



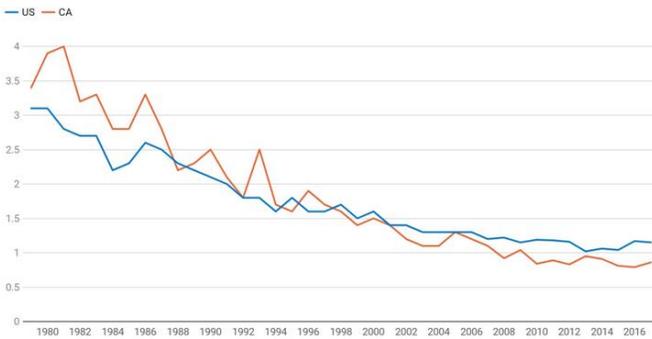
Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for July 24, 2019

Child Drowning Rates Drop as Communities Adopt Stricter Building Codes

(KHN) Some welcome news at the height of summer swimming season: Children are far less likely to drown in California than they were in the 1980s — and child drowning rates have continued to fall even in the past

Child Drownings Plummet

Rate of accidental drownings per 100,000 children age 14 and younger.



Credit: Phillip Reese for California Healthline
Source: U.S. Centers for Disease Control and Prevention

decade, according to data from the Centers for Disease Control and Prevention.

The nation as a whole has experienced a similar, though less dramatic, decline, with drowning rates for children age 14 and younger now about one-third of what they were in the early 1980s.

Experts say state and local laws that require more fencing and security features around family swimming pools have made a difference, along with increased awareness of the dangers of letting young children swim alone.

Nationally, the drowning rate for children age 14 and younger was 2.9 per 100,000 over three years from 1980 to 1982 (4,417 deaths). By comparison, from

2015 to 2017, that rate fell to 1.1 per 100,000 (2,051 deaths).

Learn more: <https://khn.org/news/child-drowning-rates-drop-as-communities-adopt-stricter-building-codes/>

Deadly fungal infections may increase with global warming

(NBC) Scientists have a new theory about the origins of a dangerous, drug-resistant fungus that can strike the sickest patients in hospitals and other facilities that provide long-term care: global warming.

The fungus, a type of yeast called *Candida auris*, was discovered just 10 years ago in a Japanese patient with an ear infection. ("Auris" is Latin for "ear.") Since then, it has been diagnosed in patients around the world.

But *C. auris* didn't spread like a virus would, radiating out from one location. Instead, it popped up simultaneously in different parts of the world, including India, South Africa and South America.

Climate change has been implicated in other changes in disease-causing pathogens, especially bacteria that like to live in warm water, and the spread of mosquito-borne viruses such as Zika and West Nile. And a recent [report](#) from the CDC also suggested climate change has played a role in the emergence of drug-resistant fungal infections.

Full story: <https://www.nbcnews.com/health/health-news/deadly-fungal-infections-may-increase-global-warming-n1032366>

Disaster Assistance: FEMA Has Taken Steps toward Better Supporting Individuals Who Are Older or Have Disabilities

(GAO) GAO's May 2019 report found that some individuals who are older or have disabilities may have faced challenges registering for and receiving assistance from the Federal Emergency Management Agency (FEMA) and its nonfederal partners (such as state, territorial, and local emergency managers). The report also found that FEMA had taken limited steps to implement the agency's new approach to assist individuals with disabilities. GAO made seven recommendations to FEMA; FEMA concurred with six. FEMA has established new registration questions and a timeline to offer training to its partners.

Read more: <https://www.gao.gov/products/GAO-19-652T?source=ra>

How Do Tornadoes Form?

Tornadoes are unpredictable and can form quickly—here's what you need to know.

Learn more: <https://www.popularmechanics.com/science/environment/a28396453/how-do-tornadoes-form/>

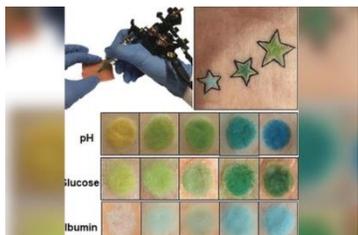
FYI - Infant head and neck support accessories sold at Target, Buy Buy Baby recalled due to suffocation hazard

Read more: <https://www.lex18.com/news/national/infant-head-and-neck-support-accessories-sold-at-target-buy-buy-baby-recalled-due-to-suffocation-hazard>

Aug. 20 webinar on the health professional's role in helping sex-trafficked youth

AHA's *Hospitals Against Violence initiative* Aug. 20 at 2 p.m. ET will host a webinar to help health professionals understand some of the unique needs in caring for youth and young adults who have been or are being sex trafficked. The webinar will highlight a case-based scenario that demonstrates some of the issues often confronted by health professionals in identifying and responding to youth and young adult sex trafficking survivors. In addition, it will focus on the importance of using a trauma-informed approach particularly when addressing issues around mandated reporting, consent and confidentiality often raised with this aged population. [View more information and register.](#)

Color-changing tattoos will track your glucose levels



(NY Post) Soon, tattoos won't just show how cool you are — they'll also show how healthy you are. Diabetics may soon be able to keep an eye on their glucose levels by getting tatted, all thanks to a new medical breakthrough that gives body art a possibly lifesaving purpose. The new tattoos are still permanent, but researchers believe they could also be a simple, low-cost way to let patients with ailments such as diabetes, blood disease or kidney failure get crucial, real-time warnings about their health. There's also a smartphone app the researchers developed to help people "read" the tattoos.

Learn more: <https://nypost.com/2019/07/23/color-changing-tattoos-will-track-your-glucose-levels-study/>

Fort Knox to break ground on new training facility

(WAVE) - The U.S. Army will be breaking ground soon on a new high-tech training facility in Fort Knox. The new Digital Air-Ground Integration Range (DAGIR) is expected to finish construction in 2023, according to a report on the Fort Knox News website. When finished, it will be a fully computerized range which will allow the military to simulate and plan missions from both land and air at the same time. The range will be approximately 3,000 square acres and will cost about \$52 million. Once construction is finished, noise levels are expected to increase in surrounding areas, such as Bullitt, Meade and Hardin counties.

Full story: <https://www.wave3.com/2019/07/23/fort-knox-break-ground-new-training-facility/>

Air Evac Lifeteam makes emergency landing with patient aboard

(WKYT) A Kentucky medical helicopter had to make an emergency landing while transporting a patient.

[Gray affiliate WVLT reports an Air Evac Lifeteam helicopter was flying from Harlan to Knoxville with a patient on board, but the pilot made a precautionary landing around 3:30 p.m. Tuesday after a light went off in the cockpit.](#)

The landing occurred northeast of Knoxville in Corryton. A UT Lifestar helicopter responded to continue transporting the patient. An Air Evac Lifeteam spokesperson said the pilot followed procedures and are trained to find the safest spot to land if a light goes out.

Story: <https://www.wkyt.com/content/news/Kentucky-medical-helicopter-makes-precautionary-landing-with-patient-on-board-513105801.html>

Trust for America's Health July 24th Health Security and Preparedness Update

- The Chicago Tribune: [As vaccine opposition grows, survivors of measles, mumps and rubella warn of lifelong effects, including vision loss, deafness: 'How different my life would have been'](#)
- *Medical Economics*: [Nearly half of adult patients skeptical of vaccines, survey finds](#)
- *Homeland Security Today.US*: [How States Are Changing the Face of Emergency Management](#)
- *Homeland Security Today.US*: [HHS, DoD, VenatoRX Pharmaceuticals to Co-Develop Antibiotic to Treat Drug-Resistant Infections](#)

Malware that can steal your passwords spikes 60% Credit card info and autofill data is up for grabs as browser-based attacks surge.

Read more: <https://www.cnet.com/news/malware-that-can-steal-your-passwords-spikes-60-security-firm-warns/>

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 added or deleted, 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.