

Jefferson County Department of Health and Environment (JCDHE)
West Nile Virus (WNV) and Zoonoses
Newsletter # 13
September 4, 2008

WNV NATIONAL

The September 2, 2008 update from CDC and USGS (for states other than Colorado) has posted 376 human cases of WNV: 3 from Alabama, 8 from Arizona (1 fatal), 7 from Arkansas, 127 from California (2 fatal), 1 from Connecticut, 8 from Idaho, 4 from Illinois, 1 from Indiana, 6 from Iowa, 7 from Kansas, 6 from Louisiana, 1 from Maryland, 2 from Michigan, 15 from Minnesota, 53 from Mississippi (1 fatal), 5 from Missouri, 2 from Montana, 2 from Nebraska, 7 from Nevada, 3 from New Mexico, 6 from New York, 23 from North Dakota, 2 from Ohio, 6 from Oklahoma, 4 from Oregon, 1 from Pennsylvania, 28 from South Dakota, 8 from Tennessee, 19 from Texas, 7 from Utah, 1 from West Virginia, 1 from Wisconsin, and 2 from Wyoming.

For updates visit their websites at

<http://www.cdc.gov/ncidod/dvbid/westnile/Mapsactivity/surv&control07Maps.htm>

http://diseasemaps.usgs.gov/wnv_us_human.html

WNV COLORADO

CDPHE is reporting 40 confirmed cases of human West Nile Virus (WNV) infections in Colorado for the 2008 season. WNV cases are being reported from Adams (1), Arapahoe (2), Boulder (7), Costilla (1), Denver (2), Gunnison (1), Jefferson (2), Larimer (7), Logan (1), Mesa (1), Morgan (1), Otero (2), Pueblo (2), Weld (9), and Yuma (1) counties. The majority of these cases have been characterized as uncomplicated fever (27); 3 meningitis cases (one each from Arapahoe, Larimer, and Weld counties), and 2 encephalitis case from Weld County. No deaths have been reported.

As of August 27th of this year, 3167 Culex mosquito pools have been submitted, along with 32 avian and 27 equine specimens. Only 43 mosquito pools have tested positive for WNV, from Bent (1), Boulder (1), El Paso (1), Jefferson (1), Larimer (19), Logan (1), Morgan (2), Otero (2), Prowers (3), Pueblo (1), and Weld (11) counties. Only 2 avian species have tested positive and none of the equine specimens submitted have yielded positive results.

For updates visit the CDPHE website at

<http://www.cdphe.state.co.us/dc/Zoonosis/wnv/index.html>

WNV JEFFERSON COUNTY

Mosquito Surveillance: Trapping yielded a total of 617 mosquitoes with 289 being Culex mosquitoes. Ottertail Environmental submitted 4 pools of Culex mosquitoes to the state lab for WNV testing during this past week. The highest numbers of Culex were caught at Arvada Blunn Reservoir in Arvada (127) using the sum of 2 trap nights and Fossil Trace Golf Course in Golden (82) using the sum of 2 trap nights and. At this date CDPHE has posted only one positive pool from mosquitoes submitted by JCDHE.

Mosquito Control: During the past week Ottertail Environmental, Inc. conducted 399 larval habitat site inspections. Out of these inspections, 66 sites were treated to control larvae

REMEMBER:

- **Always use repellent for ALL outdoor activities. Use DEET, Picaridin or Oil of Lemon Eucalyptus, (according to labeled instructions).**
- Wear long sleeves and pants when outdoors at **DAWN** and **DUSK**.
- **DRAIN** and **EMPTY** all containers in their yard because you can be bitten by WNV carrying mosquitoes in your own yards.
- Check your home to make sure all windows and doors have screens and are in good condition. This will reduce the chance of mosquitoes and bats gaining entry into your home.
- For additional information on repellents and how to protect you and your family around the home go to <http://health.jeffco.us> and go to the WNV page.

Mosquito Complaint Hotline:

Ottertail Environmental operates a toll free telephone line for citizen reports and concerns, that number is 1-888-774-2161 and locally the local number is 303 273-2878.

RABIES IN JEFFERSON COUNTY

JCDHE has tested a total of 35 animals for rabies so far in 2008 with 16 of those being bats. There have been three positive bats.

JCDHE reminds everyone not to handle bats and to not approach any seen during day light hours. Bats that are active during the day or any bat that is unable to fly should be considered possibly rabid and reported to the appropriate animal control agency.

Vaccination is the key to protecting pets from rabies and all cats, dogs, and ferrets should be current on their rabies immunizations. Pets should not be allowed to roam free.

For additional information on rabies go to the following web site.

http://www.co.jefferson.co.us/health/health_T111_R159.htm

For More Information on WNV and Zoonoses
http://www.jefferson.co.us/ext/dpt/health/home_ehs.htm, or
or contact dvolkel@jeffco.us or jdale@jeffco.us