

**Jefferson County Department of Health and Environment (JCDHE)**  
**Date August 16, 2006**  
**West Nile Virus/ZOONOSES Update #14-2006**

**NATIONAL**

As of August 15, 2006, outside of Colorado, 365 human cases have been reported from the following states: Arizona (5), California (36), Connecticut (1), Georgia (1), Idaho (112), Illinois (2), Indiana (1), Iowa (4), Kansas (1), Michigan (1), Minnesota (19), Mississippi (29), Missouri (2), Nebraska (8), Nevada (27), New York (1), North Dakota (5), Oklahoma (4), Pennsylvania (4), South Dakota (27), Texas (55), Utah (13), and Wyoming (1). For CDC updates visit their website at [http://www.cdc.gov/ncidod/dvbid/westnile/surv&controlCaseCount06\\_detailed.htm](http://www.cdc.gov/ncidod/dvbid/westnile/surv&controlCaseCount06_detailed.htm).

**COLORADO**

As of August 14, 2006, the human case total is 29 with cases in Bent (2), Boulder (2), Delta (3), Elbert (1), El Paso (1), Larimer (3), Logan (1), Mesa (10), Morgan (1), Otero (1) and Weld (4) counties. The number of reported human WNV cases is lower in comparison to last year at this time. For updates on WNV in Colorado, please visit CDPHE's Zoonosis website at <http://www.cdphe.state.co.us/dc/Zoonosis/Zoonosis.asp>

As of August 14, 2006, 2887 mosquito pools have submitted for testing and there have been 90 that tested positive for WNV: Adams (4), Arapahoe (2), Boulder (34), Crowley (2), Delta (6), Jefferson (1), Larimer (9), Mesa (8), Prowers (11), Pueblo (4), and Weld (9). The number of positive mosquito pools is running slightly higher than at this time during the 2005 season, but still lower than either the 2003 or 2004 seasons. As of August 14, 2006, 220 mosquito pool samples tested for St Louis Encephalitis (SLE) and Western Equine Encephalitis (WEE) have all been negative. **Additional WNV positive mosquito pools are being reported each day including one this morning for Jefferson County.**

**JEFFERSON COUNTY**

Mosquito Surveillance: **These past three days, we have had our first reported positive mosquito pools for WNV - one from a trap in Sanctuary Park, Lakewood and the other from our sentinel site near Crown Hill Lake at 26<sup>th</sup> and Garrison in the Wheat Ridge/Lakewood area. The next 2-4 weeks will probably be our highest risk period for potential transmission of WNV to humans in Jefferson County.** During the past week, our contractor conducted mosquito trapping at 17 locations in the county which yielded a total of 509 mosquitoes with 100 being Culex mosquitoes. The total to date is 6158 mosquitoes with 2098 being Culex. Ottertail Environmental submitted 4 pools of Culex mosquitoes to the state lab for WNV testing during this past week bringing the total number submitted to 60. The highest numbers of Culex were caught at: Arvada Blunn Reservoir, Arvada (16) and Sanctuary Park, Lakewood (10).

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 28 to August 3, 2006, 613 larval habitat site inspections were conducted. Out of these inspections, 127 sites were treated for Culex larvae and 11 sites were found breeding non-vector mosquitoes. The total number of larval site inspections for the year is 5260 with 793 sites treated for Culex mosquitoes and 182 inspections showing non-vector mosquitoes.

**REMEMBER:**

- **Always use repellent for all outdoor activities. 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.
- Drain and empty all containers in their yard because citizens can be bitten by WNV carrying mosquitoes in their own yards
- Check your home to make sure all windows have screens and are in good condition. This will reduce the chance of mosquitoes and bats gaining entry into your home.

**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 303 858 8350.

**Rabies:**

As of August 16, 2006, we have had 15 positive specimens for rabies – all bats. JCDHE has submitted 53 bats, 11 cats, 10 dogs, 7 skunks and 3 raccoons, for rabies testing as of August 16, 2006.

**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)