



West Nile Virus and Other Arboviral Diseases: 2016

Los Angeles County Epidemiology Report #17

December 1, 2016



This week, 3 new WNV infections were documented: 3 clinical cases with latest symptom onset on October 27. To date, 149 infections have been reported: 139 clinical cases and 10 asymptomatic infections (Table 1). No new WNV-positive environmental indicators have been detected this week. Nationally, 1,634 human WNV cases have been reported in 45 states. See www.westnile.ca.gov and www.cdc.gov/ncidod/dvbid/westnile for details.

Since November 2015, LAC DPH has identified 84 cases of Zika virus infection. All Los Angeles County cases acquired their infection while traveling outside the US (Table 3). For more information on Zika visit www.publichealth.lacounty.gov/acd/VectorZika.htm.

Table 1. Characteristics of West Nile Virus Infections: Los Angeles County, 2016

Number of Infections ¹	Asymptomatic Donor	Clinical Presentation				Hospitalized	Deaths	Demographics	
		WNV Fever	Neuroinvasive Disease	Neuroinvasive Diagnosis	Gender M/F			Median Age (Range)	
This Week	3	1	2	0 = Encephalitis 0 = Meningitis 0 = AFP ² 2 = Other ³	2	0	1/2	59 (56-65)	
Year Total	149	33	106	52 = Encephalitis 48 = Meningitis 4 = AFP ² 2 = Other ³	128	5	97/52	63.0 (17-92)	

¹WNV infections count by LAC DPH as of 12/1/16, 5pm. Excludes reports from Long Beach and Pasadena. Totals are provisional and subject to change.

²Acute Flaccid Paralysis.

³West Nile Myelitis or Peripheral Neurologic Dysfunction.

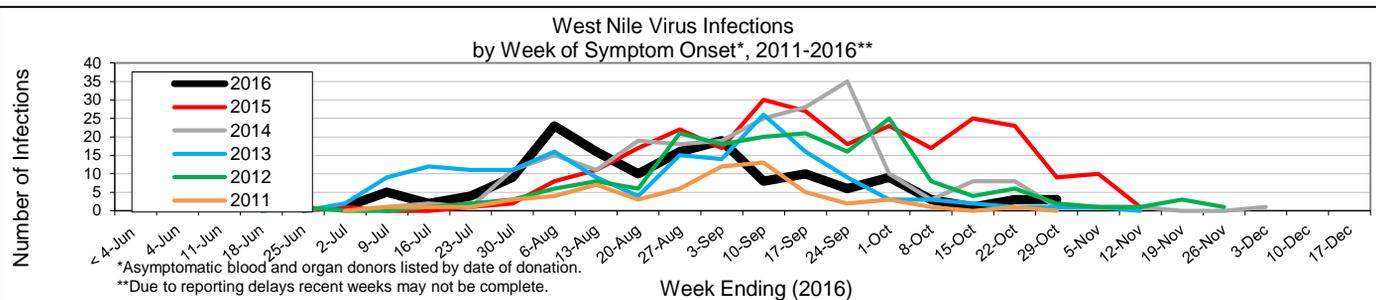


Table 2. Cumulative WNV Infections by City¹ of Residence: LAC, 2016²

City	Year Total
Los Angeles	17
Van Nuys	10
Woodland Hills	8
Glendale	8
Northridge	6
North Hollywood	6
Encino	5
North Hills	4
Panorama City	4
Sherman Oaks	4
Sun Valley	4
Canoga Park	4
Granada Hills	3
Winnetka	3

- For cities with greater than 2 cases.
- WNV infections count by LAC DPH as of 12/01/16, 5pm. Excludes Long Beach and Pasadena. Totals are provisional and subject to change.

Cities with WNV Infections This Week

The 3 new human infections reported this week reside in Bellflower and Van Nuys.

Local Zika Case Detected In Texas

Texas Department of State Health Services (TX DSHS) has [announced the first case of Zika virus disease](#) likely transmitted by a mosquito in TX. TX DSHS and the Centers for Disease Control and Prevention (CDC) are conducting surveillance activities as part of the ongoing Zika response. No other cases of local transmission have been identified in TX or in other locations within the continental US. No travel warnings have been issued for the area. Travel between southern TX and Mexico, where local Zika transmission has been documented, occurs frequently. Pregnant women [should avoid traveling to Mexico](#) and should avoid sexual contact or use condoms with partners who have traveled there.

Table 3. Zika Infections by Country/Region of Exposure: LAC, 2015-2016

Country	n (%)
Guatemala	14 (16.7)
Mexico	16 (19.0)
Nicaragua	15 (17.9)
El Salvador	8 (9.5)
Honduras	8 (9.5)
Dominican Republic	7 (8.3)
Puerto Rico*	4 (4.8)
Jamaica	3 (3.6)
Costa Rica	3 (3.6)
Bahamas	1 (1.2)
Brazil	1 (1.2)
Fiji	1 (1.2)
St. Maarten (Dutch part)	1 (1.2)
US Virgin Islands*	1 (1.2)
TOTAL	84

* US Territories