



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for July 30, 2018

13 evacuated from water ride at Kentucky Kingdom after incident

(WDRB) -- 13 people were evacuated from a ride at Louisville's Kentucky Kingdom Saturday evening. Park officials say a boat at Mile High Falls, a shoot-the-chute water ride, hit the side of the water-filled trough it glides through to go back into the station and became lodged up on the wall at a 20-degree angle around 8 p.m. Saturday. All 13 passengers were evacuated from the boat by park personnel within ten minutes, park officials said.

Full story: <http://www.wdrb.com/story/38758952/13-evacuated-from-water-ride-at-kentucky-kingdom-after-incident>

KyEM Commonwealth Severe Weather Analysis

Monday, 30 July 2018/1000 hours

Commonwealth Synopsis: Scattered to numerous thunderstorms are possible this afternoon and tonight. Primary hazards for these storms are strong wind gusts, localized heavy rainfall, and lightning.

NWS Paducah, KY: Thunderstorms are possible, especially this afternoon and early this evening. Isolated strong to severe storms capable of producing strong wind gusts cannot be ruled out this afternoon. Primary thunderstorm related hazards include lightning and locally heavy rain.

NWS Louisville, KY: Scattered to numerous thunderstorms are possible this afternoon and tonight. A few storms this afternoon and evening could become severe with locally damaging winds. The main hazard overnight will be locally heavy rainfall.

NWS Jackson, KY: Thunderstorms are possible today and tonight with a potential for localized heavy rain.

NWS Wilmington, OH: A few thunderstorms developing this afternoon into tonight may approach severe limits for damaging winds and large hail. Some thunderstorms may produce torrential downpours, leading to high water and localized flooding.

NWS Charleston, WV: There is a marginal risk for severe thunderstorms today. Damaging winds are the primary risk. In addition, heavy downpours are expected in convection today and tonight. Localized flash flooding issues are possible.

Watches, Warnings or Advisories for Kentucky: <https://alerts.weather.gov/cap/ky.php?x=1>

Why you shouldn't shower or do dishes during stormy weather

Learn more: <https://news360.com/article/464106522>

One week after walloping storm, Woodford County is still in recovery mode

Read more: <https://www.kentucky.com/latest-news/article215659050.html>

6 Dead As Carr Fire in Northern California Continues To Burn

(NPR) The spread of a deadly wildfire that has swept through Northern California in recent days, killing at least six people, showed some signs of slowing down on Sunday. officials.

On Saturday, President Trump issued a federal emergency declaration for California.

Firefighters continued throwing resources into containing the Carr Fire, which has engulfed 95,368 acres and forced the evacuation of some 38,000 people. It is just 17 percent contained, according to Cal Fire. The [Carr Fire](#), which is the largest of 17 wildfires burning in California, has destroyed or damaged more than 1,000 structures in Shasta and Trinity counties, about 150 miles north of Sacramento.

Meanwhile, in central California, where the [Ferguson Fire](#) near Yosemite National Park, has grown to 54,481 acres with 30 percent containment, a second firefighter has reportedly been killed. Brian Hughes was struck by a tree while removing brush in an effort to contain the fire, according to

Full story: <https://www.npr.org/2018/07/30/633879767/6-dead-as-carr-fire-in-northern-california-continues-to-burn>

----- **Two related stories** -----

"Firenado" seen in California wildfire is a scientific phenomenon

<https://www.cbsnews.com/news/firenado-california-wildfire-phenomenon-seen-amid-chaos-fire-vortex/>

14-foot python escaping Carr Fire gets loose in Redding, Calif.

Read more: <https://www.whas11.com/mobile/article/news/nation-world/14-foot-python-escaping-carr-fire-gets-loose-in-redding-calif/507-578550700>

Ohio River commission debates dropping pollution standards

An interstate commission that monitors the Ohio River's health is considering eliminating its pollution control standards. The commission oversees an agreement among eight states with watersheds draining into the river, with commissioners appointed by each state and the federal government.

Full story: <http://www.wdrb.com/story/38758034/ohio-river-commission-debates-dropping-pollution-standards>

Which Water Is Best For Health? Hint: Don't Discount the Tap

(NPR) You can buy water with electrolytes, minerals or completely "purified." You can buy it with the pH changed to make it alkaline. You can purify your own tap water or even add nutrients back into it. But after seeing a video of a pricey, high-tech filter (about \$400 U.S. on sale) that you can monitor with your phone, we wondered, how much of our water filtration fixation is healthy, and how much of it is hype?

Read more: <https://www.npr.org/sections/thesalt/2018/07/27/632393234/which-water-is-best-for-health-hint-dont-discount-the-tap?>

New Ebola species is reported for first time in a decade

(PBS) The family of Ebola viruses has just gotten a bit bigger.

The government of Sierra Leone has announced that a new species of Ebola, the sixth, has been discovered there in bats. It has been called, provisionally, the Bombali virus, after a district in the north of the country where it was found.

There's no evidence the new virus has infected people, although EcoHealth Alliance, an environmental nonprofit group involved in the discovery, [said on Twitter](#) that it has the potential to infect human cells.

The discovery was made by scientists from the University of California at Davis and Columbia University as part of a [U.S.-funded effort](#) to find unknown viruses that have the potential to cause outbreaks in people.

Full story: <https://www.pbs.org/newshour/science/new-ebola-species-is-reported-for-first-time-in-a-decade>

Denver Hospital Isolates Man with Suspected Ebola

(Newser) – There were echoes of the 2014 Ebola scare in Denver Sunday after a man who'd been working with virus victims in the Congo suddenly became extremely ill. The man, who returned to the US a few days ago, was hospitalized and placed in isolation, as were three members of the ambulance crew that picked him up.

Read more: <http://www.newser.com/story/262630/denver-hospital-isolates-man-with-suspected-ebola.html>

Judge: Opioid distribution data not for public consumption

A federal judge has ruled that state and local governments cannot publicize federal government data about where prescription opioids were distributed, a blow to news organizations seeking to report more deeply on the nation's overdose and addiction crisis.

The U.S. Drug Enforcement Agency is providing the information to state and local governments to use in their lawsuits against companies that make, distribute and sell the drugs. Sharing the data even

with them came with a long list of conditions, including that it could be used only for law enforcement and litigation. Read more: <https://apnews.com/262e2e6129194e3f87cca0144de736b5>

Kids are required to have Hepatitis A vaccine before school starts

(Norton Children's) School districts around Kentucky have been warning parents that students won't be able to start the upcoming school year if they don't follow the new hepatitis A vaccine requirements.

A new state regulation says all Kentucky students, preschool through grade 12, must provide proof that they have received the hepatitis A vaccine. Two doses are required, and they have to be administered six months apart.

Initially, it was thought that both doses needed to be given before a student could start the new school year. However, Jefferson County Public Schools (JCPS) [and most others] said a temporary certificate can be issued until the second dose is due, so no one should miss school because they haven't gotten the second vaccine.

The new regulations are effective for the school year beginning on or after July 1, 2018. If your child hasn't received the first dose, they need to visit a doctor soon.

Fortunately, many students could already be vaccinated and not know it. Because the hepatitis A vaccine is recommended for infants at 12 and 18 months, many Kentucky kids may have already received both doses.

All students age 16 or older also must have two doses of the meningitis vaccine.

Read more: <https://nortonchildrens.com/news/hepatitis-a-vaccine-deadline-approaching/>

Related - Herald-Leader: Kids are required to have Hepatitis A vaccine before school starts. What if they don't?
<https://www.kentucky.com/news/local/education/article215561970.html>

Kentucky Immunization Program: <https://chfs.ky.gov/agencies/dph/dehp/idb/Pages/immunization.aspx>

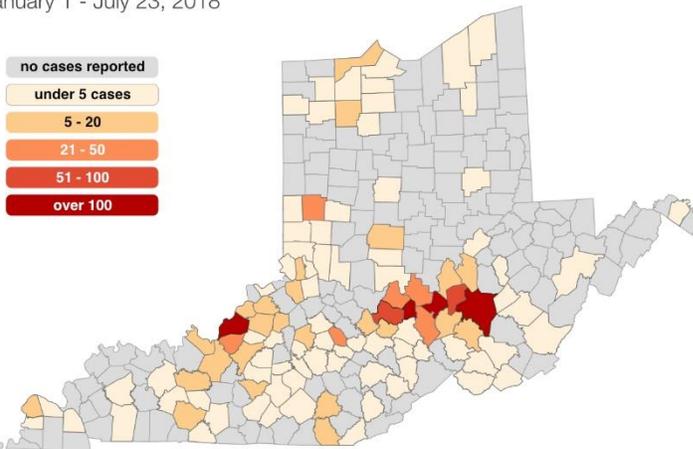
Infection and Inequality:

How The Income Gap Fuels Ohio Valley's Hep A Outbreak

(WFPL) Jim Thacker is frustrated. The spokesman for the Madison County, Kentucky, Health Department said there is a real threat of a Hepatitis A outbreak at [the detention center](#) right down the road in Richmond. Built to house about 240 inmates, it holds more than 400. "It's like a petri dish, they are packed so close together," he said.

Hep A Outbreak: Affected Counties

January 1 - July 23, 2018



Source: Kentucky Cabinet for Health and Family Services; Ohio Department of Health; West Virginia Department of Health and Human Resources
Map by Alexandra Karkh

The majority of the Madison County inmates are in jail on drug charges, and health officials say the homeless and people with substance abuse disorders are most vulnerable to Hep A infection in this outbreak. The Centers for Disease Control and Prevention supplies free vaccine for use in high risk groups. Thacker said that CDC deal comes with a hitch.

"The benchmark set by the state is if a county has five confirmed cases they can immediately apply to get a thousand doses of the Hep A vaccine," he said.

With only one confirmed case so far, Madison County hasn't met that threshold.

Kentucky health officials say they are reviewing requests for more vaccine on a case-by-case basis and that the majority of new infections continues to be in the high-risk groups.

There are two ways health departments can receive vaccine according to Dr. Kraig Humbaugh who runs the [Lexington-Fayette County Health Department in Kentucky](#). Health departments can receive money from the CDC to buy vaccine for the at risk groups or they can buy it directly from manufacturers and potentially offer vaccine to a wider range of people. There are six confirmed cases so far in Fayette County. But Humbaugh didn't apply for free vaccine. He had enough money in a rainy day fund to buy vaccine.

Dr. Jeffrey Howard is Kentucky's public health commissioner. Howard grew up poor in Harlan, in eastern Kentucky's coal country, and he knows personally the challenges of poverty. He said this infectious disease outbreak highlights the chronic problems in much of rural Appalachia. The lack of access to good housing, clean water and other basic needs contributes to health woes, he said.

Read more: <http://wfpl.org/how-the-income-gap-fuels-ohio-valleys-hep-a-outbreak/>

Read more: [One-year project aims to help 10 Ky. critical-access hospitals deal with substance-abuse issues and treatment access](#)

Meningitis B Vaccine Falls Short of Expectations

(HealthDay News) -- About one-third of Princeton University students given a vaccine to combat a [meningitis](#) B outbreak on campus in 2013 didn't show signs of protection from the immunization, researchers reported. However, none of the vaccinated students developed a [meningitis](#) infection, the study found.

According to the study's lead author, Nicole Basta, the results indicate "that we need to go further to understand how broadly protective this vaccine might be against the diversity of strains that can cause meningococcal disease, and especially meningococcal outbreaks." Basta is an assistant professor at the University of Minnesota School of Public Health in Minneapolis.

The meningitis B (MenB) outbreak at Princeton, in New Jersey, occurred between March 2013 and March 2014, the researchers said. There were nine cases of disease, including one death.

Read more: <https://www.medicinenet.com/script/main/art.asp?articlekey=197144>

[Just 49% of hospitals follow CMS' sepsis treatment protocols](#)

(Modern Healthcare) More than half of hospitals fail to comply with the CMS' sepsis treatment requirements, new data from the agency show. [READ MORE](#)

John Hopkins - Health Security Headlines: <https://conta.cc/2K9GZGu>

Save the Date! December 7-8, 2018

Reducing Antimicrobial Resistance

UK College of Nursing, KY DPH HAI Prevention & Atom Alliance

For more info: Olivia.Rebella@uky.edu (859-323-3851)

High caliber guns more deadly

(Reuters Health) - Shots from high caliber firearms are more likely to kill, a new study suggests. Researchers wading into the gun control debate have shown that people shot by criminals wielding a higher caliber gun are more likely to die than those shot with a small caliber weapon, according to a report in JAMA Network Open.

The researchers determined that caliber of the gun had no systematic relationship with the number of wounds, the location of the wounds, the circumstances of the assault or the victim characteristics. The caliber was, however, related to whether the shooting would be fatal.

Full story: <https://www.reuters.com/article/us-health-firearms-wounds/high-caliber-guns-more-deadly-idUSKBN1KH26T>

Gun homicides on the rise, CDC says

<https://www.cnn.com/2018/07/26/health/common-methods-of-homicide-cdc/index.html>

U.S. judge denies gun control groups' attempt to block 3-D gun blueprints

(Reuters) - A U.S. judge on Friday rejected a last-ditch effort by gun control groups to block the Trump administration from allowing the public to download blueprints for 3-D printable guns, declining to intervene just days before the designs are expected to go online.

The 3-D files include blueprints for a plastic AR-15 semiautomatic assault rifle, a weapon that has been used in many U.S. mass shootings, as well as other firearms.

Full story: <https://www.reuters.com/article/us-usa-court-guns/u-s-judge-denies-gun-control-groups-attempt-to-block-3-d-gun-blueprints-idUSKBN1KH2I2>

CNN: The Implications - <https://www.cnn.com/2018/07/19/us/3d-printed-gun-settlement-trnd/index.html>

Agreement to block downloads in Penna: <https://www.cbsnews.com/news/cody-wilson-defense-distributed-agrees-to-block-access-from-pennsylvania-to-3d-downloadable-guns/>

Man from Viper, Ky., found a slithering surprise in his backyard Two timber rattlers engaged in combat!

See and read more: <https://www.kentucky.com/news/state/article215572000.html>

Scooters: Sidewalk Nuisances, Or the Future of Local Transportation?

(NPR) Bird is the name of an electric scooter company. Unannounced, it dropped off somewhere between 70 and 100 rental scooters throughout Milwaukee, where it's illegal to ride motorized scooters in public.

Here's how it works: You download an app, put in your credit card information, and locate a scooter near you. It's about \$1 to unlock them, and then 15 cents a minute.

You can pretty much drop them off anywhere. And that's part of the problem: People have been leaving them all over city sidewalks.

Things have gone sour in several cities, like San Francisco and St. Paul, Minn., where scooter companies have been kicked out. But in some cities, they've flourished, like in Washington, D.C., where I took a scooter by the brand Spin out for a ride.

Full story: <https://www.npr.org/2018/07/28/631812255/scooters-sidewalk-nuisances-or-the-future-of-public-transportation>

Related: Bird scooters to be removed from Louisville a day after landing

(Courier-Journal) Roughly 36 hours after their Louisville debut, Bird scooters will leave the city's streets as the company works toward an agreement with city officials. Louisville, Ford said, is pursuing an agreement with the scooter company that includes a bond, insurance agreement and indemnification for Louisville Metro.

Read more: <https://www.courier-journal.com/story/news/2018/07/20/bird-scooters-removed-louisville-days-after-landing/810013002/>

Teen drivers take more risks after trading learner permits for licenses

(Reuters Health) - Adolescents may be cautious while they're learning to drive, but a new study suggests they get downright dangerous once their license allows them to hit the road without a grownup in the car.

While teens only had permits, their chance of being in a crash or nearly missing a collision as well as their odds of exhibiting risky driving behavior like speeding, swerving, and slamming the brakes were similar to the adults, the study found.

In the first year after teens had their licenses, however, they were more than six times more likely to crash or narrowly escape collisions than the adults, and they were also almost four times more likely to exhibit risky driving behaviors.

Read more: <https://www.reuters.com/article/us-health-student-drivers/teen-drivers-take-more-risks-after-trading-learner-permits-for-licenses-idUSKBN1KH2KV>

**Service Dog Registries to Streamline Travel
for Veterans with 'Invisible Injuries'**

(NPR) Many veterans and active-duty service members use *psychiatric service dogs* to help alleviate the everyday challenges of PTSD, Traumatic Brain Injury and Military Sexual Trauma — conditions that service dog advocates call "invisible injuries." Now, the service dog community is eyeing a dog certification system to streamline travel and leisure for veterans who... are frustrated with the arduous process and stigmas attached to taking trips.

The 1986 [Air Carrier Access Act](#) does not define emotional support animals, creating an opportunity for enterprising passengers to [pass off their household pets](#) as ESAs to avoid paying pet fees. Legislation [introduced in Congress](#) in April would amend the ACAA with stricter definitions.

Psychiatric service dogs are different. They perform tasks to interrupt mental and emotional crises, such as waking their owners from nightmares, distracting them from painful flashbacks, and making space in crowded areas. And unlike emotional support animals, psychiatric service dogs are protected under the federal [Americans with Disabilities Act](#). Even still, the ADA does not set a behavioral standard for service dogs, nor require any training.

Read more: <https://www.npr.org/2018/07/28/633076559/service-dog-registries-to-streamline-travel-for-veterans-with-invisible-injuries>

Healthy kids with sick sibling may hide emotions

(Reuters) Healthy kids with chronically ill siblings may suppress their own needs as they adapt to shifting family dynamics that are focused on caring for the child who is sick, a research review suggests. Full story: <https://www.reuters.com/article/us-health-kids-ill-sibling/healthy-kids-with-sick-sibling-may-hide-emotions-idUSKBN1KG31A>

**KSPAN Meeting - August 16, 2018
10 AM - 2 PM ET**

Kentucky Association of Counties (KACo) at 400 Englewood Drive in Frankfort, KY

Registration is now open for the August 16th, 2018 KSPAN meeting.

Please Click [HERE](#) to register or email steve.sparrow@uky.edu

Please click [HERE](#) to download Meeting Agenda, and learn more about the presentations and the presenters.

- Online Sexual Exploitation: Lessons in Prevention from the Front Lines
 - Capt. Jeremy Murrell, Commander, Kentucky State Police
- Making Public Health Injury Surveillance Data More Accessible: Kentucky's IBIS Injury Data Portal
 - Michael Singleton PhD
- Winnable Battles in Injury Prevention: Collaborating to Provide ATV Safety Education
 - Mary Raley, BSN, RN, CEN, TCRN, TNSCC
- Managing Pedestrian/Vehicle Interface Areas
 - David E. Oliver Ed.D, CSP, CEM

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 rbartlett@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.