



# Environmental Public Health Tracking

USING EPHT DATA AND RESOURCES TO MAKE A DIFFERENCE

## Missouri EPHT Maps are Now Mobile Device Friendly

### What was the problem/situation?

The Missouri Environmental Public Health Tracking (EPHT) team has been creating maps in a Flex format. They look good and function great on desktop and laptop computers, however they didn't function correctly on smart phones and other mobile devices. With the boom in the use of this type of technology something needed to be done to have EPHT products the public will continue to use.

### How was Tracking involved?

The Missouri EPHT team recognized this problem and addressed it by contacting the Office of Geospatial Information to investigate what could be done. Maps on the EPHT portal were re-written by the EPHT Geographic Information System (GIS) Specialist to remove their dependency on the Flash Player. The maps are now written in HTML/JavaScript, a mobile friendly platform. Once re-written, the maps were located on a test server so EPHT staff could test them before they went live to the public.

### What action was taken to resolve the problem?

As a result of the conversion/re-writing of the maps from a Flash Player platform to a mobile friendly platform, the public may now pull up the Missouri Fish Advisory interactive map while planning their family fishing trip. During extreme heat and cold weather, the public may now use their smartphones, tablets, and other electronic devices to quickly locate the closest cooling or warming center. This helps Missouri lower the number of hospitalizations and deaths resulting from extreme heat and cold weather events.



**The National Environmental Public Health Tracking Program**  
*Missouri Environmental Public Health Tracking (EPHT) is a program within the Missouri Department of Health and Senior Services and is funded by the Centers for Disease Control and Prevention. EPHT is part of a larger initiative to establish Environmental Public Health Tracking systems at the national and state levels.*

