



# Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for September 10, 2018

## First 72 On You - Family Preparedness

**Week 2 of awareness campaign focuses on preparing families for disasters**

([KY CHFS - Sept. 10, 2018](#)) – The Kentucky Department for Public Health (DPH), within the Cabinet for Health and Family Services (CHFS), has launched First 72 On You information campaign during the month of September – National Preparedness Month (NPM), to increase emergency preparedness efforts for Kentuckians and their families. This week’s spotlight is on preparing families for disasters and emergencies.

Preparing for emergencies and disasters can start with four important steps:

- 1. Be ready with an emergency supply kit** - A detailed list of items to be included in the kit can be found at <https://www.ready.gov/kit>.
- 2. Develop a family emergency plan** - For information on writing a plan visit <https://www.ready.gov/make-a-plan>.
- 3. Be informed** - Learn about emergencies that could happen in your area and identify sources of information in your community that will be helpful before, during and after an emergency.
- 4. Get involved** - It takes a whole community to prepare and respond to emergencies. Donate time to a local Medical Reserve Corps unit to contribute skills and expertise throughout the year as well as during times of community need.

## Hurricane Florence on track to hit East Coast as major storm later this week



### Key Messages for Hurricane Florence Advisory 44: 5:00 AM AST Mon Sep 10, 2018

1. There is an increasing risk of life-threatening impacts from Florence: storm surge at the coast, freshwater flooding from a prolonged and exceptionally heavy rainfall event inland, and damaging hurricane-force winds. While it is too soon to determine the exact timing, location, and magnitude of these impacts, interests at the coast and inland from South Carolina into the mid-Atlantic region should closely monitor the progress of Florence, ensure they have their hurricane plan in place, and follow any advice given by local officials.

2. Large swells affecting Bermuda and portions of the U.S. East Coast will continue this week. These swells will result in life-threatening surf and rip currents.



For more information go to [hurricanes.gov](http://hurricanes.gov)



([CNN](#)) Hurricane Florence has its sights set on North and South Carolina, and if it hits as hard as predicted, the storm will be the most powerful to pound the area in three decades, CNN meteorologist Chad Myers said Monday.

"This storm gets stronger and stronger" and is on its way to a head-on impact on the Carolinas later this week, Myers said.

Water up to 15 feet high will strike the coast, and rainfall inland over the next four to five days could reach 20 inches in some locations, he said.

Watch & read more:

<https://www.cnn.com/2018/09/10/us/florence-hurricane-season-wxc/index.html>

## Two More Potential Tropical Systems on the Heels of Florence and Gordon

**Watch Weather Channel:** <https://weather.com/storms/hurricane/video/two-more-potential-tropical-systems-on-the-heels-of-florence-and-gordon>

### Mark your calendar on Sept 20!

## FEMA and FCC to take over all U.S. cell phones and airwaves in nationwide "test"

([Intellihub](#)) The Federal Emergency Management Agency (FEMA) and the Federal Communications Commission (FCC) will be taking over all cell phones and airwaves in the United States on September 20 to "test" the Emergency Alert System and Wireless Emergency Alerts. At 2:18 p.m. Eastern Daylight Time (EDT), FEMA will send a WEA test message to WEA-capable wireless devices throughout the entire United States and territories. All wireless providers that have elected to participate in WEA are required to participate in this nationwide test. FEMA indicates that the test will use the Presidential Alert classification. Immediately following the WEA nationwide end-to-end test, at 2:20 p.m. EDT, FEMA will conduct a live test of the EAS. All EAS Participants are required to participate in this nationwide test.

Members of the public and interested stakeholder organizations that are in a position to observe test results in their communities to provide feedback on the test, including any problems observed or any other complications in the delivery of the WEA or EAS test message during the nationwide test, by reporting their observations to the Public Safety Support Center at <https://www.fcc.gov/general/public-safety-support-center>.

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### **Louisville taxi driver drowns after flash floods sink car**

(Courier-Journal) A Louisville cab driver was killed late Saturday night when his car was submerged in high water during flash floods caused by heavy rains.

The Yellow Cab taxi driver was driving on Oak Street at about 11 p.m. Saturday when he got stuck in high water near the railroad underpass at 13th Street, according to Louisville Metro Police spokeswoman Alicia Smiley.

Rising water killed the taxi's engine, and the car was submerged quickly. The driver was found dead soon after.

Full story: <https://www.courier-journal.com/story/news/crime/2018/09/09/louisville-taxi-driver-drowns-after-flash-floods-sink-car/1247966002/>

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### **Casey Co. Schools Closed Due To Water Issues**

CASEY COUNTY, Ky. (LEX 18) – Casey County Schools are closed due to water issues in the county. The board of education confirms that school was canceled Sunday night due to three water line breaks in the area in the past week.

Low water pressure is being reported countywide and there was a boil water advisory for one area. It has since been lifted, but the school decided to cancel out of an abundance of caution as people in the rural parts of the county are still dealing with issues related to low water pressure.

*[HPP Reg 14's HPP Coordinator, Amy Tomlinson, has indicated that the water outage, or low pressure problem, has impacted Casey County Hospital which does not have water as of 10:30 this morning, and low pressure in some outlying buildings. Reportedly, they are managing with bottled water, and may be diverting some patients during the day.]*

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### **CDC: Guideline on the Diagnosis and Management of Mild Traumatic Brain Injury Among Children**

(JAMA) **Question:** Based on current evidence, what are best practices for diagnosis, prognosis, and management/treatment of pediatric mild traumatic brain injury (mTBI)?

**Findings:** Based on a previous systematic review of the literature, this guideline includes 19 sets of recommendations on diagnosis, prognosis, and management/treatment of pediatric mTBI. Each recommendation was assigned a level of obligation (ie, must, should, or may) based on confidence in the evidence.

**Importance:** Mild traumatic brain injury (mTBI), or concussion, in children is a rapidly growing public health concern because epidemiologic data indicate a marked increase in the number of emergency department visits for mTBI over the past decade. However, no evidence-based clinical guidelines have been developed to date for diagnosing and managing pediatric mTBI in the United States.

Learn more: <https://jamanetwork.com/journals/jamapediatrics/fullarticle/2698456>

**Related from Cleveland Clinic:** [https://www.cdc.gov/headsup/basics/concussion\\_symptoms.html](https://www.cdc.gov/headsup/basics/concussion_symptoms.html)

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### **Youth soccer injury prevention program saves healthcare costs**

(Reuters Health) An injury prevention program tailored to children's soccer is not only more effective than typical warmups and stretches at keeping players safe, it's also associated with lower healthcare costs, a Swiss study suggests.

Researchers studied soccer teams for kids under age 9 and under age 13 over a season in Switzerland. The teams were randomly chosen to do their usual warm-ups or to warm up with the "11+ Kids" injury prevention program, which includes 15 minutes of exercises focused on dynamic stability, power, core strength, and falling techniques.

Previously, the study team found the 11+ Kids program reduced the overall injury risk in children's soccer by 48 percent and cut the risk of severe injuries by 74 percent, researchers report in the British Journal of Sports Medicine.

The new analysis focused on the costs of the 11+ Kids program - including printed manuals and instructions for coaches - and the cost of treating injuries sustained by young soccer players during the season they tested the program.

Healthcare costs for every 1,000 hours of soccer exposure totaled 228.34 Swiss francs (US\$235.74 at current exchange rates) for players who participated in the 11+ Kids program all season, compared with 469.00 francs (\$484.20) for children who did only traditional warmups.

This translates into a savings of 240.66 francs (\$248.46) for every 1,000 hours of soccer participation with the 11+ Kids program. Implementing the program nationwide would save 1.48 million francs (\$1.53 million) a year, the researchers calculated.

More information about the 11+ Kids program is available here: [bit.ly/2MZzZIS](http://bit.ly/2MZzZIS).

SOURCE: [bit.ly/2MZAfBm](http://bit.ly/2MZAfBm) and [bit.ly/2MUG5nm](http://bit.ly/2MUG5nm) British Journal of Sports Medicine, online August 14 and 21, 2018.

### **OxyContin maker gets patent for drug to treat opioid addiction**

(CBS) Purdue Pharma, the maker of OxyContin, has received a patent designed to treat opioid addiction.

The patent, first reported by The Financial Times, is for a new and faster-acting form of buprenorphine. Buprenorphine controls drug cravings and is often given as a substitute to people hooked on heroin or [opioid painkillers](#) such as OxyContin.

Buprenorphine is currently prescribed in tablets or fast-dissolving strips. The patent is for a "wafer" of buprenorphine that would dissolve in just a few seconds.

Learn more: <https://www.cbsnews.com/news/oxycontin-maker-receives-patent-for-drug-to-treat-opioid-addiction/>

### **More aging baby boomers turning to pot**

(CBS) Have those weed-loving hippies taken their habit into the new millennium?

Maybe so: New research shows pot isn't the drug of choice for just the young anymore. More middle-aged folks, and even seniors, are lighting up nowadays, researchers say.

In fact, federal survey data show that 9 percent of adults aged 50 to 64 and nearly 3 percent of those aged 65 or older have used marijuana within the past year.

It's double the percentage of those aged 50 to 64 who reported [marijuana use](#) a decade ago (4.5 percent), and more than seven times the percentage of adults aged 65 and older who reported use back then (0.4 percent), the researchers noted. About 15 percent of users aged 50 to 64 and 23 percent of those 65 and older said a doctor had recommended it to them.

Read more: <https://www.cbsnews.com/news/more-aging-baby-boomers-turning-to-pot-marijuana/>

### **Using biosensors to deliver personalized doses of antibiotics**

(Phys.org) A team of eight EPFL students has come up with a portable biosensor that can measure the amount of vancomycin in a patient's blood stream, enabling doctors to better control the dosage and reduce harmful side effects. Their technology – developed for the upcoming SensUs international competition – could eventually be used for other antibiotics as well.

Read more at: <https://phys.org/news/2018-09-biosensors-personalized-doses-antibiotics.html>

### **Amazon and Apple are getting into medical clinics - here's why**

(CNBC) Many companies with large offices are now offering on-site or nearby medical offices for workers to access high-quality care. That's the case for all the large technology companies, like [Facebook](#) and [Apple](#), which have clinics on campus to serve thousands of employees' medical needs.

But something has changed in the past few years.

Rather than continue to work with third-party companies to operate these clinics, a few technology companies -- most notably, Apple and Amazon — are branching out on their own. CNBC reported earlier this month that [Amazon is launching a clinic in the coming months](#) for a small number of workers, with a goal of expanding in

early 2019. Apple, meanwhile, [has been hiring like mad for its employee health clinics](#), which operate under a separate legal subsidiary called AC Wellness.

So why are these companies getting into primary care? **Read more:**

<https://www.cnbc.com/2018/09/08/amazon-and-apple-are-getting-into-medical-clinics-heres-why.html>

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**Caring for Latinos requires more than knowing Spanish**

(Modern Healthcare) The relative growth in the number of Latinos in the U.S. is creating pressure to target more services to the Latino community, but few health systems are making the needed investments. **READ MORE**

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**Boy Tries to Shoot Teacher. But the Gun Won't Let Him**

12-year-old didn't realize the safety was on

([Newser](#)) – Court documents say a 12-year-old Iowa boy pointed a gun at his teacher's face and pulled the trigger, but the safety was on. The boy allegedly entered a North Scott Junior High classroom on Aug. 31 with a .22-caliber handgun and ordered everyone to the floor before he tried to shoot the teacher, [the AP](#) reports. The youth is charged with attempted murder, having a weapon on school grounds, and assault while displaying a dangerous weapon. The female teacher was able to calm the boy and take away his weapon before police got there, reports the [Des Moines Register](#).



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**She Lit What She Thought Was a Candle. It Was Dynamite**  
**Connecticut woman suffers severe hand injuries during power shortage**

([Newser](#)) – Authorities say a Connecticut woman mistook a stick of dynamite for a candle during a power outage and suffered severe hand injuries, the [AP](#) reports. Assistant Bridgeport Fire Chief Michael Caldaroni says the woman was looking to light a candle in her home about 9:30pm Thursday after the power went out during a storm. The dynamite went off in the woman's hand.

Read more: <http://www.newser.com/story/264339/looking-for-a-candle-she-found-dynamite.html>

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**ATLS Course**

October 15 & 16, 7:30 AM to 5 PM

Sponsored by ACS COT & Pikeville Medical Center

CME: 17 hours (Cat-1)

2-day course fee: Physician \$850; APRN/PA/CRNA - \$600

Registration: [angie.reed@pikevillehospital.org](mailto:angie.reed@pikevillehospital.org)

(or call: 606-218-6334)

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**Microsoft to offer paid Windows 7 security updates through Jan 2023**

([MSPowerUser](#)) Even though many enterprises are already deploying Windows 10, some customers will find it difficult to move all their PCs to Windows 10 before Windows 7's extended support EOL date (January 14, 2020). To support such customers, Microsoft today announced that it will offer paid Windows 7 Extended Security Updates (ESU) through January 2023. It is going to be a costly process as the Windows 7 ESU will be sold on a per-device basis and the price will increase each year.

Microsoft will make Windows 7 ESUs available to all Windows 7 Professional and Windows 7 Enterprise customers in Volume Licensing, with a discount to customers with Windows software assurance, Windows 10 Enterprise or Windows 10 Education subscriptions. Microsoft will also support Office 365 ProPlus on devices with active Windows 7 Extended Security Updates (ESU) through January 2023. So, customers who purchase the Windows 7 ESU will be able to continue to run Office 365 ProPlus.

Source: <https://mspoweruser.com/microsoft-to-offer-paid-windows-7-security-updates-through-january-2023/>

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**CDC - Crisis and Emergency Risk Communication Webinar**  
**September 12, 2018 2:00 PM Eastern Time**

CDC's CERC webinar, **Spokesperson**, explains the critical role of an organization's spokesperson in an emergency and provides tips for spokespersons and those helping them to prepare for an emergency response.

More information on this webinar, previous CERC webinars, and information on CE units can be found on the [CERC Webinar website](#)

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**3rd Annual Children's Environmental Health Summit**

Thursday, October 11, 2018  
8:30 a.m. to 4 p.m. Eastern Time  
The Conference Center at Georgetown College  
100 Crawford Dr. Georgetown, KY 40324



***CEUs approved for several disciplines. See the registration link for details.***

***Examining environmental factors posing a health  
and well-being risk to the children of Kentucky***

**Register here:** <https://www.eventbrite.com/e/childrens-environmental-health-summit-2018-registration-48802873709>

*[There is a program agenda on the link above.]*

**[Healthcare Quality and Safety 2018 Conference](#)**

The Conference for Professionals Who Plan, Manage or Support Quality and Safety Initiatives  
October 15-16, 2018

[Sheraton Boston Hotel](#), Boston, MA

To learn more about this event, please visit our website for details:

<https://quality.hmscme.com/>

**Intermediate ICS for Expanding Incidents**

ICS 300 Class

October 23 – 25, 2018, 9am to 5pm  
East Kentucky Correctional Complex  
200 Road to Justice  
West Liberty Ky.

Click here for registration: [www.kyem.ky.gov/training](http://www.kyem.ky.gov/training).

**For more information, contact:**

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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](mailto: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.