

**Jefferson County Department of Health and Environment (JCDHE)**  
**West Nile Virus (WNV) and Zoonoses**  
**Newsletter # 14**  
**September 12, 2007**

**WNV NATIONAL**

Outside of Colorado, CDC and USGS posted 1,323 human cases of WNV with 37 deaths: 13 from Alabama (3 deaths), 16 from Arizona, 6 from Arkansas (1 death), 198 from California (10 deaths), 4 from Connecticut, 3 from Florida (1 death), 16 from Georgia, 70 from Idaho, 19 from Illinois (1 death), 12 from Iowa, 21 from Kansas, 1 from Kentucky, 2 from Louisiana, 1 from Maryland, 1 from Massachusetts, 1 from Michigan, 70 from Minnesota, 44 from Mississippi (1 death), 18 from Missouri, 100 from Montana (3 Deaths), 70 from Nebraska (3 deaths), 3 from Nevada, 25 from New Mexico (1 death), 1 from New York, 184 from North Dakota (2 deaths), 3 from Ohio, 40 from Oklahoma (4 deaths), 11 from Oregon, 1 from Pennsylvania, 2 from South Carolina, 160 from South Dakota (4 deaths), 3 from Tennessee, 43 from Texas (2 deaths), 12 from Utah, 2 from Virginia, 4 from Wisconsin, 143 from Wyoming (1 death):

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](http://diseasemaps.usgs.gov/wnv_us_human.html)

**WNV COLORADO**

The CDPHE has reported a total of 329 human cases from: Adams (16), Arapahoe (10), Bent (2), Boulder (75 with 2 deaths), Broomfield (9), Cheyenne (2), Custer (1), Delta (1), Denver (10 with 2 deaths), Douglas (4), El Paso (3), Fremont (6), Garfield (2), Huerfano (1), Jefferson (17), La Plata (2), Larimer (55), Las Animas (1), Lincoln (1), Logan (8), Mesa (14), Montezuma (1), Montrose (2), Morgan (6), Otero (7), Prowers (4), Pueblo (6), Washington (2), Weld (59) and Yuma (2) counties: 269 with fever, 35 with Meningitis, 25 with Encephalitis and 4 deaths.

The total number of mosquito pools submitted thus far is 6722 and there has been 606 WNV positive pools from the counties of Adams (54), Alamosa (4), Arapahoe (13), Boulder (55), Broomfield (4), Delta (15), Denver (10), Douglas (2), El Paso (9), Fremont (5), Garfield (2), Jefferson (2), La Plata (1), Larimer (226), Las Animas (2), Logan (27), Mesa (14), Morgan (3), Otero (17), Prowers (14), Pueblo (33) and Weld (94).

To date the CDPHE laboratory has tested 119 dead birds with positive birds from Adams (2), Arapahoe (4), Boulder (2), Denver (2), Douglas (2), El Paso (9), Elbert (1), Larimer (8), Mesa (1), Moffat (1), Pueblo (2), Teller (1), and Weld (10) counties. For WNV updates from CDPHE visit their website at

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

**HUMAN CASES IN JEFFERSON COUNTY**

Colorado Electronic Disease Reporting System (CEDRS) is reporting 3 additional human cases of WNV in residents of Jefferson County bringing the total to 17. Note: Residence in Jefferson County does not mean acquired in Jefferson County. The location where a victim might have been bitten by a mosquito and acquired WNV is not necessarily the victim's residence.

**WNV JEFFERSON COUNTY**

**Mosquito Surveillance:** Ottertail Environmental submitted 82 mosquito pools for WNV testing during the season with two positive mosquito pools, one pool from the week of July 2 and one pool from the week of July 23, 2007.

**Mosquito Control:** Our integrated mosquito control contractor, Ottertail Environmental, identifies, monitors, and inspects "mosquito breeding sites" throughout the county and will continue this process through the month of September. During the past week Ottertail conducted 408 larval habitat site inspections. Out of these inspections, 74 sites were treated for Culex larvae and 4 sites were found breeding non-Culex mosquitoes. The wet and cooler weather has been decreasing mosquito activity but there is always the possibility of exposure until the first hard frost of the season so everyone should continue take precautions.

- **Use repellent for ALL outdoor activities. Use DEET or one of the two new EPA approved repellants, Picaridin or Oil of Lemon Eucalyptus, (according to labeled instructions).**
- Wear long sleeves and pants when outdoors at **Dawn** and **Dusk**.
- Citizens should **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 how to protect you and your family around home go to <http://health.jeffco.us> and go to the WNV page and click on prevention.

**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 62 animals for rabies with 29 of those being bats and all test results have been negative.

**For More Information** on WNV and other Zoonoses visit our web site at:

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