

# West Nile Virus and Other Arboviral Diseases

Los Angeles County Epidemiology Final Report 2021  
February 4, 2022



In 2021, 17 West Nile virus (WNV) cases (Table 1) were documented by the Los Angeles County Department of Public Health (LAC DPH). The weekly number of WNV cases fell below the previous 5-year average for much of the year (Figure 1). The last onset in 2021 occurred on 10/10/2021. The San Gabriel Valley region contributed the most cases (41%). LAC accounted for 14% of the state WNV burden and 1% of the national burden of clinical cases ([California](#) = 124, [USA](#) = 2695). For information about past WNV seasons in LAC visit the [ACDC WNV webpage](#).

**Table 1. Characteristics of WNV Cases, LAC, 2020-2021**

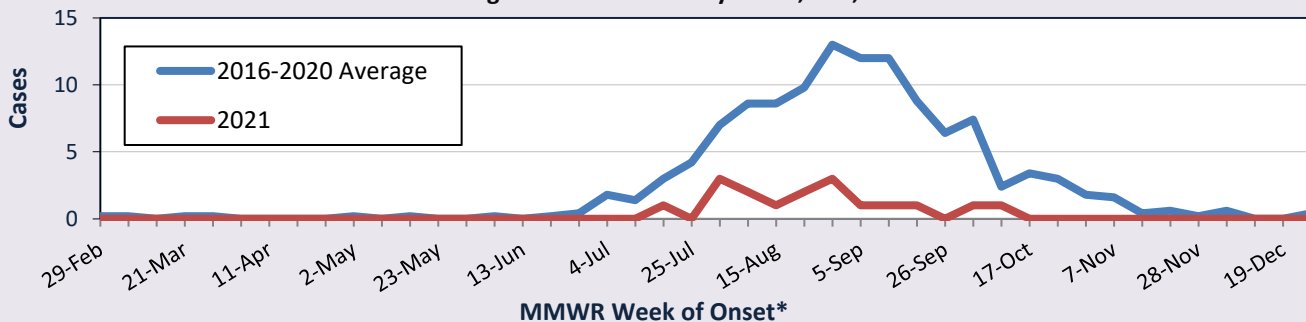
Number of Cases <sup>1</sup>	Asymptomatic Donor <sup>2</sup>	Clinical Presentation			Hospitalized	Deaths	Demographics	
		WNV Fever	Neuroinvasive Disease	Neuroinvasive Diagnosis			Gender M/F	Median Age (Range)
2021	17	3	10	6 = Encephalitis 4 = Meningitis 0 = AFP <sup>3</sup>	12	1	11/6	62 (24-85)
2020	93	7	71	50 = Encephalitis 16 = Meningitis 5 = AFP <sup>3</sup>	79	7	62/31	62 (17-90)

<sup>1</sup>Count confirmed by LAC DPH as of 02/04/2022. Excludes reports from Long Beach and Pasadena.

<sup>2</sup>Asymptomatic cases identified in blood or organ donors as part of routine screening.

<sup>3</sup>Acute 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\***

Arcadia	Lakewood
Azusa	Los Angeles
Cerritos	Norwalk
Commerce	Palmdale
Covina	Santa Clarita
Glendora	West Hollywood
Inglewood	

\*Excluding Long Beach and Pasadena

**For Additional Information**



Visit [www.socalmosquito.org](http://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](mailto:ACDC2@ph.lacounty.gov)  
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This is the last report for the season. For more information and to see archived reports please visit: [www.publichealth.lacounty.gov/acd/VectorWestNile.htm](http://www.publichealth.lacounty.gov/acd/VectorWestNile.htm)