

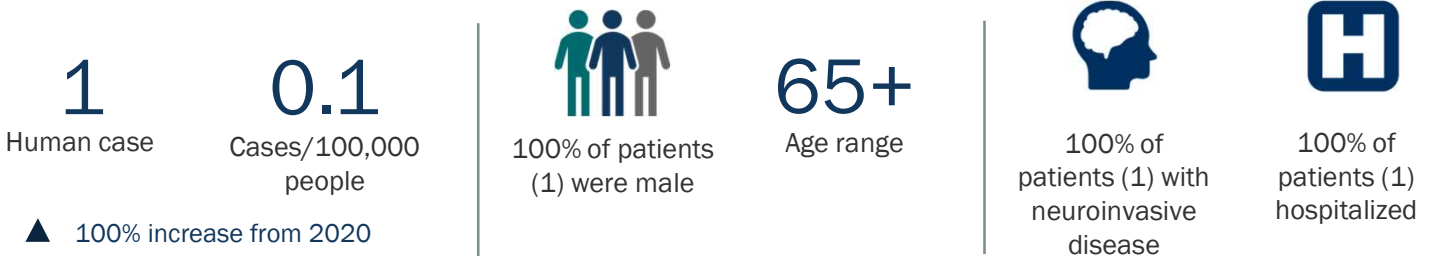


# Mosquito-borne Diseases

## Jamestown Canyon Virus, Malaria, & West Nile Virus

Maine Surveillance Report | 2021

### Jamestown Canyon Virus

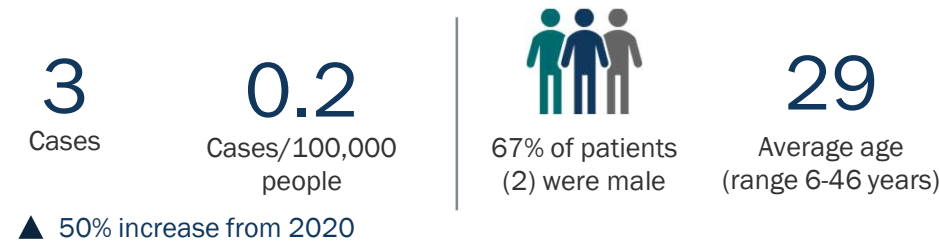


### West Nile Virus



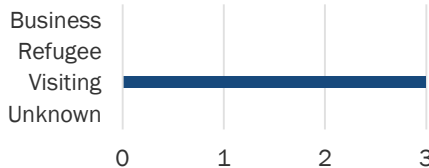
\* Maine reported one WNV presumptive viremic donor in 2021.

### Malaria



Patients travelled to Chad, Kenya, and Uganda

Purpose for Travel



#### Characteristics:

<b>67%</b> hospitalized	<b>100%</b> were smear positive
<b>33%</b> previously had malaria	<b>67%</b> were Black or African American

#### Plasmodium species:



#### Trends in 2021:

- There were no reported cases of Chikungunya, Eastern Equine Encephalitis, West Nile, or Zika.
- The Maine state lab tested 22 humans, 9 animals, and 1025 mosquito pools for arboviruses.

#### 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)