WEST NILE VIRUS RISK ASSESSMENT

An awareness tool for use in alerting the residents of OKC-Co of risk from disease carrying mosquito activity.

Compares the weekly surveillance data to a baseline created using previous year’s weekly data.

Levels on the meter are based on the calculated average of all factors, including:

- **Average Temperature**: The hotter the temperature, the higher the risk of WNV activity.
- **Weekly Mosquito Counts**: The higher the number, the greater the risk of exposure to mosquito bites.
- **Virus Infection Rate**: Determined by using the number of positive samples and the number of mosquitoes tested each week.

Public Complaints

Human Surveillance Activity cases within the State and City-County

This is a messaging guide for the community, as these factors are known to increase the risk of West Nile Virus in Oklahoma County.

Epi@occhd.org for more information
PARTNERSHIP WITH LOCAL MUNICIPALITIES

Establish a partnership with your local municipalities in order to expand program impact, conserve resources and effectively mitigate county wide risk.

STEP 1: Find out who to contact. Reach out to municipalities and give them an overview of your program.

STEP 2: Become familiar with the municipal codes in relation to stagnant water and/or mosquito complaints. Keep in mind they may have different departments and/or individuals responsible for enforcement procedures.

STEP 3: Outline the capacity of the LHD to train and assist the municipalities and how it will benefit them and the public.

Types of LHD assistance can include:
- Providing informational materials (ex.: posters and flyers)
- Assistance with media interviews
- Subject matter experts presenting at public events
- Habitat remediation efforts
- Training for staff
- Larvicide supply or application
- Hosting continuing education events/forums

STEP 4: Always remember to maintain consistent communication once it is established with existing municipal partners so that it improves each year. Establish a routine meeting before and after each season. This allows for planning, continuity and teamwork.