

**Jefferson County Department of Health and Environment (JCDHE)  
Season Ending Newsletter  
October 4, 2007**

This is our final Zoonoses/WNV report of 2007. Weekly updates have been provided to give summaries of the Jefferson County WNV Integrated Mosquito Management Program, rabies, and plague. Jefferson County Department of Health and Environment (JCDHE) and the Colorado Department of Public Health and Environment (CDPHE) have discontinued all animal and mosquito surveillance efforts dealing with WNV until next spring. At that time JCDHE and our partners will again provide educational and informational outreach to the county residents dealing with WNV.

JCDHE would like to thank all of our colleagues that were involved with this season's WNV and their continued efforts dealing with other zoonotic diseases:

- All of the Animal Control agencies in the county and their response to all possible zoonoses from plague and rabies to WNV. Their efforts are the foundation of the zoonoses program.
- Veterinarians that kept the state and counties abreast of horse WNV cases and are always on the lookout for possible plague in animals they are treating.
- The many public servants at the local municipalities and the county who worked diligently to inform residents, answer questions, and ensure that our Intergovernmental Agreements worked.
- Our mosquito control contractor Ottertail Environmental, Inc. for professionally carrying out their contracted duties of integrated mosquito control management and providing weekly summaries and updates to keep everyone informed.
- The entire JCDHE team, our friends, partners and colleagues who did a great job of addressing and implementing the many complex aspects of the WNV control effort.

**Preliminary final WNV statistics for Jefferson County as of 10/3/07:**

- Positive tests:
  - Twenty-eight human cases and no deaths
  - No birds tested positive that were submitted from Jefferson County
  - Two mosquito pools from Jefferson County

**History of WNV Human cases (cases/deaths)**

	2002	2003	2004	2005	2006	2007 (10/04/07)
USA	4156/284	9862/264	2539/100	3000/119	4269/177	2511/64
Colo.	14/0	2947/63	291/4	106/2	344/7	492/5
Jeffco	2/0	157/3	8/0	6/0	8/1	28/0

For continued Colorado state-wide year-to-date WNV test results, please visit website:  
<http://www.cdphe.state.co.us/dc/zoonosis/wnv/wnvhom.html>

**Rabies Jefferson County:**

As of Oct 3, 2007, we have one positive specimen for rabies – a bat. To date JCDHE has submitted 33 bats, 17 cats, 11 dogs, 2 skunks, and 5 raccoons for rabies testing. Bats are the only mammal that has ever tested positive for rabies in Jefferson County.

**History of Bat Rabies in Jefferson County and Colorado**  
**Bat specimens submitted/Positive for rabies**

	2002	2003	2004	2005	2006	2007 (10/04/07)
Jeffco	24/4	13/1	17/2	26/3	78/17	33/1
Colo.	346/58	225/42	350/47	301/42	476/70	286/37

Year of last positive specimen for other species:

Dog (2003) Morgan County, Cat (1985) Grand County, Fox (2005) Otero County,  
Raccoon (1963) Boulder County, Skunk (2007) Washington and Prowers County,  
Cow (2005) Logan County, Coyote (2007) Prowers County

**Sources of information for the summary report came from:**

1. **Jefferson County WNV Surveillance and Control Program**
2. **CDPHE West Nile Virus information:**  
<http://www.cdphe.state.co.us/dc/Zoonosis/wnv/index.html>
3. **Centers for Disease Control and United States Geological Survey**  
<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)

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