



CLINICIAN UPDATE, September 16, 2005

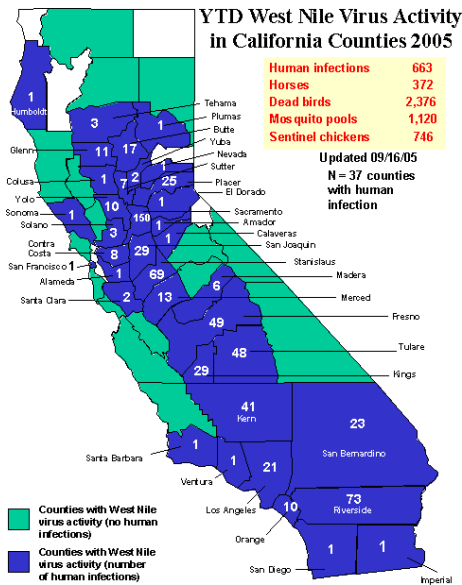
# THE WEST NILE FILE



Orange County Health Care Agency, Epidemiology & Assessment, 1719 W. 17th St. Santa Ana, CA 92706, (714) 834-8180

**Last year, peak WNV activity occurred in August and September.** This year, we have had relatively few cases of WNV infection reported to us and the majority of cases (70%) have been West Nile Neuroinvasive Disease (WNND). Please consider WNV infection in your patients with prolonged fever, as well as ALL patients with aseptic meningitis, encephalitis, acute flaccid paralysis, and send serology (IgM, IgG) for WNV.

- **Treatment:** Three clinical trials are available for treatment of adults with WNND, even before laboratory confirmation is obtained. For more information and contact persons for each trial, please see [www.ochealthinfo.com/epi/wnv/WNVtrials.pdf](http://www.ochealthinfo.com/epi/wnv/WNVtrials.pdf).
- **Prevention:** Continue to encourage personal prevention messages for avoiding mosquito bites:
  - Drain standing water on your property as this is where mosquitoes breed
  - Make sure doors and screens are in good condition to keep mosquitoes out
  - When outdoors, use an insect repellent containing DEET, picaridin, or oil of lemon eucalyptus. Always follow directions on package.



### Recommended Resources

OC Public Health: [www.ochealthinfo.com/epi/wnv](http://www.ochealthinfo.com/epi/wnv)  
 OC Vector Control: [www.ocvcd.org](http://www.ocvcd.org) or 714-971-2421  
 California: [www.westnile.ca.gov](http://www.westnile.ca.gov) or 1-877-WNV-BIRD  
 USA: [www.cdc.gov/ncidod/dvbid/westnile](http://www.cdc.gov/ncidod/dvbid/westnile)

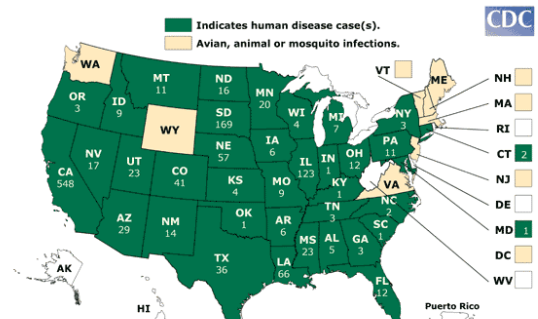
### West Nile Virus — Orange County 2005

- There have been 10 WNV infections reported in Orange County (2 WNF, 7 WNND, and 1 asymptomatic blood donor).
- To report dead birds, contact Orange County Vector Control at 714-971-2421 X117.
- **Report all WNV infections [WNF, WNND, and asymptomatic blood donors] to OC Epidemiology by phone 714-834-8180 or fax 714-834-8196 within one working day.** Aseptic meningitis and encephalitis of any etiology are also reportable diseases and should be reported within the same timeframe.

### West Nile Virus — California and US 2005

- As of September 13, 2005, 663 human WNV infections have been reported in California. Of the 608 symptomatic cases, 199 (33%) had WNND, 353 (58%) had WNF, and 56 (9%) were unspecified. The median age for all symptomatic cases where data is available is 50 years (range, 2-93 years). Fifty-six percent of the cases are male.
- There have been 13 WNV-related fatalities this year in California (median age: 84 years).
- 1,299 human WNV cases from 37 states had been reported to the CDC as of September 13, 2005.

### 2005 West Nile Virus Activity in the US (Reported to CDC as of September 13, 2005)



If you have any comments about the flyer, contact Michele Cheung, MD, or Sandra Nutter at (714) 834-8180. To receive this newsletter by email, please contact us at [epi@ochca.com](mailto:epi@ochca.com).