

**Jefferson County Department of Health and Environment (JCDHE)**  
**West Nile Virus (WNV) and Zoonoses**  
**Newsletter # 11**  
**August 21, 2008**

**WNV NATIONAL**

The August 19, 2008 update from CDC and USGS (for states other than Colorado) has posted 216 human cases of WNV: 1 from Alabama, 5 from Arizona (1 fatal), 5 from Arkansas, 73 from California, 1 from Connecticut, 8 from Idaho, 1 from Iowa, 6 from Louisiana, 1 from Michigan, 10 from Minnesota, 33 from Mississippi (1 fatal), 3 from Missouri, 2 from Nebraska, 2 from Nevada, 2 from New York, 14 from North Dakota, 1 from Ohio, 5 from Oklahoma, 3 from Oregon, 1 from Pennsylvania, 14 from South Dakota, 6 from Tennessee, 14 from Texas, 2 from Utah, 1 from West Virginia, 1 from Wisconsin, and 1 from Wyoming.

For updates visit their websites at

<http://www.cdc.gov/ncidod/dybid/westnile/Mapsactivity/surv&control07Maps.htm>  
[http://diseasemaps.usgs.gov/wnv\\_us\\_human.html](http://diseasemaps.usgs.gov/wnv_us_human.html)

**WNV COLORADO**

The August 19, 2008 update from the Colorado Department of Public Health and Environment (CDPHE) shows the number of human WNV infections in Colorado at 22, with cases being reported from Adams (1), Boulder (5), Denver (1), Gunnison (1), Jefferson (1), Larimer (4), Logan (1), Mesa (1), Otero (2), Pueblo (1), and Weld (4) counties. 2008 is still on track to have the fewest number of human cases in the six years that WNV transmission has occurred in Colorado.

Indicators continue to point to a very low WNV transmission season. Culex mosquito populations continue to be much lower when compared to previous seasons and are starting the normal seasonal decline. The August 11, 2008 update from CDPHE shows 2213 mosquito pools have been tested statewide, with 20 positive mosquito pools from the counties of: Bent (1), Boulder (1), Jefferson (1), Larimer (7), Logan (1), Morgan (2), Prowers (3), and Weld (4). In comparison last season 4740 pools had been tested by August 10th with 309 positive. There have been no positive tests on any avian or equine specimens.

For updates visit the CDPHE website at

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

**WNV JEFFERSON COUNTY**

**Mosquito Surveillance:** The wet and cool weather keep mosquito numbers down this past week. Trapping yielded a total of 222 mosquitoes with 139 being Culex mosquitoes. Ottertail Environmental submitted 3 pools of Culex mosquitoes to the state lab for WNV testing during this past week. The highest numbers of Culex were caught at Blunn Reservoir in Arvada (52) using the sum of 2 trap nights.

**Mosquito Control:** During the past week Ottertail Environmental, Inc. conducted 307 larval habitat site inspections and control. Out of these inspections, 87 sites were treated to control larvae. At this date CDPHE has posted only one positive pool from mosquitoes submitted by JCDHE. Those mosquitoes were trapped during the week of 7/22/2008.

**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 29 animals for rabies so far in 2008 with 12 of those being bats. There have been two positive bats from the 12 bats tested. One each from 7/7/2008 and 8/12/2008. The press release and area postings released by JCDHE dealing with the positive rabies bat found Columbine Hills Park in Littleton on 8/12/2008 have not generated any more other possible leads or human contacts.

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](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](http://www.jefferson.co.us/ext/dpt/health/home_ehs.htm), or  
call 303 239 7075 or contact [dvolkel@jeffco.us](mailto:dvolkel@jeffco.us) or [jdale@jeffco.us](mailto:jdale@jeffco.us)