

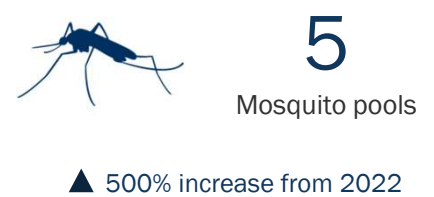


# Mosquito-borne Diseases

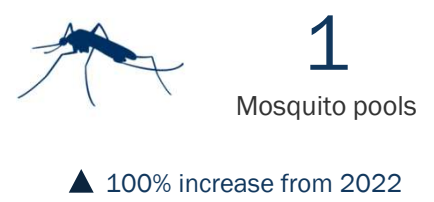
## EEE, JCV, WNV & Malaria

### Maine Surveillance Report | 2023

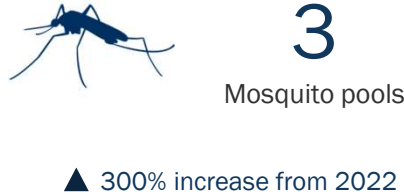
#### Eastern Equine Encephalitis Virus (EEE)



#### West Nile Virus (WNV)



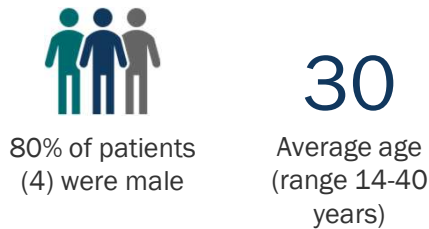
#### Jamestown Canyon Virus (JCV)



#### Trends in 2023:

- A large EEE epizootic occurred in 2023.
- Maine recorded local EEE, JCV, and/or WNV activity across 9 Maine counties.
- The Maine state lab tested 35 humans, 25 animals, and 1139 mosquito pools for mosquito-borne viruses.
- Maine reported no cases of Chikungunya, Dengue, or Zika in 2023.

#### Malaria



#### Characteristics:

20% hospitalized	100% were smear positive
0% previously had malaria	100% were Black or African American

#### Plasmodium species:



#### Prevention:

- **Wear a long-sleeved shirt**, long pants, and socks
- **Use EPA-approved repellents** for skin and clothing
- **Drain standing water** at least once a week from any open container that collects water
- **Avoid outdoor activities** at dawn and dusk when mosquitoes are most active
- **Call a healthcare provider** if symptoms develop
- **Use prescribed anti-malarial medication** when traveling

#### For more information visit:

- [www.maine.gov/dhhs/vectorborne](http://www.maine.gov/dhhs/vectorborne)
- [www.cdc.gov/mosquitoes](http://www.cdc.gov/mosquitoes)