

**Massachusetts Department of Public Health Arbovirus  
Surveillance Program Report  
Pioneer Valley**

**Key Public Risk Communication Messages for This Week:**

MDPH has now identified both EEE and WNV in mosquitoes. The EEE detections were found in Easton and New Bedford. The WNV detection was found in Boston. The mosquitoes associated with West Nile virus and Eastern Equine Encephalitis virus are abundant in the environment due to above average temperatures and periodic precipitation events. It is likely that populations of these mosquito species will increase in the coming weeks. Please continue to communicate to residents the need to take personal preventative actions like using repellents and avoiding peak mosquito activity. Check your risk levels and positive findings throughout the season by visiting [www.mass.gov/dph/mosquito](http://www.mass.gov/dph/mosquito)

**Establish good mosquito avoidance habits now**

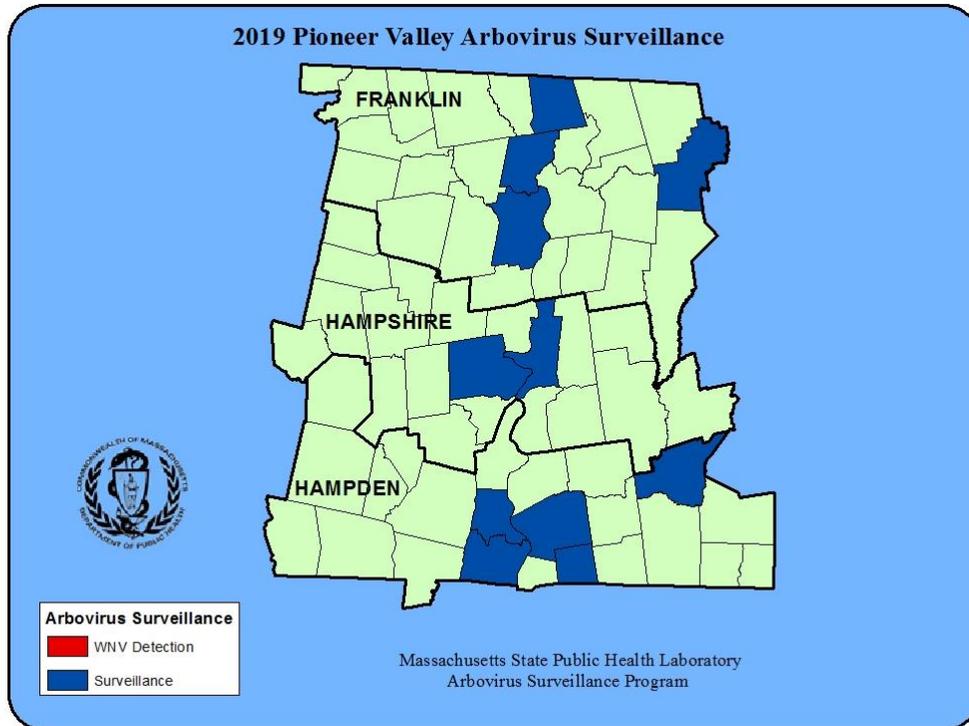
<b>• Teach children to be aware of mosquito activity around them and avoid it</b>	
<b>• Pick a repellent with an EPA-approved active ingredient</b>	<b>• Use long sleeves to cover up when possible</b>
<b>• Remove standing water to help reduce mosquito populations</b>	<b>• Repair screens</b>

Several 30 second PSA videos are available for download and use on your website to help promote prevention activities to your residents. These can be found at [www.mass.gov/mosquitoesandticks](http://www.mass.gov/mosquitoesandticks)

<b>WNV and EEE Virus Surveillance Summary Franklin, Hampden and Hampshire County Results contained in this report reflect data inclusive of MMWR Week 29 (Sunday, 7/14/2019– Saturday, 7/20/2019)</b>	
<b>Mosquito Surveillance</b>	
<b>Number of Mosquito Samples Collected</b>	<b>534</b>
<b>Number of Mosquito Samples Tested</b>	<b>195</b>
<b>Number of WNV Positive Samples</b>	<b>0</b>
<b>Number of EEE Positive Samples</b>	<b>0</b>

<b>Summary of 2019 Mosquito Samples Tested Massachusetts State Public Health Laboratory</b>				
<b>MMWR Week: (Specimens Tested)</b>	<b>Franklin County</b>	<b>Hampden County</b>	<b>Hampshire County</b>	<b>Total Tested</b>
<b>25 (6/16-6/22/2019)</b>	10	17	6	33
<b>26 (6/23-6/29/2019)</b>	8	22	13	43
<b>27 (6/30-7/6/2019)</b>	8	21	10	39
<b>28 (7/7-7/13/2019)</b>	2	15	10	27
<b>29 (7/14-7/20/2019)</b>	17	23	13	53
<b>Total</b>	45	98	52	195

Numbers reflect finalized results; data are subject to change as additional test results are finalized



**Figure 1: Year-to-date surveillance efforts and WNV detection in Franklin, Hampden and Hampshire Counties.**