

West Nile Virus and Other Arboviral Diseases

Los Angeles County Epidemiology Report #14

December 1, 2023



- In 2023 to date, the Los Angeles County Department of Public Health (LAC DPH) has documented 69 West Nile virus (WNV) human cases. Of these, 61 were symptomatic infections and 3 were fatal (Table 1), with the most recent onset occurring on 11/03/2023. Cases primarily reside in the San Gabriel Valley, San Fernando Valley, and the central and southeastern regions of LAC.
- The number of cases for the 2023 season is higher than the previous 5-year average through the same time period. The number of reported cases have declined but additional cases are expected through the end of the year (Figure 1). [Mosquito pools](#) continue to test positive in LAC. The California Department of Public Health has [reported](#) 324 symptomatic human cases in the state. Nationally, 2,284 symptomatic human cases have been [reported to the CDC](#).
- No new cases of St. Louis Encephalitis Virus (SLEV) have been reported in LAC. There are 13 human cases of SLEV reported in [California](#), including one case confirmed by the city of [Long Beach Dept. of Health](#). There are currently no additional human cases or positive detections in the environment in LAC.
- This will be the last Epidemiology Report for the 2023 WNV Season. A summary annual report will be published early next year. Past reports and data are available on our [WNV Data webpage](#).

Table 1. Characteristics of WNV Cases, LAC, 2023

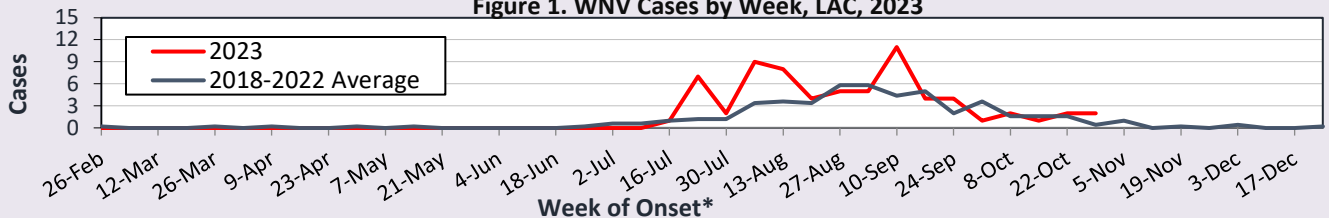
Number of Cases ¹		Asymptomatic ²	Clinical Presentation			Hospitalized	Deaths	Demographics	
			WNV Fever	Neuroinvasive Disease	Neuroinvasive Diagnosis			Gender M/F	Median Age (Range)
Since Last Report	2	0	1	1	1 = Encephalitis 0 = Meningitis 0 = AFP ³	2	0	0/2	65-66 (65.5)
2023 Total	69	8	4	57	36 = Encephalitis 19 = Meningitis 2 = AFP ³	60	3	41/28	61 (20-93)

¹Count confirmed by LAC DPH as of 11/29/2023. Excludes reports from Long Beach and Pasadena.

²Asymptomatic cases identified in blood or organ donors or others as part of screening protocols.

³Acute Flaccid Paralysis

Figure 1. WNV Cases by Week, LAC, 2023



*Asymptomatic cases listed by date of specimen

Table 2. Cities and Unincorporated Areas of Residence with Reported WNV Infections LAC, 2023*

Altadena	Glendora	Rowland Heights
Agua Dulce	La Verne	San Fernando
Bellflower	Lancaster	Santa Clarita
Burbank	Los Angeles	Signal Hill
Claremont	Maywood	Torrance
Covina	Norwalk	West Covina
Diamond Bar	Palmdale	West Hollywood
Downey	Rosemead	Whittier

*Excluding Long Beach and Pasadena

For Additional Information



Visit www.socalmosquito.org or call 2-1-1 to report problems to your local mosquito control district



To receive weekly reports email:
ACDC2@ph.lacounty.gov
Acute Communicable Disease Control (213) 240-7941
www.publichealth.lacounty.gov/vacd/VectorWestNile.htm

Follow us on social media!



www.facebook.com/lapublichealth



www.twitter.com/lapublichealth



www.youtube.com/lapublichealth



[@lapublichealth](https://www.instagram.com/lapublichealth)