Kentucky Hospital Research & Education Foundation
Emergency Preparedness Update
for May 15, 2020 - UPDATE #1

KY COVID Updates from WLKY
Kentucky - Cases - 7,444 | Deaths - 332 | Recovered - 2,739
Indiana - Cases - 26,655 | Deaths - 1,550 | Recovered - *not provided*
Interactive charts: County-by-county breakdown of cases; Tracking the curve
Full Governor's press release: https://kentucky.gov/Pages/Activity-stream.aspx?n=GovernorBeshear&prId=169

US coronavirus deaths to surpass 100,000 by June 1, CDC director says

(CNN & KVIA) The number of coronavirus deaths could surpass 100,000 by June 1, the head of the Centers for Disease Control and Prevention said Friday. The 12 forecasting models in the United States tracked by the CDC are predicting an increase in deaths in the coming weeks and this grim milestone, CDC Director Dr. Robert Redfield tweeted.

As of Friday, more than 1.4 million people in the US have been infected with the coronavirus, and more than 87,000 have died, according to Johns Hopkins University. Despite the CDC's prediction, the number of new coronavirus cases reported each day is going down in more than half of US states, according to an analysis of data from Johns Hopkins University.

Full story: https://kvia.com/health/2020/05/15/us-coronavirus-deaths-to-surpass-100000-by-june-1-cdc-director-says/

CMS Releases Additional Waivers for Hospitals and Other Facilities
CMS continues to release waivers for the health care community that provide the flexibilities needed to take care of patients during the COVID-19 Public Health Emergency (PHE). CMS recently provided additional blanket waivers for the duration of the PHE that:

- Expand hospitals' ability to offer long-term care services ("swing beds")
- Waive distance requirements, market share, and bed requirements for Sole Community Hospitals
- Waive certain eligibility requirements for Medicare-Dependent, Small Rural Hospitals (MDHs)
- Update specific life safety code requirements for hospitals, hospice, and long-term care facilities

For more information, see Emergency Declaration Blanket Waivers.

CDC Critical Infrastructure Sector Response Planning
Functioning critical infrastructure is imperative during the response to the COVID-19 emergency for both public health and safety as well as community well-being. These workers perform job tasks across 16 critical infrastructure sectors. While guidance specific to critical infrastructure workers and employers has been developed, employers should still review the resources for businesses and employers, as these recommendations are also applicable to protecting the critical infrastructure workforce.

Link to CDC Guidance: https://www.cdc.gov/coronavirus/2019-ncov/community/critical-infrastructure-sectors.html?deliveryName=FCP_4_USCDC_10_4-DM27902

ASPR COVID-19 Situational Awareness Tools & Mapping

- **NEW** U.S. Chamber of Commerce's Interactive Map for Reopening is an interactive map providing state-specific information to help businesses navigate local rules and guidelines.
- **NEW** Science Policy & Guidance Update provides an overview of new and updated guidance released by the federal government.
- The CDC COVID Data Tracker includes COVID-19 cases and deaths by county.
- CDC COVID Interactive contains interactive maps on cases in the U.S. reported by jurisdiction, cases in last 7 days, and rates.
- CDC COVIDView contains information on hospitalizations, testing, and other surveillance for Week 18 (week ending May 2, 2020).
- CDC COVID-NET provides a summary of U.S. hospitalization data.
- The Federal Emergency Management Agency (FEMA) is maintaining the FEMA COVID-19 Geospatial Resource Center.

Planning & Implementation

- • **NEW** [Food and Drug Administration (FDA) FAQs on Shortages of Surgical Masks and Gowns during the COVID-19 Pandemic.](#)
- • **NEW** The National Institute for Occupational Safety and Health (NIOSH) has released guidance and a [recorded webinar](#) on [Factors to Consider when Planning to Purchase Respirators from Another Country](#).
- • **NEW** [NIOSH PPE Tracker App](#) can help healthcare and non-healthcare systems track their personal protective equipment (PPE) inventory. Facilities can use the app to calculate their average PPE consumption rate or "burn rate." The app estimates how many days a PPE supply will last given current inventory levels and PPE burn rate. Based on the [PPE Burn Rate Calculator Excel spreadsheet](#), the app features several improvements, including an easy-to-use interface and the ability to add restock. The app is available for both iOS and Android devices.
- • *UPDATED* NIOSH continues to update its webpage on [Counterfeit Respirators/Misrepresentation of NIOSH-Approval.](#)
- • FEMA released [guidance](#) on how to best preserve PPE in communities.
- • CDC's [Strategies for Optimizing the Supply of PPE and other Equipment](#) continues to be updated.

CDC Coronavirus What's New?
- • [COVIDView Weekly Summary](#) Friday, May 15, 2020
- • [Evaluation for SARS-CoV-2 Testing in Animals](#) Friday, May 15, 2020
- • [Interim Guidance for Public Health Professionals Managing People With COVID-19 in Home Care and Isolation Who Have Pets or Other Animals](#) Friday, May 15, 2020
- • [Communication Resources for Travelers](#) Friday, May 15, 2020
- • [First Responders and Law Enforcement](#) Friday, May 15, 2020
- • [CDC Response Corps to Support State, Tribal, Local, and Territorial Health Departments](#) Friday, May 15, 2020
- • [Communication Toolkit for Airlines to inform Travelers and Crew](#) Friday, May 15, 2020
- • [Factors to Consider When Planning to Purchase Respirators from Another Country](#) Friday, May 15, 2020
- • [Cruise Ship Crew Member Disembarkations](#) Friday, May 15, 2020
- • [Cases & Latest Updates](#) Friday, May 15, 2020
- • [Resources for Institutes of Higher Education](#) Friday, May 15, 2020
- • [Staffing Resources](#) Friday, May 15, 2020
- • [Resources for Correctional and Detention Facilities](#) Friday, May 15, 2020
- • [Schools & Childcare: Guidance for School Settings](#) Friday, May 15, 2020
- • [Worker Safety and Support](#) Friday, May 15, 2020
- • [Interim Infection Prevention and Control Guidance for Veterinary Clinics During the COVID-19 Response](#) Friday, May 15, 2020
- • [COVID-19 Travel Recommendations by Country](#) Friday, May 15, 2020
- • [Communication Toolkit for Transportation Partners to Inform Road Travelers](#) Friday, May 15, 2020

FDA Emergency Use Authorization Fact Sheets
On the FDA's [Emergency Use Authorization web page](#) users can find fact sheets for PPE, in vitro diagnostics, and ventilators/medical devices that have received Emergency Use Authorization (EUA). For each EUA a fact sheet is provided for healthcare providers and a separate one for patients. The fact sheets list significant known and potential risks and benefits of the emergency use. Recent updates include:

- • [Non-NIOSH-Approved Disposable Filtering Facepiece Respirators Manufactured in China](#) (Reissued 05/07/2020)
- • [Respirator Models No Longer Authorized-COVID19](#) (Updated 5/11/2020)

Lifepak 500 Recall

Stryker, which owns the Lifepak brand, has announced a voluntary recall of the Lifepk 500 AEDs. The [recall letter,](#) and related information, are in the links below. You may want to review your inventories to see if this applies to any of your organization, facility or system assets.

> ***Recall letter:*** https://www.strykeremergencycare.com/globalassets/assets/product-notices/lp500-customer-letter.pdf/download

- • [LIFEPAK 500 Supplemental Instructions.pdf](#)
- • FDA site on the recall: https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfRes/res.cfm?ID=180255

Also note tthat Stryker issued an End of Life letter for this, and several other Lifepak units, on July 8, 2019:
https://www.strykeremergencycare.com/globalassets/assets/product-support/lifepak_500-12-20_end-of-life_customer_letter.pdf

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Several new products on healthcare resilience have been posted on the
ASPR Technical Resources, Assistance Center, and Information Exchange (TRACIE)
Novel Coronavirus Resources Page.

Medical Operations Coordination Cells Toolkit offers flexible and modifiable guidance, developed by the U.S. government, aimed to assist regional, state, local, tribal and territorial governments to ensure load-balancing across healthcare facilities and systems so that the highest possible level of care can be provided to each patient during the COVID-19 pandemic.

COVID-19: Healthcare System Operations Strategies and Experiences Webinar Recording features presenters from some of the hardest hit hospitals in New York, Louisiana, and Arizona who shared their hospital operation experiences and logistics information. Please note: you will need to enter your name and email address to access the recording.

COVID-19 Deaths Far Outpace Flu in 'Apples-to-Apples' Comparison
Faulty comparisons between infections threaten public health, researchers argue
MedPage Today An "apples-to-apples" comparison showed COVID-19 deaths for one week in April dramatically outpaced the mean number of deaths from influenza in the worst weeks of the past seven flu seasons. For the week ending April 21, there were 14,478 COVID-19 counted deaths in the U.S. compared to a mean of 752.4 counted deaths during the peak weeks for the 2013-2020 flu seasons, or a 20.5-fold mean increase (95% CI 16.3-27.7), reported Jeremy Faust, MD, of Harvard Medical School in Boston, and Carlos del Rio, MD, of Emory University School of Medicine in Atlanta.
Read more: https://www.medpagetoday.com/infectiousdisease/covid19/86504

The 'Biggest Challenge' Won't Come Until After a Coronavirus Vaccine is Found
(Politico) Meeting the overwhelming demand for a successful coronavirus vaccine will require a historic amount of coordination by scientists, drug makers and the government. The nation's supply chain isn't anywhere close to ready for such an effort.

KY Health News
County Health Rankings continue to show largest shifts
in the middle rankings, familiar names at the top and bottom

As Memorial Day weekend fast approaches,
NFPA provides safety tips for outdoor grilling at home

(KyForward News) While there may not be as many gatherings with family and friends this Memorial Day, many observances of the holiday this year will likely continue to involve outdoor grilling. The National Fire Protection Association reminds everyone to follow basic grilling safety precautions over Memorial Day weekend and beyond, particularly as people remain at home in response to COVID-19.

According to NFPA, cooking equipment is the leading cause of U.S. home fires overall, annually contributing to nearly half (49 percent) of all home fires. NFPA estimates show that between 2014 and 2018, an annual average of 10,600 home fires involving grills, hibachis, or barbecues, resulting in 10 civilian deaths, 160 civilian injuries, and $149 million in direct property damage. July is the peak month for grilling fires, followed by June, May, and August. Gas grills were involved in an average of 8,900 home fires per year, including 3,900 structure fires and 4,900 outdoor fires annually. Leaks or breaks were primarily a problem with gas grills.

Full story: https://www.kyforward.com/as-memorial-day-weekend-fast-approaches-nfpa-provides-safety-tips-for-outdoor-grilling-at-home/

--- Extracts from EMR-ISAC InfoGram for May 14 ---
CISA - COVID-19 Disinformation Activity Concerns

(DHS CISA) False and misleading information related to the coronavirus (COVID-19) are a significant challenge. This CISA Insight provides an overview of coronavirus disinformation and steps that can be taken to reduce the risk of sharing inaccurate information with your friends and family. After the initial outbreak of COVID-19, disinformation campaigns appeared online. Information manipulation and fabrication about COVID-19's origin, scale, government response, and/or prevention and treatment surged as creators leveraged people's increased uncertainty.

Read more: https://content.govdelivery.com/attachments/USDHSFACIR/2020/05/14/file_attachments/1451098/CISAInsights-COVID-19%20Disinformation%20Activity_MAY2020_Final_508.pdf

Nearly 2,000 malicious COVIC-19-themed domains created every day
A new report from researchers found that more than 86,600 domains of the 1.2 million newly registered domain (NRDs) names containing keywords related to the COVID-19 pandemic from March 9, 2020 to April 26, 2020

are classified as "risky" or "malicious."A study analyzing all new domain names containing keywords related to the COVID-19 pandemic found that the United States, Germany, Russia and Italy had the highest number of malicious coronavirus domains. The United States had far and away the most, with more than 29,000. (Source: TechRepublic)

Coronavirus-related cyberattacks sure 192K in one week
Over the past three weeks, a research firm found 192,000 coronavirus-related cyberattacks per week, a 30 percent surge compared with the previous weeks. These cyberattacks encompass malicious websites with the word "corona" or "covid" in the domain name, files with "corona" in their name, and files attached to coronavirus-related phishing emails.(Source: TechRepublic)

Cybercriminals using reCAPTCHA walls in phishing attacks
New research revealed cyber-criminals are increasingly using official reCAPTCHA walls to disguise malicious content from email security systems and trick unsuspecting users.reCAPTCHA walls are typically used to verify human users before allowing access to web content, thus sophisticated scammers are beginning to use the Google-owned service to prevent automated URL analysis systems from accessing the actual content of phishing pages and to make phishing sites more believable in the eyes of the victim.(Source: Infosec Magazine)