

**Massachusetts Department of Public Health
Arbovirus Surveillance Program Report
Report Date: October 9, 2012**

Key Public Risk Communication Messages for This Week:

1. Mosquito surveillance results are not very sensitive at this time of year. Absence of positive mosquito findings does NOT imply absence of risk.
2. Risk from mosquito-borne illness will continue until the first hard frost. A hard frost is when temperatures fall below 28 degrees F for more than 2 hours. This is often referred to as a killing frost.

WNV and EEE Virus Surveillance Summary	
Results contained in this report reflect data inclusive of MMWR Week 40 (Sunday, 9/30/12 – Saturday, 10/6/12)	
Mosquito Surveillance	
Number of Mosquito Pools Tested	6763
Number of WNV Positive Pools	307
Number of EEE Positive Pools	266
Equine/Mammal Surveillance	
Number of Mammal Specimens Tested	20
Number of WNV Positive Horses	2
Number of EEE Positive Horses	6*
Number of other EEE Positive Mammals	1
Human Surveillance	
Number of Human Specimens Tested	834
Number of Human WNV Cases	20
Number of Human EEE Cases	7

* Includes INY horse with MA EEE exposure

Summary of 2012 Mosquito Pool Submissions											
	Berkshire County MCP	Bristol County MCP	Cape Cod MCP	Central MA MCP	East Middlesex MCP	Norfolk County MCP	Northeast MA MCP	Plymouth County MCP	Suffolk County MCP	State Lab Institute	Total
Total	226	420	281	902	294	528	1038	832	163	2079	6763

Figure 1: Current WNV Risk Categories as described in Table 1 of the 2012 MDPH Surveillance and Response Plan

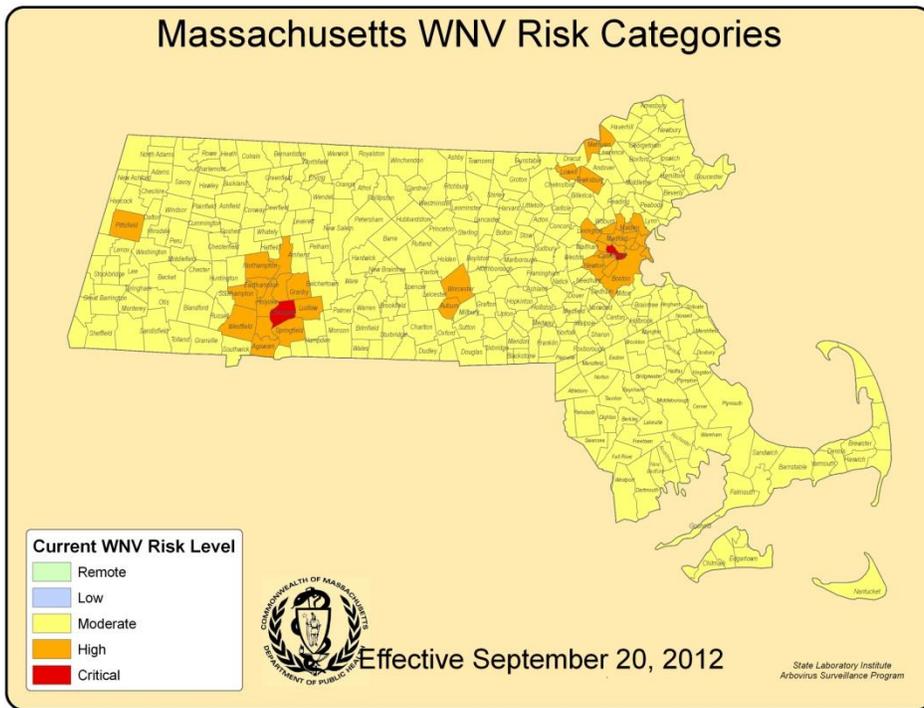


Figure 2: Current EEE Risk Categories as described in Table 2 of the 2012 MDPH Surveillance and Response Plan

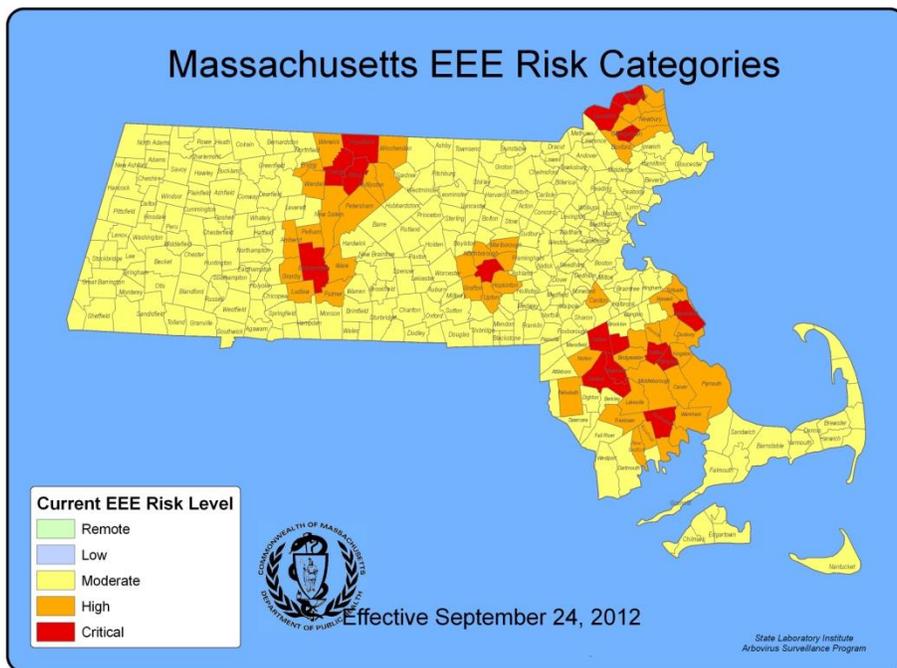
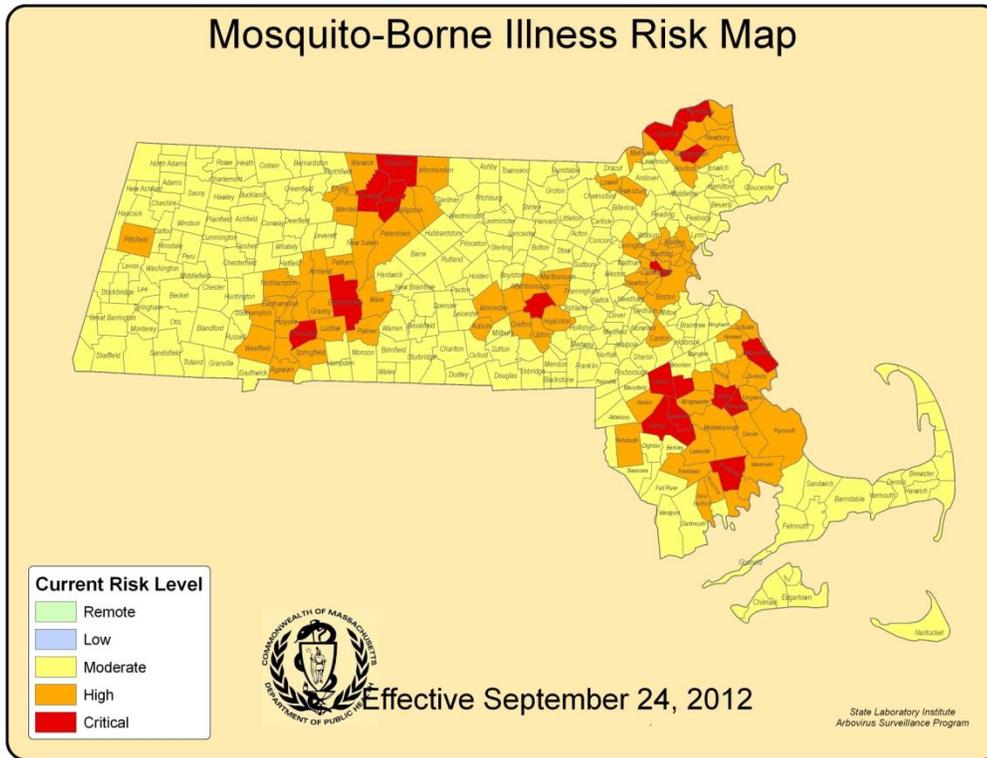


Figure 3: Mosquito-Borne Illness (WNV, EEE) Risk Map



Useful Web Links:

MDPH Arbovirus Information:

MDPH Surveillance and Response Plan:

Massachusetts Department of Public Health:

Centers for Disease Control WNV Website:

[MDPH Arbovirus Information Risk Maps](#)

[2012 MDPH Arbovirus Surveillance Plan](#)

[MDPH Arbovirus Website](#)

[CDC West Nile Virus Homepage](#)