

# Health Matters



from the Kane County Health Department

— May 18, 2017 —

## Trending Matters:



**Help prevent breeding mosquitoes that carry West Nile & Zika**

- ✓ Don't let standing water collect on your property!
- ✓ Check for turned up garbage can lids, grill covers, and toys.
- ✓ Empty, clean & refill birdbaths & wading pools frequently.

## Summit for health professionals addresses the battle against TB

The Kane County and Kendall County health departments, in collaboration with the Illinois Department of Public Health (IDPH) and Mayo Clinic Center for Tuberculosis, are pleased to announce a free educative opportunity on Tuberculosis (TB). Many people in the United States still suffer from this disease. Anyone can get TB, and our current efforts to find and treat latent TB infection and TB disease are not sufficient.

### Co-Sponsors:



**Wednesday, June 14**

**Rush-Copley Heart Institute**

**2088 Ogden Avenue, Aurora**

**8 AM - 4:15 PM**

\*\*\* [LINK to Register](#) \*\*\*

### Topics will include:

- Diagnosis
- LTBI and TB Treatment
- Biologics (immunosuppressing drugs)
- Pediatrics and diabetes
- and more...

### Who should attend?

- Primary Care Providers
- MDs
- NP/PAs
- RNs
- Infection Control Practitioners
- and other health professionals working with tuberculosis

**Lunch sponsored by American Lung Association**

## Warm weather means another West Nile season

KCHD encourages residents to be vigilant about eliminating sources for mosquitoes to breed, as well as using personal protection to avoid mosquito bites. Warmer weather means that mosquitoes are becoming active. It's never too early for residents to inspect their homes and yards for sources of standing water where mosquitoes are likely to breed.

**Mosquito Bite Prevention (United States)**

Not all mosquitoes are the same. Different mosquitoes spread different viruses and bite at different times of the day.

Type of Mosquito	Viruses spread	Biting habits
 <i>Aedes aegypti</i> , <i>Aedes albopictus</i>	Chikungunya, Dengue, Zika	Daytime
 <i>Culex species</i>	West Nile	Dusk (evening) to dawn (morning)

### West Nile Virus

Predicting West Nile virus activity is a lot like predicting the weather, as it can change week to week. The key factors in determining high or low levels of West Nile virus activity are temperature and rainfall. The mosquito we associate with West Nile, the Culex mosquito, thrives in dry, hot weather. Those are the conditions that can ramp up West Nile activity.

Although people usually notice mosquitoes during rainy conditions, those mosquitoes are commonly called floodwater or nuisance mosquitoes and typically do not carry West Nile virus.

You can find more information about West Nile virus by visiting our website [HERE](#).

#### West Nile Virus & Zika Virus mosquitoes

**The Culex mosquito (right) carrier of the West Nile Virus**

Commonly found in Midwestern USA



**The Aedes mosquito (right) carrier of the Zika Virus**

Currently **NOT** commonly found in Midwestern USA



## Zika Virus

Once again this year the Health Department will be actively monitoring for the Zika virus. We need to keep in mind that in Kane County, the public at large is currently at extremely low risk of local transmission of the Zika Virus because the primary type of mosquito that has been found to transmit Zika virus (*Aedes aegypti*) is rarely found in Illinois. However, we know that many people travel to and from areas where Zika is more common. This opens the possibility that they may become ill while traveling. We will continue to provide up-to-date information about Zika as we receive it.

Those persons planning to travel to areas where the Zika virus is found should take the standard precautions for preventing mosquito bites. Also, it has been shown that the virus can be spread during sex by a man infected with Zika to his partner.

You can find more information about Zika virus by visiting our website [HERE](#).

## 'World No Tobacco Day!' reminds us our work isn't finished

World No Tobacco Day: May 31

Call the Quitline now! (866) QUIT-YES

Across the globe, we are seeing efforts to reduce the incidence of smoking. That's the purpose of 'World No Tobacco Day!' We use World No Tobacco Day and other observances and campaigns, such as Tobacco Twenty-One, to reinforce the importance of reducing smoking and the use of tobacco products.

TOBACCO  
~~eighteen~~ twenty-one

The effort to raise the minimum age of legal access to tobacco products is gaining steam, but our work is far from being finished. According to the Centers for Disease Control and Prevention (CDC), Illinois has an above national average rate of high school smoking, and a near average rate of adult smoking. This means that 230,000 children now under the age of 18 will die prematurely from smoking. Cigarette sales to those under 21 account for only 2.12% of total sales. But, because 90% of smokers start by the age of 21, these are the very sales that help lead to 9 out of every 10 new smokers.

The CDC tells us that smoking is the leading cause of preventable death. That's why observances like World No Tobacco Day! are so important. More information about the tobacco program in Kane County is available at our website by clicking [HERE](#).



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