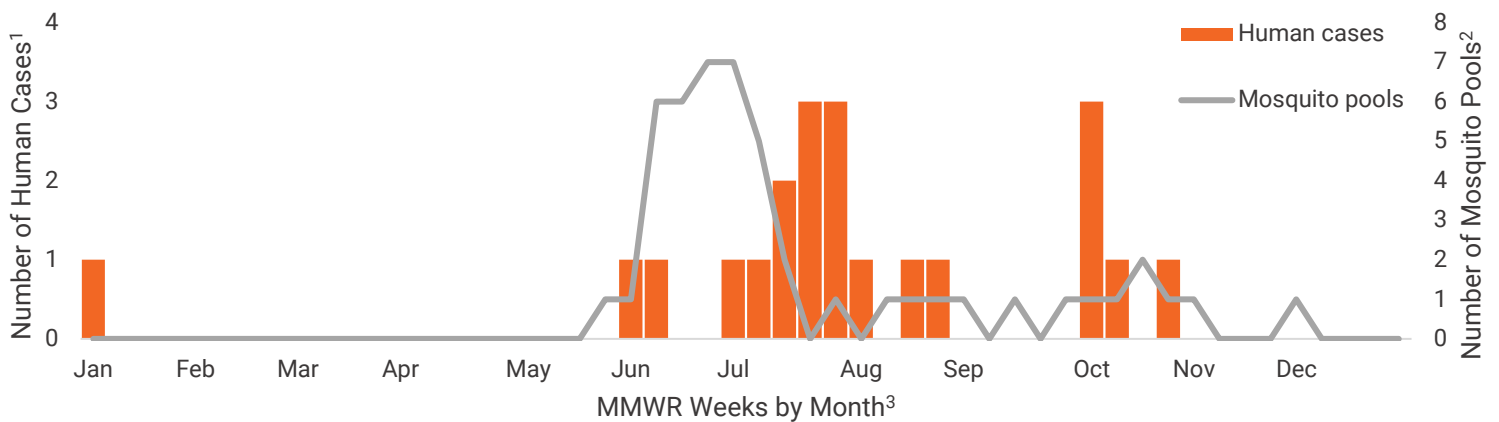


# 2024 West Nile Virus & St. Louis Encephalitis Report

## WEST NILE VIRUS (WNV) AND ST. LOUIS ENCEPHALITIS (SLE) OVERVIEW

There were **21 WNV** cases and **zero SLE** cases recorded in Maricopa County during 2024. Maricopa County Department of Public Health Division of Epidemiology and Informatics collaborates with the Maricopa County Environmental Services Department Vector Control Division (MCESD-VCD) to identify and monitor areas of activity. The peak for both human cases and mosquito detection was during July.

### Human Infections of WNV and WNV Positive Mosquito Pools by MMWR Week



<sup>1</sup> A human case is an individual person infected with WNV and with a clinically compatible illness.

<sup>2</sup> Mosquito pools are a collection of mosquitoes collected by MCESD-VCD from a county trap that tested positive for WNV.

<sup>3</sup> Human data are based on date of symptom onset; mosquito data are based on date of mosquito collection.

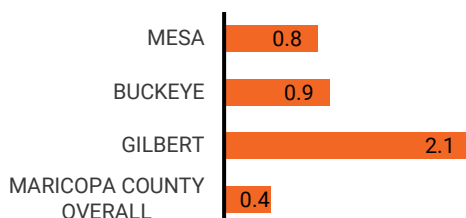
### WNV Counts for the 2024 Season

WNV Total*	Asymptomatic Donor†	Clinical Syndrome		Hospitalized	Deaths	Demographics	
		WNV Fever	Neuroinvasive Disease			Gender M/F	Median Age (Min, Max)
21	3	6	15	18	2	15/6	63 years (24, 93)

\* Cases are counted during the year in which they are reported to Public Health.

† WNV viremic blood donors who did not become symptomatic.

### Rates of Human WNV Illness per 100,000 Population



For additional information:

- <https://www.maricopa.gov/1746/West-Nile-Virus>
- <https://www.maricopa.gov/5811/Fight-the-Bite>