



June 2008

Fayette County Health Beat

Healthy Choices • Healthy People • Healthy Communities

Prevention of West Nile Virus

By Matthew Stroud Director of Environmental Health

Now is the time of year for taking steps to protect yourself against mosquito-borne West Nile Virus. Many simple steps can be taken around the home to reduce your chances of contracting this potentially dangerous disease.

70% of all West Nile Virus (WNV) cases are transmitted by the *Culex pipiens* mosquito. Also known as the house mosquito, this species breeds in still water which is rich in organic content. The mosquito larvae must live in still water for five or more days to complete their growth cycle. Because of this mosquito's limited flight range, most house mosquitoes are grown locally. Removing sources of standing water around your home can reduce the number of mosquitoes. For example, hundreds of mosquitoes can come from a single discarded tire.

Here are some steps you can take:

- Get rid of old tires, cans, buckets, drums, bottles or any water holding containers.
- Fill in or drain low places in the yard.
- Keep drains, ditches and culverts free of weeds and trash so water will drain properly.
- Keep roof gutters free of leaves and other debris.
- Cover trash containers to keep out rainwater.
- Repair leaky pipes and outside faucets.
- Empty plastic wading pools at least once each week and store indoors when not in use.
- Unused swimming pools should be drained and kept dry during the mosquito season.
- Fill in tree rot holes and hollow stumps that hold water.
- Change the water in bird baths and plant pots or drip trays at least once each week.
- Store boats covered or upside down, or remove rainwater weekly.
- Keep grass cut short and shrubbery well trimmed around the house so adult mosquitoes will not hide there. Make sure ornamental ponds have fish that eat mosquito larvae.
- Repair window screens.

Source: Illinois Department of Public Health; [Mosquito Control and Prevention of West Nile Viral Encephalitis for Municipal Governments and Local Health Departments](#)

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Public Health
Prevent. Promote. Protect.

May 2008 Statistics

MATERNAL & CHILD HEALTH

WIC
 Active WIC Clients.....870
 WIC Services.....312
 Breast Feeding Women.....38
 Breast Feeding Peer Counseling.....48

Family Case Management
 Active Families.....363
 EPSDTs.....58
 Lead Screenings.....26
 Pregnancy Tests.....6
 ASQ:SEs.....83
 Edinburghs.....38
 Denvers.....98
 Immunizations.....233
 TB Screenings.....1
 Home Visits.....13
 APORS Visits.....3
 Healthwork Clients.....18

Healthy Families Illinois
 Families Served.....46
 Home Visits.....86
 Assessments.....7

Doula

Families Served11
 Home Visits.....27
 Doula Assisted Deliveries.....3
 Prenatal Fitness Classes.....1

TPS

Clients31
 Graduated High School.....6
 Clients Received GED.....0

Genetics

Screenings33
 Clinics.....0
 Patients Seen In Clinic.....0

PERSONAL HEALTH SERVICES

Clinics.....10
 Blood Pressures79
 Blood Sugars60
 Lab Tests.....9
 STD Urine Screenings Total0
 Lead Screenings.....2
 Lead Tests.....3
 New Lead Poisoning Cases.....1
 Environmental Home Nurse Visits.....0
 Clients Receiving Foot Care.....46
 Hearing Tested0
 Vision Tested0
 Jail Nursing Services8
 Adult Injections.....9
 Family Planning Clients.....2

IMMUNIZATION

Clinics.....4
 Vaccine Administered.....226
 Children's Immunizations205
 Pediatric Flu.....0
 Adult Immunizations.....21
 Zostavax.....0

TB

TB Tests2
 TB Screenings.....20

HEALTH EDUCATION & PROMOTION

Diabetes Participants.....324
 Medication Management Clients.....3
 New Break the Habit Smoking Cessation Clients7
 Tobacco Quitline Calls.....2
 CPR Class Participants.....0

Communicable Disease

New Cases2
 Cases Closed0

Sexually Transmitted Diseases

STD Cases Received & Reported.....0

Tuberculosis

TB Investigations0
 New Prophylactic Patients.....0
 New Active Cases.....0

HOME HEALTH

Number of Current Patients.....53
 Total Served75
 Total Number of Visits465

HOSPICE

Number of Patients13
 Number of Volunteers8
 Bereavement Mailings104

ENVIRONMENTAL HEALTH

Food Safety

Inspections.....17
 Re-Inspections0
 Spot Checks.....5
 Complaints1
 Certifications.....0
 Re-Certifications1
 Pre-Openings.....2

Tanning

Inspections.....3
 Re-Inspections0

Private Sewage

Plan Approvals5
 Installations6

Potable Water

Wells Permitted.....0
 Wells Constructed.....0
 Water Samples7
 Non-Community2

Complaints

Sewage Complaints1
 Nuisance Complaints0
 Resolved Complaints.....0
 Referred Complaints1

Wells Sealed

Wells Sealed1

Real Estate Surveys

Real Estate Surveys.....0

Sewage Compliance-Vandalia Lake

Sewage Compliance-Vandalia Lake.....1

West Nile Bird Submission

West Nile Bird Submission.....0

Subdivision Review

Subdivision Review.....0

Rabies Specimen Submission

Rabies Specimen Submission.....0

Clinics

By Appointment Only

Blood Sugar/Blood Pressure Screenings
 Monday, 8:30-9:30

Paternity Collection
 Mondays, 9:30-4:00

Lab Clinic/Cholesterol/Lead Screenings
 Tuesday Mornings,
 8:30-12

STD/Urine Screenings
 Tuesdays, 8:30-Noon

Immunization/TB Clinic
 Wednesdays, 10-5

FCM/WIC Services
 Monday-Friday, 8:00-4:30