

**Jefferson County Department of Health and Environment (JCDHE)**  
**West Nile Virus/ZOONOSES Update #11-2006**  
**Date July 26, 2006**

**WNV GENERAL:**

With the continued hot weather the populations of Culex species mosquitoes (the key vectors of WNV and WEE) continue to increase around the state and nation.

**NATIONAL**

As of July 18, 2006, avian, animal or mosquito WNV infections have been reported to CDC ArboNET from the following states: Arizona, Arkansas, California, Connecticut, Florida, Idaho, Illinois, Indiana, Iowa, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, West Virginia, Wisconsin, and Wyoming.

Human cases have been reported from California, Idaho Iowa, Kansas, Mississippi, Missouri, Nebraska, South Dakota, and Texas. Additional information about national WNV activity is available from CDC at:  
<http://www.cdc.gov/ncidod/dvbid/westnile>

**COLORADO**

Colorado has seen a jump in the WNV positive specimens in the past week. As of July 24, 2006, eight mosquito pools, a bird, and a horse have tested positive, compared to a single mosquito pool (July 5) and bird (June 8) prior to that date. Positive specimens have been reported from Boulder, Delta, Eagle, Mesa, Prowers, and Weld counties.

As of July 24, 2006, the human case total is three with one in Weld County one in Logan County, and one in Delta County. For updates on WNV in Colorado, please visit CDPHE's Zoonosis website at  
<http://www.cdphe.state.co.us/dc/Zoonosis/Zoonosis.asp>

**JEFFERSON COUNTY**

**Mosquito Surveillance:** During the past week, our contractor conducted mosquito trapping at 17 locations in the county which yielded a total of 704 mosquitoes with 168 being Culex mosquitoes. The highest numbers of Culex were caught at Blunn Reservoir in Arvada (28) and Fossil Trace in Golden (58).

**Dead Bird Surveillance:** JCDHE will track reports of dead birds east of the foothills and will test any corvids (Jays, Magpies, and Crows) or raptors that die in the foothills that are picked up and submitted by Jefferson County Animal Control. We will closely monitor dead bird reports in conjunction with our sentinel mosquito program.

**Mosquito Control:** Our integrated mosquito control contractor, Ottertail Environmental, continues to identify, monitor, and inspect "mosquito breeding sites" throughout the county. From July 14 to July 20, 2006, 500 larval habitat site inspections were conducted. Out of these inspections, 82 sites were treated for Culex larvae and 16 sites were found breeding non-vector mosquitoes.

**Remember:** Always make the use of repellent part of all outdoor activities. Common sense should apply at all times. Use DEET or one of the two new EPA approved repellents, Picaridin or Oil of Lemon Eucalyptus, (according to labeled instructions). Wear long sleeves and pants when outdoors at dawn and dusk. Citizens can be bitten by WNV carrying mosquitoes in their own yards so remind everyone to drain and empty all containers in their yard.

**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 number is 303 858 8350.

**RABIES**

Jefferson County has had its 8<sup>th</sup> case of rabies in bats. JCDHE is seeking information on the man that delivered the bat to the veterinary clinic near Ken Caryl Avenue and Plate Canyon Road in the southern part of the county to determine if he or anyone else had an exposure that would require preventative treatment. JCDHE continues to strongly encourage citizens to avoid any interactions with sick or injured wild animals. Citizens should contact their local animal control agency to deal with any wild animals they encounter: Arvada Animal Management: 720-898-6850, Edgewater Animal Control 303-235-0500, Golden Animal Control at 303-384-8045, Jefferson County Animal Control at 303-271-5070, Lakewood Animal Control 303-987-7173, Westminster Animal Management 303-430-2400 X4326 or Wheat Ridge Animal Control at 303-237-2220.

For More Information on WNV and other Zoonoses:

Visit our web site for information and other resources on WNV at  
[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)