



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for July 17, 2019

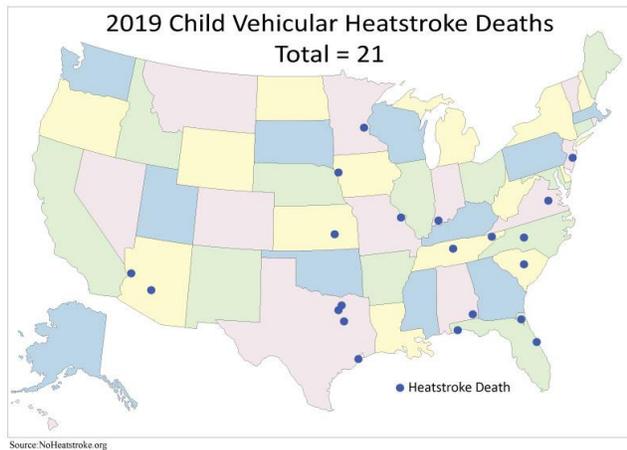
Heat Advisories, Watches and Warnings

National Weather Service Louisville KY - EXCESSIVE HEAT WARNING IN EFFECT FROM 2 PM EDT /1 PM CDT/ THURSDAY TO 8 PM EDT /7 PM CDT/ SUNDAY. Heat indices ranging from 100 to as high as 110 degrees will be possible each afternoon from Thursday into Sunday, with the highest heat indices along and west of I-65.

National Weather Service Jackson KY - Excessive Heat Watch - Hot and humid conditions to develop on Friday and Saturday across portions of Eastern Kentucky. An expansive dome of high pressure will develop and cover parts of the area, generally northwest of the Mountain Parkway, to end the work week and start the weekend. This oppressive regime will be aided by warm air aloft preventing showers or storms for those parts of eastern Kentucky, thus providing little in the way of relief. As a result, heat indices will exceed 100 degrees for many hours both afternoons with maximum readings surpassing 105 degrees not out of the question. Accordingly, an excessive heat watch has been issued for these locations from Friday afternoon through the first part of Saturday evening.

National Weather Service Paducah KY - EXCESSIVE HEAT WARNING IN EFFECT FROM NOON THURSDAY TO 7 PM CDT SUNDAY. Maximum afternoon heat index values from around 105 to 110 degrees are expected Thursday through Sunday.

National Weather Service Wilmington OH (Northern KY) - HEAT ADVISORY IN EFFECT FROM 2 PM TO 10 PM EDT THURSDAY; EXCESSIVE HEAT WATCH REMAINS IN EFFECT FROM FRIDAY AFTERNOON THROUGH SATURDAY EVENING. HEAT INDEX VALUES...100 to 104 Thursday. Near or above 105 due to temperatures in the mid 90s, and dew points in the mid 70s Friday and Saturday.



IMPACTS: Several days of heat indices near or above 105 degrees could have a cumulative impact on some individuals, especially those who engage in prolonged outdoor work or other activities.

Also, car interiors can reach lethal temperatures in a matter of minutes. *Never leave pets, children, or the elderly unattended in parked vehicles.*

The extended period of high heat and humidity can worsen the effects of heat stress. Other impacts include potential heat stroke, heat exhaustion and other heat related illnesses will be possible, especially if you spend a significant

amount of time outdoors, or are involved in any strenuous outdoor activity.

Heat Safety Tips and Resources from National Weather Service

<https://www.weather.gov/safety/heat>

CDC Extreme Heat Tips: <https://www.cdc.gov/disasters/extremeheat/heattips.html>

KY CHFS Guidelines for Warm Weather: <https://chfs.ky.gov/News/Documents/nrheat.pdf>

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

President to order drive for improved flu vaccine

(Politico) President Donald Trump is readying an executive order that would direct HHS to overhaul the development of flu vaccine and encourage more Americans to get vaccinated, say nine people with knowledge of the plan and according to internal documents reviewed by POLITICO.

The move represents a significant reversal from a president who spent years attacking the safety of vaccines prior to taking office. However, it would largely codify work that's already underway at HHS, and budget officials and Congress have yet to sign off on additional funding, said four individuals with knowledge of the strategy.

Read full story: <https://www.politico.com/story/2019/07/16/trump-to-order-drive-for-improved-flu-vaccine-1595563>

House Backs Probe of Whether Military Used Ticks to Spread Lyme Disease

([Newser](#)) – A measure in Congress calls for an investigation into whether the military tried to put pathogens into ticks so they could be used as biological weapons. Rep. Chris Smith hopes a probe could answer whether the chronic illness was spread in this country by a weapons program and possibly lead to a cure, the [Asbury Park Press](#) reports. Smith said he was influenced by "a number of books and articles suggesting that significant research had been done at US government facilities, including Fort Detrick, Maryland, and Plum Island, New York, to turn ticks and other insects into bioweapons." Experts have doubted the theories, per [CBS](#), which include the possibility that the CDC was in on a cover-up. Either way, Smith has been a staunch advocate of increased efforts to fight Lyme disease; the [CDC](#) says about 30,000 new cases are reported to it each year.

Related CBS story on weaponizing ticks: <https://www.cbsnews.com/news/house-passes-amendment-ordering-pentagon-to-investigate-whether-ticks-were-weaponized/>

Kentucky Health Officials Won't Ban Tattoos Over Scars

(WFPL) A plan to ban tattooing on scarred skin will fade away after Kentucky health officials backed off [the proposed regulation](#). State officials said Tuesday that updated regulations for tattoo studios will move forward without the proposed ban on tattoos over scars.

The Cabinet for Health and Family Services says it received more than 600 public comments on the matter. The cabinet says there's a lack of "available evidence to support" the proposed ban. The plan drew a backlash from groups that said the proposed rule was unwarranted and unfair.

Full story: <https://wfpl.org/kentucky-health-officials-wont-ban-tattoos-over-scars/>

[Skin Sensors Are the Future of Health Care](#)

(*Nature*) Thin, soft electronic systems that stick onto skin are beginning to transform health care. Millions of early versions¹ of sensors, computers and transmitters woven into flexible films, patches, bandages or tattoos are being deployed in dozens of trials in neurology applications alone²; and their numbers growing rapidly. Within a decade, many people will wear such sensors all the time. The data they collect will be fed into machine-learning algorithms to monitor vital signs, spot abnormalities and track treatments.

**First Responders, Nurses and Medical Personnel
"Taking Care of Our Own"**

Friday, August 2, 2019 - 8:30 AM to 3 PM (ET)
WestLex General Aviation Services
4464 Gumbert Rd, Lexington, KY



The course is offered to all first responders, hospital personnel and interested individuals who care about the emotional wellness of our providers. The course is sponsored by The MedEvac Foundation International has joined with Air and Surface Transport Nurses Association (ASTNA) and the International Association of Flight and Critical Care Paramedics (IAFCCP); and is supported by KBEMS and the KY Fire Commission, but is open to everyone. Lunch is provided, and 4.7 CE will be available.

Topics include:

- Life Saving Behaviors (factors impacting the provider and their well-being)
- Emotional Resilience
- PTSD/Critical Stress, A Personal Story

Register at: https://aams.formstack.com/forms/mfi_tcoot2019

The KHEREF 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 KHEREF are supported by US DHHS ASPR HPP funds through a contract with Kentucky Public Health.