Kentucky Hospital Research & Education Foundation
Emergency Preparedness Update
for May 21, 2020

It's National STOP THE BLEED® Day!
Learn more: https://nationalstopthebleedday.org/

Kentucky COVID Updates
New cases: 166, Total: 8,167
New Deaths: 10 (6 from LTC); Total: 376
Total tested: 158,672; Recovered: 2,919
Currently in an ICU: only 98!

In remarks during the Governor's Press Conference today Dr. Steven Stack indicated that the FEMA shipment of PPE to Long Term Care facilities has been delayed, so the state is shipping K-N95 masks, face shields, gloves, gowns and FEMA cloth masks to LTC facilities across the state to help them bridge the gap until the larger federal shipments arrive.

[Note a copy of the latest Governor's Press Release will be posted on this site later this evening if you would like to read more: https://governor.ky.gov/news*]*

----- *From AHA Today for May 21, 2020* -----

HHS backs AstraZeneca COVID-19 vaccine candidate, could be ready by October. A collaboration between the Department of Health and Human Services and AstraZeneca is projected to make available 300 million doses of a COVID-19 vaccine, the first of which could be available as early as October, HHS today said. The agreement is part of the White House's Operation Warp Speed, a public-private effort to facilitate, at an unprecedented pace, the development, manufacturing and distribution of COVID-19 countermeasures. HHS says phase three clinical studies of AZD1222 are set to start in the summer. The Food and Drug Administration must still approve an emergency use authorization or licensure in order to make the vaccine available. AZD1222 is the fourth vaccine candidate to receive HHS' Biomedical Advanced Research and Development Authority support for late-state development and manufacturing. BARDA can provide up to $1.2 billion for vaccine manufacturing technology transfer, process development, scaled-up manufacturing and other development activities.

CDC issues updated guidance for newborns at risk for COVID-19. The Centers for Disease Control and Prevention yesterday issued revised guidance for pediatric clinicians on caring for newborns with confirmed or suspected COVID-19 or known COVID-19 exposure, including birth to a mother with confirmed or suspected COVID-19. According to the CDC, data suggest that infants under one year old may be at higher risk for severe illness from COVID-19 compared with older children. The new guidance covers the diagnosis, evaluation, infection prevention and control practices for children younger than 29 days old.

----

1 in 5 Hospitalized NYC COVID-19 Patients Needed ICU Care

(HealthDay News) -- More than one-fifth of hospitalized COVID-19 patients in New York City have critical illness, and nearly 80% of critically ill patients need ventilators to help them breathe, according to a new study.

The findings have important implications for U.S. hospitals, specifically the need to prepare for large numbers of COVID-19 patients who require intensive care, the researchers said. The study was published May 19 in *The Lancet* journal. Read more: https://www.medicinenet.com/script/main/art.asp?articlekey=231925

U.S. nursing homes plagued by infection control issues pre-COVID-19: report
Read more: https://news360.com/article/528735835

Report: Rural Ohio Valley Counties Lack Sufficient Coronavirus Tests
Learn more: https://wfpl.org/rural-ohio-valley-counties-lack-sufficient-coronavirus-tests-report-says/

Norton Healthcare now allowing anyone to be tested for COVID-19

(WDRB) -- Norton Healthcare is making COVID-19 testing available to anyone - even those without symptoms.

Up until now, with few exceptions, the only people eligible to receive a test have been healthcare workers, first responders, essential workers, or anyone experiencing symptoms like fever, chills, muscle pain, shortness of breath, coughing, and a rash. Anyone experiencing those symptoms should be tested immediately.

According to a news release, Norton Healthcare now has enough testing kits to allow anyone in the community to be tested. A limited supply of test kits early on meant that testing had to be prioritized for health care workers and the most vulnerable people, including people already hospitalized experiencing COVID-19 symptoms.

Full story: https://www.wdrb.com/news/norton-healthcare-now-allowing-anyone-to-be-tested-for-covid-19/article_7db9bb2c-9b6d-11ea-989a-6b97f428011b.html

----

As States Locked Down In March, Motor Vehicle Fatality Rate Spiked By 14%

(NPR) In March, as states around the country began implementing stay-at-home orders and commuters got off the road, traffic dropped, but a new National Safety Council report finds that the number of motor vehicle fatalities per miles driven increased by 14% compared to the March 2019 rate.

The total number of motor-vehicle-related deaths dropped by 8% in March of this year compared to March 2019, but the number of miles driven dropped by over 18%, due to myriad COVID-19 related impacts.

The National Safety Council analysis counts a fatality as anyone involved in a motor vehicle accident; drivers, passengers, pedestrians and cyclists.

When the Council compared the number of fatalities to the number of miles driven in March 2020 to March 2019, that's where analysts saw the 14% spike.

Read more: https://www.npr.org/sections/coronavirus-live-updates/2020/05/20/859829779/as-states-locked-down-in-march-motor-vehicle-fatality-rate-spiked-by-14

Related - US Roadway Death Rate Up In March Despite COVID-19 Restrictions

(IACP News) The AP (5/20) reports from Detroit, Michigan, "The rate of fatal automobile crashes in the U.S. jumped dramatically in March, even though the number of miles driven plummeted due to coronavirus stay-home orders." The National Safety Council "said Wednesday that based on preliminary figures from states, the number of fatal crashes per 100 million miles driven rose an 'alarming' 14% compared with March of 2019." The council "pointed to anecdotal reports from states of an increase in reckless driving and speeding due to nearly traffic-free highways during shutdowns that were in effect in March, the latest month for which statistics are available. 'Per mile traveled, our roads are less safe than they were prior to COVID-19,' said Ken Kolosh, the safety council's manager of statistics. The increase came even though stay-home orders didn't start in much of the nation until the middle of March, Kolosh said," and "yet the number of fatalities per 100 million miles driven was 1.22 in March compared with 1.07 a year earlier."

> >> *NOTE: Current Kentucky data, and a summary* <<
> https://transportation.ky.gov/HighwaySafety/Pages/DailyFatalitySummary.aspx

---

CDC Coronavirus What's New?
- COVID-19 Contact Tracing Training Guidance and Resources Thursday, May 21, 2020
- Key Strategies to Prepare for COVID-19 in Long-term Care Facilities (LTCFs) Thursday, May 21, 2020
- Cruise Ship Crew Member Disembarkations Thursday, May 21, 2020
- Staffing Resources Thursday, May 21, 2020
- K-12 Schools and Childcare Programs Thursday, May 21, 2020
- Considerations for Institutes of Higher Education Thursday, May 21, 2020

CDC Updated/Expanded Guidance on Opening:
https://www.cdc.gov/coronavirus/2019-ncov/downloads/php/CDC-Activities-Initiatives-for-COVID-19-Response.pdf

(From Appendix F) CDC - Interim Guidance for Schools and Child Care
https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/guidance-for-schools.html
CDC Guidance for Child Care that Remain Open:
https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/guidance-for-childcare.html

CDC - How COVID-19 Spreads:
https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/how-covid-spreads.html

----

FDA COVID-19 What's New?
- **Coronavirus (COVID-19) Update: FDA Provides Promised Transparency for Antibody Tests** (May 21)

Educational programing coming up

SPECIAL HHS/ASPR COVID-19 CLINICAL ROUNDS:
COVID-19 and Pediatrics
Friday, May 22, at 12:00 pm ET
Click here for registration and connection information
Join presenters to discuss how COVID-19 has impacted pediatric medicine and emerging threats in pediatrics.

CMS Lessons from the Front Lines: COVID-19
Friday, May 22, at 12:30 pm ET
Click here for registration and connection information
Join CMS Lessons from the Front Lines to learn about CMS flexibilities, best practices during the COVID-19 pandemic, updates from the federal response, and to hear perspectives from care providers.

InfraGard, DHS & HHS
Securing the Health Sector - "Animal Rights Extremists"
Friday, May 22, at 1:00 pm ET
Click here for registration and connection information
This week's offering, "Animal Rights Extremists," will offer a strategic, introductory-level overview of these extremists' targets and tactics, discussions of some recent criminal activity affecting the health sector and other sectors, and an assessment of the threat environment in 2020.

ASPR TRACIE Webinars
Funding Sources for the Establishment and Operationalization of ACS
Friday, May 22, at 2:30- 3:45 pm ET Click here for registration
ASPR TRACIE, in collaboration with the HHS/FEMA Healthcare Resilience Task Force, is hosting a webinar focused on Funding Sources for the Establishment and Operationalization of Alternate Care Sites (ACS).This webinar will feature interagency partners providing an overview and discussing the information contained in the ACS Funding Summary Tip Sheet.

Ensuring Healthcare Safety Throughout the COVID-19 Pandemic Webinar
Tuesday, June 2, at 3:00 pm ET Click here for registration and connection information
ASPR TRACIE, in collaboration with the HHS/FEMA COVID-19 Healthcare Resilience Task Force, is hosting this webinar to share experiences and lessons learned from healthcare systems who have planned, implemented, and managed operational adaptations due to COVID-19 in their organizations to strengthen healthcare resilience and maintain safety.

Johns Hopkins: Health Security Headlines
Extracts from May 21, 2020

Accuracy of Emergency Department Clinical Findings for Diagnostic of Coronavirus Disease-2019
(Annals Emerg Med) Sought to describe the medical history and clinical findings of patients attending the ED with suspected COVID-19 and estimate the diagnostic accuracy of patients' characteristics for predicting COVID-19. Prospectively enrolled all patients tested for SARS-CoV-2 by RT-PCR in our ED from March 9, 2020 to April 4, 2020. We abstracted medical history, physical examination findings, and the clinical probability of COVID-19 ("low", "moderate", "high") rated by emergency physicians depending on their clinical judgment.

A Future Vaccination Campaign Against COVID-19 at Risk of Vaccine Hesitancy and Politicization
(*Lancet Infectious Disease*) Just a few weeks ago, more than half of the world's population was on lockdown to limit the spread of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). Scientists are racing against time to provide a proven treatment. Beyond the current outbreak, in the longer term, the development of vaccines against SARS-CoV-2 and their global access are a priority to end the pandemic. However, the success of this strategy relies on people's acceptability of immunization: what if people do not want the shot?

Polio Is Nearly Wiped Out. COVID-19 Could Halt That Progress (*Wired*) The world's total number of confirmed Covid-19 cases is closing in on 5 million. But an accidental side effect of the pandemic—an indefinite pause in the worldwide campaign to eradicate polio—could dwarf its toll by allowing the almost-vanquished disease to get a fresh start.

Ten Reasons Why Immunity Passports are a Bad Idea (*Nature*) Imagine a world where your ability to get a job, housing or a loan depends on passing a blood test. You are confined to your home and locked out of society if you lack certain antibodies. The idea is that such certificates would be issued to those who have recovered and tested positive for antibodies to SARS-CoV-2 — the coronavirus that causes the disease. Authorities would lift restrictions on those who are presumed to have immunity, allowing them to return to work, to socialize and to travel. This idea has so many flaws that it is hard to know where to begin.

Researchers: Nearly Half of Accounts Tweeting About Coronavirus Are Likely Bots (*NPR*) Nearly half of the Twitter accounts spreading messages on the social media platform about the coronavirus pandemic are likely bots, researchers at Carnegie Mellon University said Wednesday. Researchers culled through more than 200 million tweets discussing the virus since January and found that about 45% were sent by accounts that behave more like computerized robots than humans.

Center for Domestic Preparedness, Anniston
offering Campus Evening Lecture Series Virtually

The Center for Domestic Preparedness (CDP) is embracing the changes necessary due to our nation's need to respond to and mitigate against the current COVID epidemic.

As part of those changes, the CDP is converting the campus lecture series typically presented to state, local, tribal and territorial responder students who are attending the facility from a face-to-face format to an internet delivery system. These are not full classes but are sections of existing courses or current event topics that can be taught in one to two-hour increments. They will change daily, or periodically, and will be updated with each delivery to maintain current event response needs.

Presentation topics via Adobe Connect will include:

- Hazmat and Decontamination during Storm Response – How it affects us all:
- Critical Incident Stress Debriefing (CISD): We Need It More Than We Know:
- The Effective Use of Social and Traditional Media During Emergencies:
- Hospital Planning for Mass Casualty Incident Surges: Natural Disasters; Long Term Protests – Planning and Response
- Psychological Preparedness for Responders:
- Opioids in America – The Epidemic;
- Long Term Protests: Planning and Response
- A Deadly Dose: Fentanyl, Opioids, and the First Responder

Topics to be presented in the future will be posted to the CDP Website and on CDP Social Media sites.

In planning currently is "*Sheltering Operations in a Social Distancing Environment.*"

The CDP continues to collaborate with other first-responder partners and agencies to help communities build and sustain capabilities.

For information on these and other CDP training opportunities, go to https://cdp.dhs.gov/find-training and click on the blue "View Virtual Classroom and Webinar Opportunities" button to get more information and the schedule. CDP Facebook page at https://www.facebook.com/CDPFEMA

EarthEX 2020 - Registration is open

The fourth annual Emergency All-sector Response Transnational Hazard Exercise will be available for play from September 1 to October 31, 2020 - worldwide. Individuals, families, business continuity planners, emergency managers, community and program coordinators....

Everyone is invited to register and participate. - *Learn how to be better prepared!*
To register: https://battlerhythm.net/Registration/register.html
Address questions to: EarthEx@eiscouncil.org

NO PREPARATION REQUIRED - A locally facilitated, "Come as you are" exercise.

For organizations, as an out-of-the-box senior level exercise, it provides an opportunity to examine and rehearse critical executive and operational decisions required before a full operational exercise.

For individuals, families and community groups, it will help with basic preparations, and with planning that can help secure and sustain participants during an extreme disaster.

Today's lifeline infrastructures are interconnected and resourced on unprecedented scales, with supply chains spanning nations and, increasingly, the world. With this growing integration and global reach, they have brought us remarkable capabilities. - ***At a price!***

Concerns have grown over the potential for severe malicious or natural "Black Sky" hazards associated with subcontinent scale, long duration power outages, with cascading failure of all our other globally resourced, interdependent infrastructures.

This creates a grim and difficult dilemma. Restoration of any sector, and population sustainment during the emergency, will only be possible with carefully planned – and exercised – international, multisector and societal planning and cooperation. To deal with this deadlock, building and exercising careful sector by sector and cross-sector resilience planning is crucial. With the diversity and the national and global scale of today's infrastructures, this requires an unprecedented, multi-sector, national and international exercise series.

There will be multiple focused lanes to select from, to include once again a lane for individuals and families. Remember that *a Prepared Organization begins with Prepared Employees, and that starts with a Prepared Families*. If your team members are not sure their families are safe and ready, they will not be willing to come in to help you and your organization with the time comes. Encourage them to do the Individual and Family lane of EarthEx 2020.

As with prior EarthEx events, you could potentially run the exercise more than once. I have acted as a facilitator, and run the Health and Medical lane more than once with different groups. *To register:* https://battlerhythm.net/Registration/register.html

---

Curious what happened last year? FINAL REPORT from Earth Ex III 2019 - Lessons learned:
https://www.eiscouncil.org/App_Data/Upload/61d2bf34-566c-4d2d-8a07-c5490e63eeb6.pdf
> Read that more than 11,000 people spanning nearly 2000 organizations and government agencies, 38 sectors, communities and families participated from 43 nations, on every continent and nearly every major land mass, worldwide. EARTH EX III was an unparalleled accomplishment, highly praised by all players.

Ever hear the term **"Black Sky"** hazard? This is a catastrophic event that severely disrupts the normal functioning of our critical infrastructures in multiple regions for long durations. This could include a variety of hazards, to include an Electromagnetic Pulse, Intentional Electromagnetic Interference, Cyber Terrorism, Coordinated Physical Assaults, a Seismic Event, a Geomagnetic Disturbance (Severe Space Weather), Hurricanes and other severe weather events. Here is link to learn more:
https://www.eiscouncil.org/Blacksky.aspx
Featured introductory video on the EarthEx **Black Sky** concept: https://youtu.be/GtOzolAopag

Additional programs leading up to EarthEx 2020
(Sign-up for EarthEx, and follow-up info on these
will come when available.)

Scheduled Training Webinars

• California Resiliency Alliance EEX 2020 Overview	27 May
• EMP Resilience – Protection and Hardening	11 June
• Grid Resilience – Minimum Core Utility Requirements	24 June
• Today's Cyber Threat – Cascading Consequences	15 July
• Incident Management for Non-EM Organizations/PS	22 July
• Global Supply Chain Threats Webinar Exercise Event	29 July
• Global Continuity Issues and Requirements	12 Aug
• Pre-EEX 2020 –World Status Webinar	25 Aug

EARTHEX 2020