

September 4, 2015

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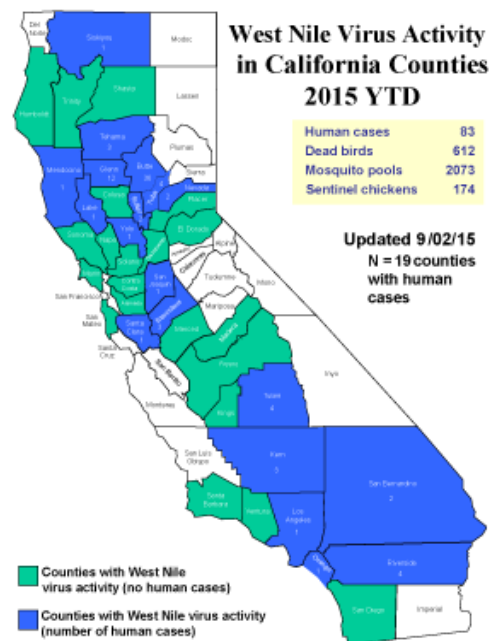
## **West Nile Virus (WNV) Activity is Increasing in Orange County**

West Nile Virus season usually runs from April to November, with peak activity occurring in August and September. Health care providers should consider WNV infection in patients with compatible symptoms.

**WNV- California & U.S.:** As of September 2, California has a total of 83 human WNV cases, including 2 WNV-related fatalities. 26 of these cases were reported in the previous week. This compares to 125 WNV cases statewide at this time last year. 415 cases from 38 states and the District of Columbia, including 10 fatalities, have been reported nationally so far this season (as of Sept.1).

### **WNV – Orange County:**

- **Human Cases:** Five human symptomatic cases (1 West Nile Fever and 4 West Nile Neuroinvasive Disease cases), and one asymptomatic blood donor have been reported from six cities in Orange County so far this year. All West Nile Neuroinvasive Disease cases are over 50 years of age and most have underlying medical conditions; both of these groups are at higher risk for severe disease.
- **Based on mosquito surveillance conducted by Orange County Mosquito and Vector Control District (OCMVCD), the risk level of WNV transmission to humans is currently high in several areas of the County.** In response, OCMVCD is implementing adult mosquito control measures, including aerial spraying of mosquito control product in high-risk areas. The aerial application will occur in the cities of Orange, Tustin, Villa Park, and portions of Anaheim, Fountain Valley, and Garden Grove, Santa Ana and Stanton between 10 p.m. and 4 a.m. on Wednesday, September 9, and Thursday, September 10 (weather permitting).



- **For an interactive map of aerial spraying locations and schedule,** visit OCMVCD's webpage at: <http://www.ocvcd.org/>
- **What you should know about mosquito control and pesticides:** [http://www.westnile.ca.gov/wnv\\_faqs\\_basics.php?id=25](http://www.westnile.ca.gov/wnv_faqs_basics.php?id=25)

### **Testing for WNV:**

- **Testing should be performed** for patients with prolonged fever, or those with neurologic symptoms including encephalitis, aseptic meningitis, acute flaccid paralysis, atypical Guillain-Barré syndrome, or transverse myelitis.
- **Testing should include** serum WNV IgM and IgG, with CSF IgM for cases of neuroinvasive disease.
- **Educate your patients, staff, and family about WNV prevention!**
  - Eliminate standing water on your property as this is where mosquitoes breed;
  - Make sure that door and window screens are installed and in good condition;
  - When outdoors, use an insect repellent with DEET, picaridin or oil of lemon eucalyptus;
  - Avoid being outdoors during dusk and dawn and wear long pants and long sleeves when outdoors.
  - **For additional educational resources, visit:** <http://www.westnile.ca.gov/resources.php>