

West Nile Virus in Stanislaus County 2009 – 2018

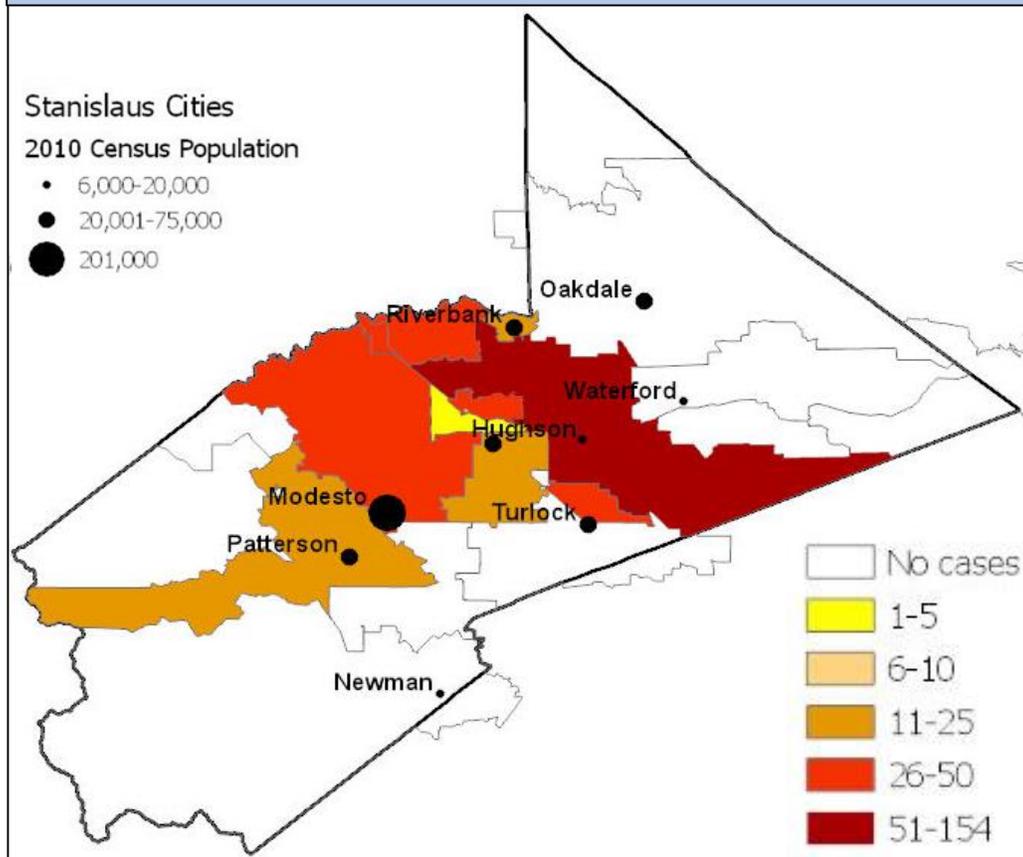
OVERVIEW

- From 2009-2018, Stanislaus County reported 225 West Nile virus (WNV) infections.
- The average age was 52.5 years, ranging from 1-90 years; 53% were male and 47% female.
- The highest rate was seen in the rural east side of the county.

WEST NILE NEUROINVASIVE DISEASE

- 80% of people with WNV infection do not have any symptoms. The most common symptoms are fever, headache, and body aches. Less than 1% have infection in the central nervous system. Due to the severity of the neurologic symptoms, most diagnoses are in people with neuroinvasive WNV disease.
- In Stanislaus County from 2009-2018, 56% (125/225) of people reported neurologic symptoms consistent with neuroinvasive disease.

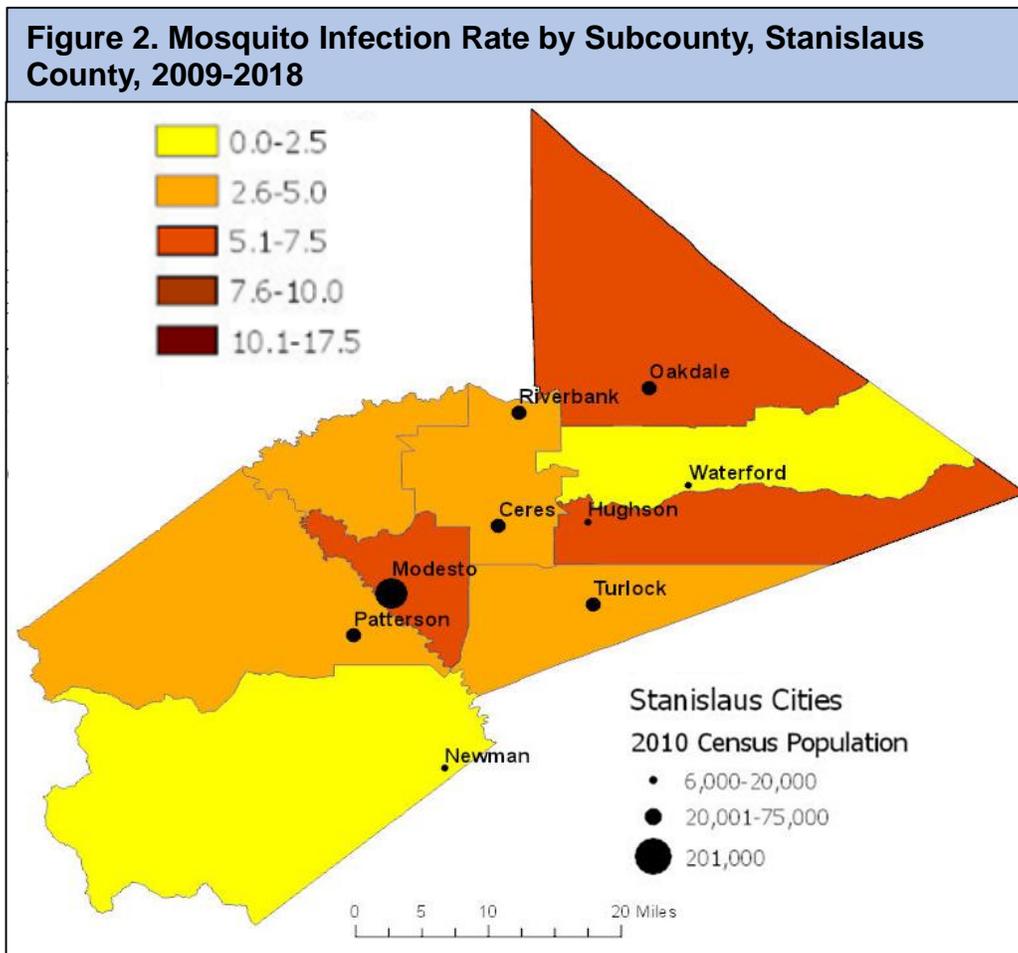
Figure 1. Cumulative Human West Nile Virus Incidence per 100,000 persons by ZIP Code, Stanislaus County, 2009-2018



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PREVENTION

- No vaccine or specific antiviral treatments for West Nile virus infection are available.
- Protect yourself and your family from mosquito bites
 - Use insect repellent as directed
 - Wear long pants and long sleeved shirts
 - Take steps to control mosquitoes indoors and outdoors
- For more information visit
 - California Department of Public Health: <http://bit.ly/MosquitoRepellentCDPH>
 - Centers for Disease Control and Prevention: <https://www.cdc.gov/westnile/>



Maps courtesy of CDPH Vector-Borne Disease Section