



Kentucky Hospital Research & Education Foundation  
Emergency Preparedness Update  
for June 7, 2018

**2018 Atlantic hurricane outlook:  
4 US impacts predicted amid another active season**

(AccuWeather) After a devastating hurricane season for the United States in 2017, forecasters are predicting a near normal to slightly above-normal year with between 12 to 15 tropical storms. Of those storms, 6 to 8 are forecast to become hurricanes and 3 to 5 are forecast to become major hurricanes.

Similar to last year, sea surface temperatures are expected to remain warmer than normal across most of the basin and normal to above normal over the main developmental region, where more than 85 percent of all tropical storms form.

Read more: <https://www.accuweather.com/en/weather-news/2018-atlantic-hurricane-outlook-4-us-impacts-predicted-amid-another-active-season/70004533>

***Here's NHC's full list of 2018 Atlantic storm names***

The World Meteorological Organization shared a list of 21 names that will be used to name potential tropical cyclones formed in the Caribbean Sea, Gulf of Mexico and North Atlantic Ocean in 2018. Of the 21 names below, the first was already crossed off the list last week when Subtropical Storm Alberto formed. Therefore, the next tropical or subtropical system to receive a name will be called "Beryl."

See the list: <https://www.clickorlando.com/weather/hurricane/heres-the-nhcs-full-list-of-2018-atlantic-storm-names>

**Storm surge: After Irma, Harvey and Maria, providers prep for a new hurricane season**

(Modern Healthcare) Last year's devastating hurricane season offered a lot of lessons for providers, but a recent ACEP poll suggests many still aren't ready if another disaster strikes. [READ MORE](#)

**NPR: Lessons From Hurricane Irma:  
When To Evacuate And When To Shelter-In-Place**

As the 2018 hurricane season begins, experts and emergency managers have been studying last year's evacuations before Hurricane Irma. Nearly seven million people left Florida to escape the hurricane.

<https://www.npr.org/2018/06/01/615293318/lessons-from-hurricane-irma-when-to-evacuate-and-when-to-shelter-in-place>

**Bowling Green hospital no longer releases information about births  
in an effort to keep infants safe from possible abduction**

(KY Health News) The Medical Center at Bowling Green no longer releases information about births to the news media or through social media, following recommendations from the [National Center for Missing and Exploited Children](#).

An [analysis](#) by the center, which it clearly states is not a scientific study, concluded that there have been 325 confirmed infant abductions in the U.S. since 1965, with 43 percent from health-care facilities, 42 percent from homes and 14 percent from other locations.

Read more: <http://kyhealthnews.blogspot.com/2018/06/bowling-green-hospital-no-longer.html>

**Too much bad news can make you sick**

(CNN) Learn to soothe your stress response and build social connections to help stay afloat when you feel you are drowning in bad news.

Full stressful story: <https://www.cnn.com/2018/06/01/health/bad-news-bad-health/index.html>

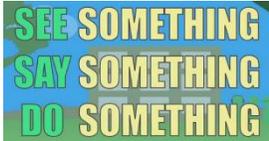
## Why are deaths among U.S. kids, teens on the rise?

(CBS) A perfect storm of murder, addiction and carelessness has fueled a recent and troubling increase in deaths among U.S. children and teens, a new government report shows.

The total death rate for those aged 10 to 19 rose 12 percent between 2013 and 2016, mostly due to an increase in deaths from accidental injury, homicide and suicide, researchers from the U.S. Centers for Disease Control and Prevention found.

In short, the United States is becoming less safe for teenagers. The primary causes of injury deaths were [motor vehicle accidents](#), [suicide](#), firearms-related murders and [drug overdoses](#), the report discovered.

Full report: <https://www.cbsnews.com/news/why-are-deaths-among-u-s-kids-teens-on-the-rise/>



## Cal Poly Counseling Posts YouTube Video Addressing "Helping Friends in Distress"

Watch the 4:27 min video here:

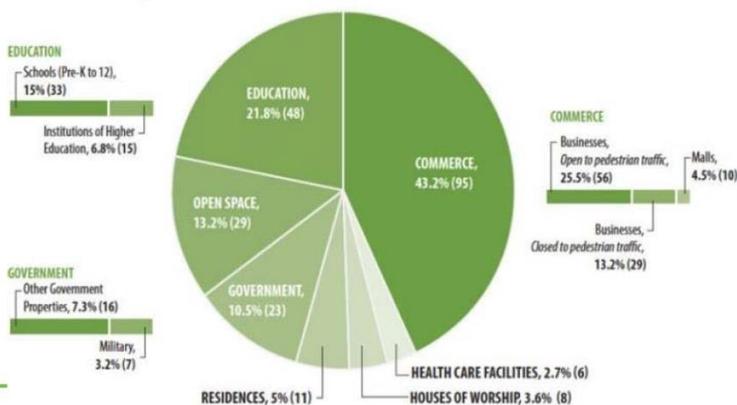
<https://www.youtube.com/watch?v=Y13EAbthD8Y>

## Petition Demands Cancellation of School Mass Shooter Game 'Active Shooter' may allow users to play as a school shooter

(Newser) – More than 120,000 people so far have signed [a petition](#) calling for a game that [simulates a mass shooting inside a school](#) to be pulled from release. *Active Shooter* allows players to play as either the shooter or a SWAT responder and is due out June 6 on digital platform [Steam](#), although after outcry erupted, its creator insisted in a [blog post](#) it is meant to be a "SWAT simulator" and said he might remove the ability to play as the shooter due to the controversy. Many have spoken out against the game, from politicians to activists to survivors of shootings in Parkland, Fla., and elsewhere, [NBC News](#) reports. [Vox](#) notes that a screenshot of the game shows that when playing as the shooter, stats are kept on the number of police officers killed as well as the number of civilians killed. Source: <http://www.newser.com/story/259922/petition-demands-cancellation-of-school-mass-shooter-game.html>

## Incident Location Categories

Quick Look: 220 Active Shooter Incidents in the United States Between 2000 - 2016  
Location Categories



## NFPA 3000: Standard for an Active Shooter/Hospital Event Response

(USFA) The National Fire Protection Association (NFPA) has released "[NFPA 3000: Standard for an Active Shooter/Hostile Event Response \(ASHER\) Program](#)." This provisional standard was fast-tracked to address the increase in such incidents in recent years and provide guidance in [developing unified command and integrated response](#) with law enforcement partners.

[Announcement: <https://www.nfpa.org/News-and-Research/News-and-media/Press-Room/News-releases/2018/NFPA-releases-the-worlds-first-active-shooter-hostile-event-standard>]

(NFPA) As more hostile events continue to occur, it is critical for law enforcement, first responders, emergency personnel, facility managers, hospital officials, community members, and others to have

the information they need to be prepared when attacks happen. To address that need, NFPA® developed a new provisional standard – NFPA 3000™ (PS), Standard for an Active Shooter/Hostile Event Response (ASHER) Program.

The purpose of NFPA 3000™ (PS) is to identify the minimum program elements needed to organize, manage, and sustain an active shooter and/or hostile event response program and to reduce or eliminate the risks, effect, and impact on an organization or community affected by these events. The document addresses the following areas and others:

- Planning
- Assessing risks
- Developing community-wide programs
- Responding
- Establishing competencies
- Communicating to all stakeholders
- Recovering
- Planning recovery efforts
- Taking into account healthcare and mental health issues

Read more: <https://www.nfpa.org/~media/0E8FE5DBA73B46E0801AAFB4D8F17263.ashx>

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**FCC Chairman Proposes Funding Increase for Rural Telehealth Program**

([AHA Today](#)) Federal Communications Commission Chairman Ajit Pai today, as [urged by the AHA](#), asked his colleagues to approve quickly an [order](#) that would increase funding for the Rural Health Care Program by \$171 million. "This money will help health care providers get the connectivity they need to better serve patients throughout rural America," Pai said. "Demand for funding has been outpacing the program's funding cap, so I also believe that the increased cap should apply to the current funding year so that rural health care providers can be fully reimbursed." The order would, if approved, increase the program's annual cap to \$571 million. The increase represents what the funding level would be today had the cap, which was established in 1997, included an inflation adjustment. The order also would adjust the cap annually for inflation and allow unused funds from prior years to be carried forward to future years. "We greatly appreciate the action and commitment by Chairman Pai to meet the broadband connectivity needs of rural health care providers," said AHA Executive Vice President Tom Nickels. "This funding is critical to improve the lives of rural Americans now more than ever since innovations in health care demand connectivity for telehealth, remote monitoring, patient engagement and daily operations."

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**House Considers Draft Legislation to Reauthorize Preparedness Programs**

([AHA Today](#)) The House Energy and Commerce Health Subcommittee held a [hearing](#) on draft legislation that would reauthorize the Pandemic and All-Hazards Preparedness Act through 2023. The draft legislation would authorize \$264.6 million in annual funding for the Hospital Preparedness Program, down from \$374.7 million currently. In a [letter](#) to the bill's co-sponsors, Reps. Susan Brooks (R-IN) and Anna Eshoo (D-CA), AHA urged the subcommittee to return the annual authorization level to at least \$515 million to address the growing threats that hospitals, health systems and communities face and the program's proposed expansion to include response activities and cybersecurity. AHA voiced support for the proposal to allow health systems, state hospital associations and health care coalitions to compete with health departments for HPP funds in their state or jurisdiction, and urged the subcommittee to also explicitly permit academic medical centers and metropolitan and regional hospital associations to compete for the awards. In addition, the association recommends amending the draft legislation to formally keep the HPP and Public Health Emergency Preparedness programs separate under their respective agencies. The AHA also opposes the proposal to use transfers from other discretionary Health and Human Services programs to finance the Public Health Emergency Fund and recommends limiting the fund's use to a declared or potential public health emergency.

Testifying at the hearing, National Association of County and City Health Officials President Umair Shah, M.D., executive director for Harris County (TX) Public Health, also called for increased funding for the HPP. The Senate Health, Education, Labor and Pensions Committee last month [approved](#) legislation (S. 2852) that would reauthorize the HPP and PHEP program through 2023, with a 2.7% increase in authorized funding for HPP.

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**New Video Posted on InfraGard  
FBI WMD Threat Credibility Evaluation**

(InfraGard) The FBI Weapons of Mass Destruction Division has created a video for the public regarding the FBI's incident response. This five minute video will walk you through the information the FBI needs to deploy national assets for local threat incidents. This process is called the Threat Credibility Evaluation (TCE).

The TCE video deals with a weapons of mass destruction (WMDD) threat that can happen anywhere at any time. This particular scenario is a radiological incident that shows up unannounced by unknown subject(s). It demonstrates how the local police make the encounter unexpectedly and subsequently contact the Federal Bureau of Investigation to formulate an operational response plan. All key elements are covered which involves local, state, and federal partners. This is very important to view and know what needs to be accomplished when, not if, a situation of such consequence occurs in your Hometown, USA. Proper evaluation of an event/crisis is crucial and efforts continue by bringing together all involved agencies. Time is a critical element in all situations and your preparedness is vital. The Federal Bureau of Investigation has access to numerous resources and is available upon notification. Never hesitate to make contact with your local FBI field office, especially if you are unsure of what you may have come in contact with. Communication is without a doubt the key factor to set mitigation underway, and safely resolve any crisis.

This video can be accessed via the InfraGard Portal. Members will need to login system using your InfraGard user name and password. After your successful login, click on the "Webinars/Videos" icon located on your Dashboard. The video is titled "FBI WMD Threat Credibility Evaluation (TEC)"

Please log in to <https://www.infragard.org> to view the message & video.

*[Note: Access to the above InfraGard site requires a login/password. Membership is free.]*

Please view the video on YouTube: <https://www.youtube.com/watch?v=7UcTrmylnH8>

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**Save the date: August 1, 2018  
2018 Falls and Osteoporosis Summit  
University of Louisville-Shelby Campus**

For more information regarding the Summit contact Jeanne Harris [Jeanne.harris@Uky.edu](mailto:Jeanne.harris@Uky.edu)

**2018 National Fall Prevention Awareness Day is September 22, the first day of fall**

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**NOTICE: ASPR TRACIE/NETEC Ebola Update Webinar on June 12 is full/closed.**

*They anticipate having a recording available on line after July 13*

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**National Emergency Preparedness (EP) Webinar for Providers**

The CMS will host a national webinar for EP Providers on topics and questions related to the new **CMS EP Rule, the 1135 waiver** and Lessons Learned (observations) within the past year.

- **What:** National Emergency Preparedness Webinar
- **Who:** Emergency Preparedness Providers
- **When:** Tuesday, June 19, 2018 at 1:00-2:30 pm, ET.

**Please use the following link to register for this upcoming webinar.** <https://events-cms.webex.com/events-cms/onstage/g.php?MTID=e7370c6aed632224a71e0c56b2b7a9bf9>

**For questions related to content:** Please submit EP questions in advance to [SCGEmergencyPrep@cms.hhs.gov](mailto:SCGEmergencyPrep@cms.hhs.gov).

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**Upcoming TRACIE Webinar:**

**Healthcare Challenges after Radiological Incidents**

(ASPR TRACIE) While there is an abundance of resources geared towards healthcare, public health, and emergency management professionals planning for a large-scale radiological release or nuclear detonation incident, concrete planning remains challenging and few jurisdictions have detailed plans. Power plant incidents, radiation dispersal devices, and improvised nuclear device detonations result in very different injury and exposure patterns and response planning must account for all of these. On July 11, from 2-3:15 p.m. EDT, webinar panelists will discuss the effects of radiological incidents on health, healthcare, and planning strategies related to different incidents. They will also share guidance and lessons learned from recent exercises and research in assessing, triaging, treating, and following up on casualties of radiological and nuclear emergencies. [Register for this webinar today!](#)

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**Report: Fragile supply chain causing antibiotic shortages, resistance threat**

(CIDRAP) A new report is warning about an emerging crisis in the global antibiotic supply chain that's causing antibiotic shortages and contributing to antimicrobial resistance (AMR).

In a white paper released today, the Dutch nonprofit Access to Medicine Foundation argues that a fragile global supply chain that's dependent on a small number of antibiotics manufacturers, along with a financially unstable economic model, are responsible for shortages of antibiotics on a global and national level. Because of these shortages, some patients in need of antibiotics are being treated with lower-quality medications that don't cure their infections and increase the risk of resistance.

Full story: <http://www.cidrap.umn.edu/news-perspective/2018/05/report-fragile-supply-chain-causing-antibiotic-shortages-resistance-threat>

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**Insurer denials for Hepatitis C treatment remain high**

(Modern Healthcare) Despite the availability of certain Hepatitis C drugs able to cure most patients, public and private health insurers denied treatment for more than a third of patients whose doctors prescribed the drugs between 2016 and April 2017, according to a study. [READ MORE](#)

**Naloxone recall due to particulate matter**

(CNN) (CNN)The opioid overdose antidote Naloxone has been recalled by its maker, Hospira, [the US Food and Drug Administration said](#) Monday.



The recall was prompted by the potential for "loose particulate matter on the syringe plunger" which could result in a range of adverse events. "In the event that impacted product is administered to a patient, the patient has a low likelihood of experiencing adverse events ranging from local irritation, allergic reactions, phlebitis, end-organ granuloma, tissue ischemia, pulmonary emboli, pulmonary dysfunction, pulmonary infarction, and toxicity."

No instances of adverse events have been reported, according to the recall announcement. Anyone who experiences a related adverse event should report it to the FDA.

Read full story with video report: <https://www.cnn.com/2018/06/04/health/naloxone-recall-bn/index.html>

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**5 kinds of hepatitis all attack one organ in the body**

(USA TODAY) Confused about all of the different types of hepatitis?

All five kinds of hepatitis — A, B, C, D and E — target the liver but do so in different ways with different outcomes, according to the federal [Centers for Disease Control and Prevention](#). The reason they're all called hepatitis is because the word itself, from the [Greek \*hepar + itis\*](#), means liver inflammation.

Learn more: <https://www.usatoday.com/story/news/nation-now/2018/05/29/types-hepatitis-virus-liver-diseases/653765002/>

**Public health emergency guidelines leave room for improvement**

(CIDRAP News Scan) A study yesterday in *PLoS One* reviews emergency guidelines produced by the WHO during four recent major public health events and finds them lacking. Experts from the WHO, Spain, and Canada assessed 175 information products (including 87 guidelines) created during the 2009 H1N1 pandemic, H7N9 avian flu and MERS outbreaks in 2013, and Ebola in West Africa from 2014 to 2016. All four events required significant responses from the WHO.

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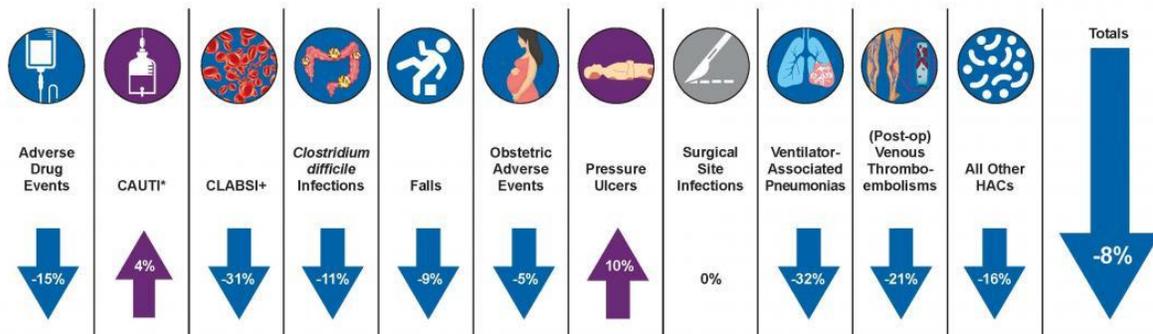
**Declines in Hospital-Acquired Conditions Save 8,000 Lives and \$2.9 Billion in Costs**

(AHRQ) Data released today by the Agency for Healthcare Research and Quality (AHRQ) show continued progress in improving patient safety, a signal that initiatives led by the Centers for Medicare & Medicaid Services (CMS) are helping to make care safer. National efforts to reduce hospital-acquired conditions, such as adverse drug events and injuries from falls, helped prevent an estimated 8,000 deaths and save \$2.9 billion between 2014 and 2016, according to the report.

**Declines in Hospital-Acquired Conditions**



National efforts to reduce hospital-acquired conditions such as adverse drug events and injuries from falls helped prevent 8,000 deaths and saved \$2.9 billion between 2014 and 2016.



\*CAUTI - Catheter-Associated Urinary Tract Infections  
 +CLABSI - Central Line-Associated Bloodstream Infections

The [AHRQ National Scorecard on Hospital-Acquired Conditions](#) estimates that 350,000 hospital-acquired conditions were avoided and the rate was reduced by 8 percent from 2014 to 2016. Federal experts note that the gains in safety among hospital patients echoed earlier successes, including 2.1 million hospital-acquired conditions avoided between 2010 and 2014.

Full story: <https://www.ahrq.gov/news/newsroom/press-releases/declines-in-hacs.html>

To read the AHRQ report, please visit: <https://www.ahrq.gov/professionals/quality-patient-safety/pfp/index.html>.

For a fact sheet on CMS-led patient safety efforts, please visit: <https://www.cms.gov/Newsroom/MediaReleaseDatabase/Fact-sheets/2018-Fact-sheets-items/2018-06-05.html>.

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**Report: US pigs consume nearly as many antibiotics as people do**

(CIDRAP) A report from the Natural Resources Defense Council (NRDC) is taking the US pork industry to task for irresponsible use of medically important antibiotics, saying the amount of antibiotics used in pigs is nearly the same as that used to treat humans.

The report estimates that 27.1% of all medically important antibiotics sold in the United States are for pig production, while a roughly equivalent amount—27.6%—is sold for use in human medicine. The report suggests that the heavy use of antibiotics in pigs is primarily for disease prevention, a practice

the NRDC says is unnecessary. The group argues that the heavy use of antibiotics in pig and other livestock production is contributing to the rise and spread of antibiotic resistance in both animals and people.

Read more: <http://www.cidrap.umn.edu/news-perspective/2018/06/report-us-pigs-consume-nearly-many-antibiotics-people-do>

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**Norton Healthcare invests \$18 million in Norton Audubon energy plant**

(WDRB) - Norton Healthcare invested \$18 million in thermal storage and a cutting-edge hybrid energy plant at Norton Audubon Hospital.

Although it's a hefty investment, the hospital system's energy initiative will help save nearly \$1 million a year in energy costs, using natural gas to heat and cool the hospital instead of electric.

The new plant also makes it easier to individually control the temperature in each room using a computer, which is a luxury for patients but a necessity for surgery.

Norton Healthcare started the energy initiative at Norton Audubon Hospital because of its aging infrastructure and rising energy costs. The initiative has resulted in reduced energy and maintenance costs, a smaller carbon footprint and better indoor air quality.

Learn more and see video report: <http://www.wdrb.com/story/38344615/norton-healthcare-invests-18-million-in-norton-audubon-energy-plant>

**June Training Opportunities with ENERGY STAR®**

(ASHE) Energy Star offers free training for KSHE members who are participating in the ASHE Energy to Care Chapter Challenge! Webinars coming up in June include Ask the Expert, Make a splash with quick water wins, and Portfolio Manager 101-301. Click the link below to view the webinar calendar and register!

Learn more: <https://esbuildings.webex.com/mw3300/mywebex/default.do?siteurl=esbuildings>

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**Scout's toy grenade causes bomb scare in Houston airport**

(ABC/AP) A Boy Scout who packed a toy grenade in his carry-on bag caused the shutdown of a security checkpoint at Houston's William P. Hobby Airport Thursday morning, just a day after the international terminal of the city's other major airport was evacuated due to a bomb scare.

Houston Airport System spokesman Bill Begley said people were allowed to approach the checkpoint again after authorities determined that the suspicious item spotted by a Transportation Security Administration agent was a "novelty grenade." It's not clear why the 17-year-old had the item in his bag.

The episode created a backlog of at least a thousand people waiting to go through security.

Full story: <https://abcnews.go.com/Travel/wireStory/toy-grenade-bomb-scare-houston-airport-55715227>

----- **IT Quickies** -----

**Microsoft program provides a decade of updates for Windows IoT devices**

<https://news360.com/article/457079401>

**How to keep Amazon Echo, other devices from listening to private chats**

<https://www.cbsnews.com/news/amazon-echo-alexa-how-to-keep-voice-enabled-devices-from-listening-to-private-conversations/>

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**Naval Postgraduate School: HOMELAND SECURITY DIGITAL LIBRARY  
CRITICAL RELEASES FOR JUNE 2018**

- [Cybersecurity for the States: Lessons from Across America](#)
- [Enhancing the Resilience of the Internet and Communications Ecosystem Against Botnets and Other Automated, Distributed Threats, Report to President](#)
- [Oxygen of Amplification: Better Practices for Reporting on Extremists, Antagonists, and Manipulators Online](#)

- [Shadow Sector: North Korea's Information Technology Networks](#)
- [Spiders of the Caliphate: Mapping the Islamic State's Global Support Network on Facebook](#)

**[Note: Access to the above studies and reports requires a login/password. Accounts are free.]**

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## **2018 Healthcare Coalition Conference**

### **Navigating the River of Change**

September 18-20, 2018, Owensboro Convention Center - The Healthcare Coalition Conference consistently delivers top-notch educational content, hours of continuing education credits, as well as ongoing opportunities to discuss emerging issues and best practices with colleagues, vendors, and consultants. Healthcare Coalition Conference is designed to meet the educational needs of health care engineers, professionals involved in managing safety & security in healthcare facilities, as well as professionals in healthcare supply chain and materials management.

The program is approved by ASHE for 12.25 contact hours and 1.25 CEUs, and registration is open now! Website to learn more: [https://kshe.site-ym.com/general/custom.asp?page=2018hcc\\_homepage](https://kshe.site-ym.com/general/custom.asp?page=2018hcc_homepage)

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## **Certified Healthcare Contractor—CHC**

*September 17, 2018, Owensboro, Kentucky*

KSHE membership has long supported the concept of certifying contractors who wish to work in their Kentucky hospitals. The emphasis is on “Certification” because at the end of this 1-day program, there is a certification exam. Those who pass the exam will be designated “Certified Healthcare Contractor.” This certification will be valid for 3 years.

Learn more about our [certification programs](#) or email [info@kshe.org](mailto:info@kshe.org) for further clarification.

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## **HRSA Maternal Mortality Summit**

The theme for HRSA's Maternal Mortality Summit is Promising Global Practices to Improve Maternal Health Outcomes. HRSA will bring together leading subject matter experts from within and beyond U.S. borders to highlight innovative strategies in reducing maternal mortality. In addition to experts from the U.S., invited countries include Brazil, Canada, Finland, India, Rwanda, and the United Kingdom, as well as the World Health Organization.

The Summit is invitation-only, and will be held from June 19-21. However, plenaries are open to the public via webcast. View the [plenary schedule](#). Visit HRSA's [Maternal Mortality webpage](#)..

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**As we get closer to July 4th - Remember.....**

If you **see** something, **say** something®

<a href="#">What is Suspicious Activity?</a>	<a href="#">About the Campaign</a>	<a href="#">Become a Partner</a>	<a href="#">Campaign Materials</a>	<a href="#">Take the Challenge!</a>
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<https://www.dhs.gov/see-something-say-something>

**Recognize the signs:** <https://www.dhs.gov/see-something-say-something/campaign-materials/indicators-infographic>

**Campaign materials:** <https://www.dhs.gov/see-something-say-something/campaign-materials>

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.