

West Nile Virus and Other Arboviral Diseases

Los Angeles County Epidemiology Report #4

December 9, 2021



- In 2021 to date, the Los Angeles County Department of Public Health (LAC DPH) has documented 17 West Nile virus (WNV) human cases (Table 1). Of those, 14 were symptomatic with the latest onset occurring 10/10/21, and 1 was fatal. The fatality occurred in a patient over 50 years old with underlying conditions. The WNV cases investigated to date reside in widespread areas of the county (Table 2).
- Although additional human cases may be identified through the end of the year, [environmental surveillance](#) suggests that WNV circulation in LAC has declined with colder weather.
- To date in 2021, the California Department of Public Health has [reported](#) 112 symptomatic human cases in the state. Nationally, 2,550 symptomatic human cases have been [reported](#) to the Centers for Disease Control and Prevention.
- This will be the last monthly report for the season. The final 2021 epidemiology report will be issued in early 2022.

Table 1. Characteristics of WNV Cases, LAC, 2021

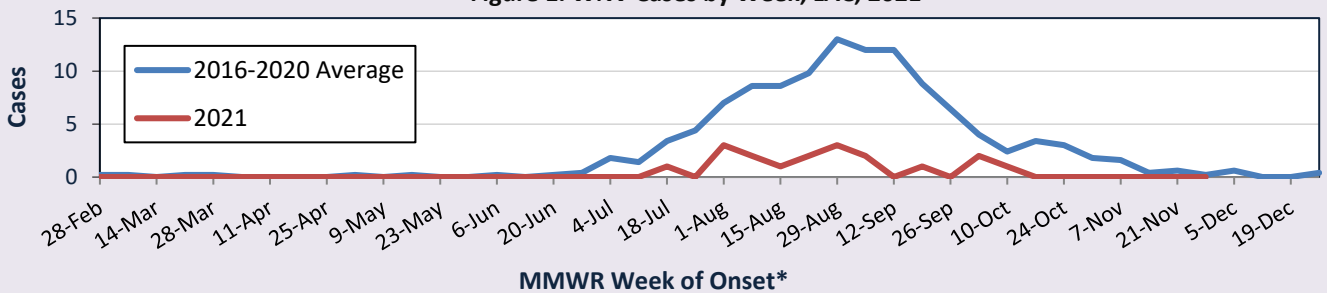
Number of Cases ¹		Asymptomatic Donor ²	Clinical Presentation			Hospitalized	Deaths	Demographics	
			WNV Fever	Neuroinvasive Disease	Neuroinvasive Diagnosis			Gender M/F	Median Age (Range)
Since Last Report	6	0	1	5	3 = Encephalitis 2 = Meningitis 0 = AFP ³	5	0	2/4	66 (34-83)
2021 Total	17	3	4	10	6 = Encephalitis 4 = Meningitis 0 = AFP ³	12	1	11/6	62 (24-85)

¹Count confirmed by LAC DPH as of 12/09/21. Excludes reports from Long Beach and Pasadena.

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

³Acute Flaccid Paralysis

Figure 1. WNV Cases by Week, LAC, 2021



*Asymptomatic blood and organ donors listed by date of donation.

Table 2. Cities and Unincorporated Areas of Residence with Reported WNV Infections LAC, 2021*

Cerritos
Covina
Glendora
Inglewood
Lakewood
Norwalk
Palmdale
West Hollywood

*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/acd/VectorWestNile.htm

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