP). This course is designed to provide the knowledge and tools to recognize and understand the indicators and warning of violent extremist beliefs, groups, communications and activities, with an aim for providing proactive reporting to the proper authorities in order to thwart dangerous plots and attacks. It examines international, transnational, domestic and single-issue extremism, and both the politically far right and far left violent extremes. VEAP participants or students include private security and other concerned private sector partners, public safety and government officials, non-profit entities and anyone else concerned about the threat of terrorism and violent extremism in our society. ***There are 4.5 ASIS credits available for this course
Click to register.