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- West Nile Virus Update in the U.S., Washoe County and Nevada

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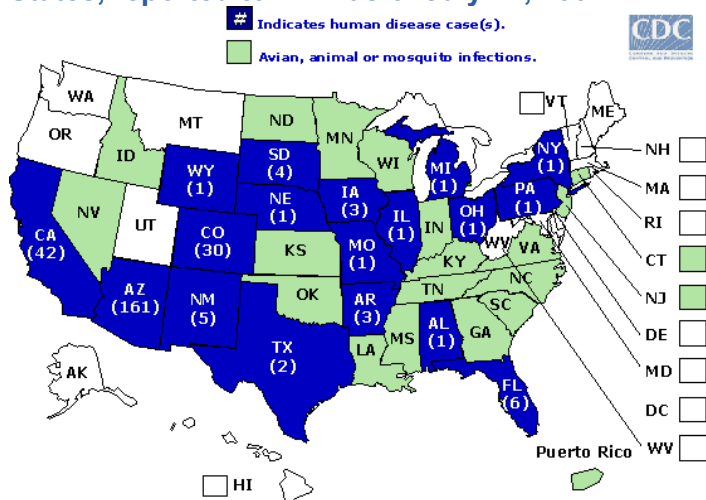
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West Nile Virus in the U.S.

The Centers for Disease Control and Prevention (CDC) report that as of July 27, 2004, a total of 265 cases of human West Nile virus illness have been reported through ArboNET from 18 states. Of these, 161 (61%) cases were reported from Arizona. A total of 143 (56%) of the 265 cases occurred in males; the median age of patients was 50 years (range: 1-85 years). Illness onset ranged from April 23 to July 23; six cases were fatal.

A total of 28 presumptive West Nile viremic blood donors (PVDs) have been reported in 2004 to ArboNET. Of these, 26 (93%) were reported from Arizona, and one each from Iowa and New Mexico. Of the 28 PVDs, two persons aged 66 and 69 years subsequently had neuroinvasive illness, and five persons (median age: 52 years [range: 22--63 years]) subsequently had West Nile fever.

2004 West Nile Virus Activity in the United States, reported to CDC as of July 27, 2004



In addition, during 2004, a total of 1,513 dead corvids and 162 other dead birds with WNV infection have been reported from 32 states. WNV infections in horses have been reported from 16 states (Alabama, Arizona, California, Florida, Idaho, Kentucky, Mississippi, Missouri, **Nevada**, North Carolina, Oklahoma, South Dakota, Tennessee, Texas, Virginia, and Wyoming) and in a dog from New Mexico. WNV seroconversions have been reported in 209 sentinel chicken flocks from four states (Arizona, California, Florida, and Louisiana) and in a wild hatchling bird from Ohio. Three

seropositive sentinel horses were reported from Puerto Rico. A total of 1,030 WNV-positive mosquito pools have been reported from 18 states (Arizona, Arkansas, California, Georgia, Illinois, Indiana, Louisiana, Michigan, Missouri, **Nevada**, New Jersey, New Mexico, Ohio, Pennsylvania, South Dakota, Tennessee, Texas, and Virginia). Additional information about national WNV activity is available from CDC at <http://www.cdc.gov/ncidod/dvbid/westnile/index.htm> and at <http://westnilemaps.usgs.gov>.

West Nile Virus in Washoe County

Although not yet included in CDC's statistics, one laboratory-confirmed human case of WNV infection has been reported in Washoe County. The case is a Washoe County resident under 50 years of age. Symptom onset occurred 07/04/04. The case had been in Washoe, Los Angeles, and Napa counties in the two weeks prior to symptom onset.

As of July 30, 2004, nine dead birds collected in Washoe County have tested positive for WNV. No mosquito pools, sentinel chickens, or horses have tested positive for WNV in Washoe County as of July 30, 2004.

For up-to-date information on WNV surveillance in Washoe County, or to access information about testing for WNV, please visit our website at: <http://www.co.washoe.nv.us/health/> or call the Communicable Disease Program at 328-2447.

West Nile Virus in Nevada

One laboratory-confirmed human case of WNV has been reported in Clark County. One probable WNV human case has been reported from a rural Nevada county. For more information on WNV human surveillance in Nevada, visit the Nevada State Health Division's website at: <http://health2k.state.nv.us/special/wnv/index.htm>

WNV has been confirmed in dead birds, mosquito pools, sentinel chickens and horses in Nevada. For more information on WNV animal surveillance in Nevada, visit the Nevada Department of Agriculture's website at: http://www.agri.state.nv.us/animal_west_nile_virus_new.htm.

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