

# **ROCHESTER BOARD OF HEALTH**

## **Eastern Equine Encephalitis (EEE) Virus Confirmed in Mosquitoes from Rochester**

**DATE: July 30, 2019**  
**TOWN: Rochester**

**CONTACT: Karen Walega, MPH, CHO, RS, Health Director**  
**TELEPHONE: 508-763-5421**

The Massachusetts Department of Public Health (MDPH) announced today that EEE virus has been detected in mosquitoes collected from Rochester, Massachusetts. In 2017, 5,496 mosquito samples were tested for EEE virus, and one positive sample was identified in Massachusetts. Rochester, has had 3 EEE virus positive mosquito samples identified in 2019. More specifically, a bird biting mosquito *Culiseta Melanura*, and *C. perturbans* a Human biting Mosquito were found in the northwest quadrant of the Town.

EEE is a rare but serious illness spread by the bite of an infected mosquito. While EEE can infect people of all ages, people under 15 years of age or over 50 years of age are at greatest risk for serious illness.

**By taking a few, common-sense precautions, people can help to protect themselves and their loved ones:**

### **Avoid Mosquito Bites**

- **Be Aware of Peak Mosquito Hours** - The hours from dusk to dawn are peak biting times for many mosquitoes. Consider rescheduling outdoor activities that occur during evening or early morning. If you are outdoors at any time and notice mosquitoes around you, take steps to avoid being bitten by moving indoors, covering up and/or wearing repellent.
- **Clothing Can Help** reduce mosquito bites. Although it may be difficult to do when it's hot, wearing long-sleeves, long pants and socks when outdoors will help keep mosquitoes away from your skin.
- **Apply Insect Repellent** when you go outdoors. Use a repellent with **DEET** (N, N-diethyl-m-toluamide), **permethrin**, **picaridin** (KBR 3023), **IR3535** or **oil of lemon eucalyptus** [p-méthane 3, 8-diol (PMD)] according to the instructions on the product label. DEET products should not be used on infants under two months of age and should be used in concentrations of 30% or less on older children. Oil of lemon eucalyptus should not be used on children under three years of age. Permethrin products are intended for use on items such as clothing, shoes, bed nets and camping gear and should not be applied to skin.

### **Mosquito-Proof Your Home**

- **Drain Standing Water** – Many mosquitoes lay their eggs in standing water. Limit the number of places around your home for mosquitoes to breed by either draining or getting rid of items that hold water. Check rain gutters and drains. Empty any unused flowerpots and wading pools, and change water in birdbaths frequently.
- **Install or Repair Screens** - Some mosquitoes like to come indoors. Keep them outside by having tightly-fitting screens on all of your windows and doors.

**While Rochester Board of Health continues to work closely with the MDPH and other agencies, locally Plymouth County Mosquito Control will be doing a Town wide spraying on Friday, August 2, 2019 between 2:00 a.m. and 5:00 a.m. Residents are asked to keep their windows closed during the evening.**

Information about EEE and reports of current and historical EEE virus activity in Massachusetts can be found on the MDPH website at [www.mass.gov/dph/mosquito](http://www.mass.gov/dph/mosquito).