

West Nile Virus and Other Arboviral Diseases



Los Angeles County Epidemiology Final Report 2020

February 26, 2021

In 2020, 93 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 2020 occurred 12/21/2020. The San Fernando Valley region continued to contribute the most cases (46%). LAC accounted for 41% of the state WNV burden and 17% of the national burden of clinical cases (California = 229, USA = 557). For information about past WNV seasons in LAC visit the [ACDC WNV webpage](#).

Table 1. Characteristics of WNV Cases, LAC, 2019-2020

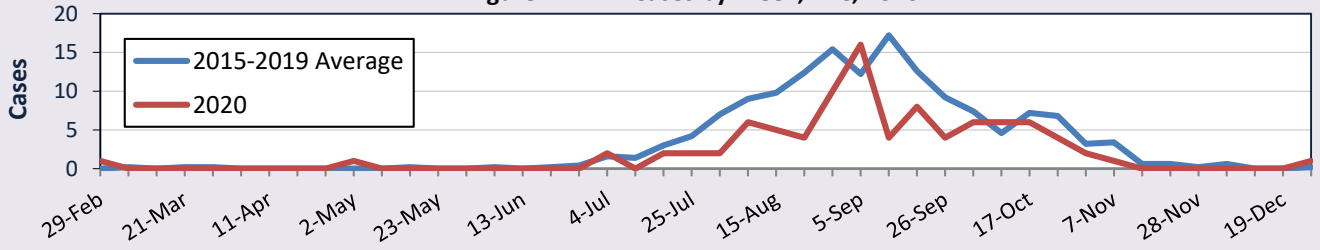
Number of Cases ¹	Asymptomatic Donor ²	Clinical Presentation			Hospitalized	Deaths	Demographics		
		WNV Fever	Neuroinvasive Disease	Neuroinvasive Diagnosis			Gender M/F	Median Age (Range)	
2020	93	7	15	71	50 = Encephalitis 16 = Meningitis 5 = AFP ³	79	7	62/31	62 (17-90)
2019	29	0	5	24	16 = Encephalitis 8 = Meningitis 0 = AFP ³	24	3	16/13	61 (28-86)

¹Count confirmed by LAC DPH as of 02/23/2021. 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, 2020



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

Table 2. Cities and Unincorporated Areas of Residence with Reported WNV Infections LAC, 2020*

Burbank	Palmdale
Carson	Pico Rivera
Cerritos	Quartz Hill
Compton	Rosemead
Huntington Park	Rowland Heights
Inglewood	Santa Clarita
Lakewood	South Gate
Lancaster	Torrance
Los Angeles	West Hollywood
Lynwood	Whittier
Maywood	

*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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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