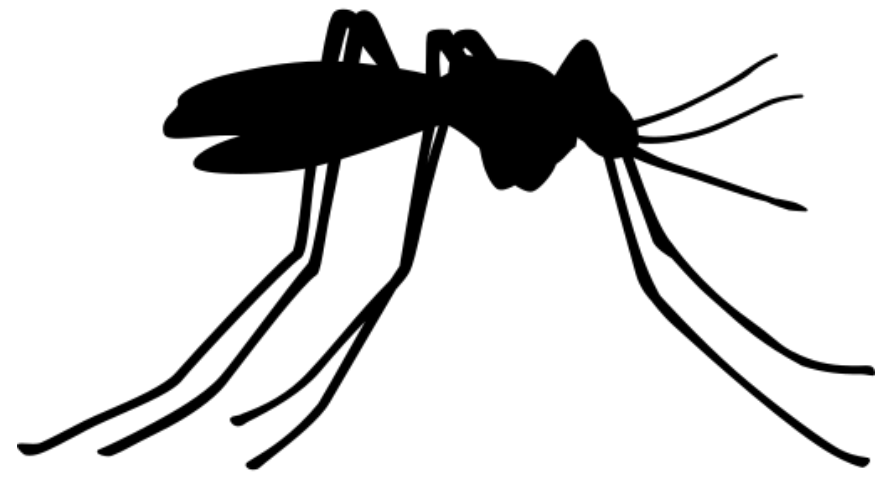# Jamestown Canyon Virus (JCV)

Fact Sheet

Jamestown Canyon virus (JCV) is an illness that spreads through the bite of an infected mosquito.

Anyone can get JCV, but people who spend time outdoors are at the highest risk. JCV can also infect deer.

## Signs and Symptoms

Fever and Chills

Weakness

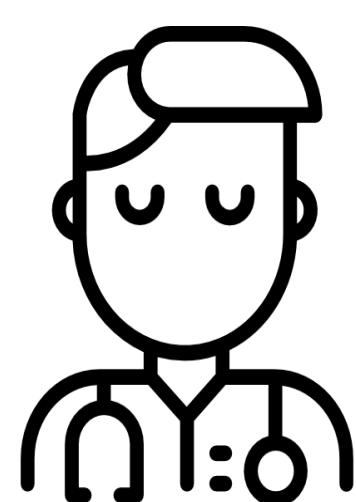Feeling Very Tired

Inflammation of the Brain

Confusion

Headache

Common signs and symptoms of identified cases include fever and flu-like illness. JCV can lead to inflammation of the brain, causing a more severe illness.  About half of JCV cases result in hospitalization.

It is unknown how long it takes for signs and symptoms to develop after being bit by an infected mosquito.

Talk to your doctor if you have any of these signs or symptoms. Your doctor may take samples of blood or spinal fluid to test for JCV. There is no specific treatment for JCV and severe illness may require supportive treatment in the hospital.
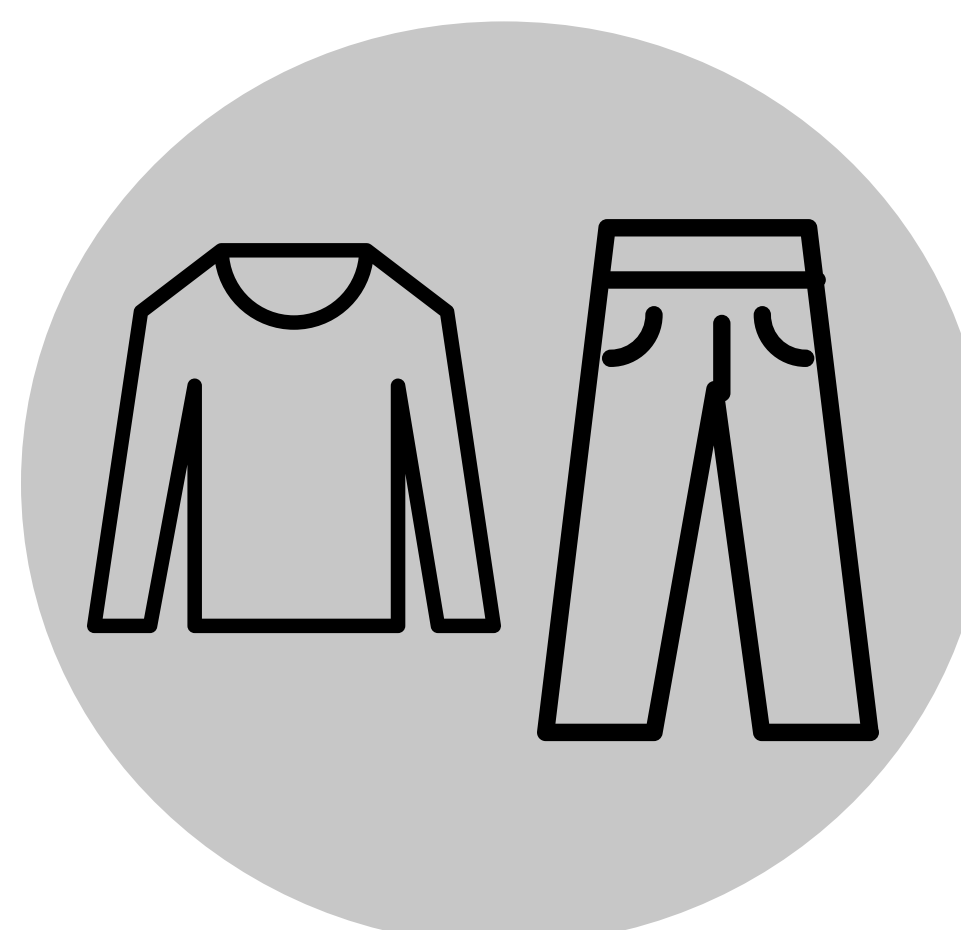
# Prevent Jamestown Canyon Virus

The best way to prevent JCV is to protect yourself and your family from mosquito bites.

Use an EPA-approved repellent for use on skin such as:
- DEET
- Oil of Lemon Eucalyptus
- IR 3535
- Picaridin

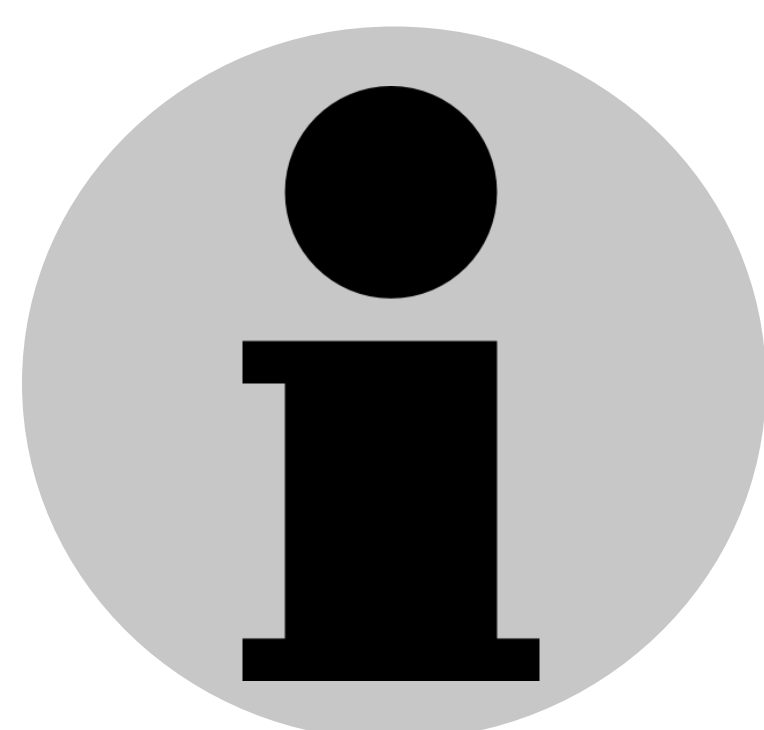Wear long-sleeved shirts and long pants when outside

Use permethrin on clothing

Get rid of places where mosquitoes can lay their eggs by draining standing water outside the house

Standing water should be drained at least once a week. This includes buckets, pet bowls, and bird baths. You can also drill holes in things like tires and buckets that are left outside and can collect water. Additional prevention includes avoiding being outdoors at dawn and dusk when many mosquitoes are most active and fixing holes in door and window screens.

# For More Information, Visit:

1. www.maine.gov/dhhs/mosquitofaq (For frequently asked mosquito questions)

2. www.epa.gov/insect-repellents/find-repellent-right-you (For EPA approved repellents)

3. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4530766/ (Jamestown Canyon Virus Disease in the United States Journal Article)

You can also call Maine CDC at 1-800-821-5821.