

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

Key Public Risk Communication Messages for This Week:

MDPH continues to identify both EEE and WNV in mosquitoes. The EEE continue to be found in Bristol and Plymouth Counties and now in Barnstable County. The first WNV detection in Pioneer Valley has been found in Deerfield. 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

Establish good mosquito avoidance habits now

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

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

WNV and EEE Virus Surveillance Summary Franklin, Hampden and Hampshire County Results contained in this report reflect data inclusive of MMWR Week 31 (Sunday, 7/28/2019– Saturday, 8/3/2019)	
Mosquito Surveillance	
Number of Mosquito Samples Collected	704
Number of Mosquito Samples Tested	284
Number of WNV Positive Samples	1
Number of EEE Positive Samples	0

Summary of 2019 Mosquito Samples Tested Massachusetts State Public Health Laboratory				
MMWR Week: (Specimens Tested)	Franklin County	Hampden County	Hampshire County	Total Tested
25 (6/16-6/22/2019)	10	17	6	33
26 (6/23-6/29/2019)	8	22	13	43
27 (6/30-7/6/2019)	8	21	10	39
28 (7/7-7/13/2019)	2	15	10	27
29 (7/14-7/20/2019)	17	23	13	53
30 (7/21-7/27/2019)	5	20	16	41
31 (7/28-8/3/2019)	24	18	6	48
Total	74	136	74	284

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

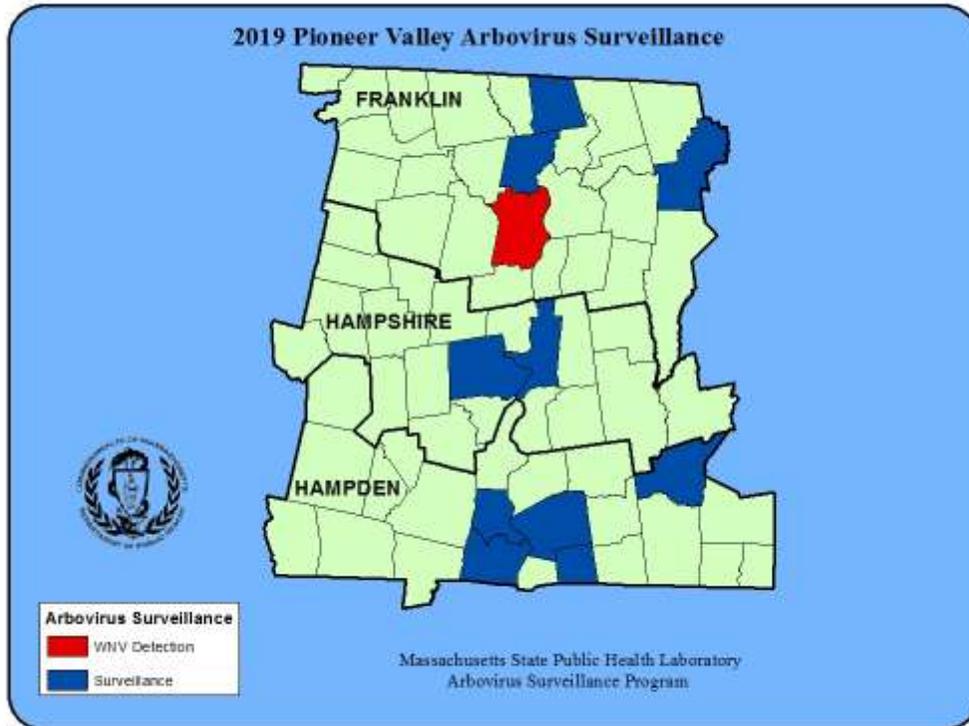


Figure 1: Year-to-date surveillance efforts and WNV detection in Franklin, Hampden and Hampshire Counties.