

# WEST NILE VIRUS



## INFO ABOUT WEST NILE VIRUS:



The virus is carried from infected birds to people by mosquitoes.



There is no evidence for transmission from person to person.





No vaccine or specific antiviral treatments for West Nile virus infection are available.

## Mosquito Bite Prevention (United States)



Not all mosquitoes are the same. Different mosquitoes spread different viruses and bite at different times of the day.

Type of Mosquito	Viruses spread	Biting habits
 <i>Aedes aegypti</i> , <i>Aedes albopictus</i>	<i>Chikungunya</i> , <i>Dengue</i> , <i>Zika</i>	Primarily daytime, but Can also bite at night
 <i>Culex species</i>	<i>West Nile</i>	Evening to morning

Protect yourself and your family from mosquito bites

## PREVENTION:

Use Environmental Protection Agency (EPA)-registered insect repellents with one of the active ingredients below. When used as directed, EPA-registered insect repellents are proven safe and effective, even for pregnant and breastfeeding women.

- DEET
- Picaridin (known as KBR 3023 and icaridin outside the US)
- IR3535
- Oil of lemon eucalyptus (OLE) or para-menthane-diol (PMD)
- 2-undecanone

## SYMPTOMS

- Symptoms and signs include fever, headache, body aches, skin rash, and swollen lymph glands.
- Severe symptoms may include stiff neck, sleepiness, disorientation, coma, tremors, convulsions, and paralysis.
- Most cases of West Nile virus are mild and go unreported.
- A key feature of West Nile virus disease is encephalitis, an inflammation of the brain.



*Culex pipiens*