

POST TOWER
7/25/12

**Massachusetts Department of Public Health
Arbovirus Surveillance Program Report
Report Date: July 23 2012**

Key Public Risk Communication Messages for This Week:

1. The aerial application of pesticides in portions of Plymouth and Bristol counties does not change the need for people to take personal protective measures- including using repellent, reducing outdoor activities during the dusk and dawn periods, wearing clothing that covers the skin, and dumping standing water.
2. Towns in the aerial spray zone were identified based on current findings of EEE virus in mosquitoes, known mosquito breeding habitats that serve as a focus of EEE amplification, and areas of historic risk. The expectation is that if the aerial spray is as effective as it has been in the past that risk from EEE will be reduced throughout southeastern Massachusetts and not just in the towns directly within the spray zone.
3. WNV isolations from mosquitoes are spreading. The hot weather and episodic rain fall is contributing to developing WNV risk. The use of personal protective measures should be emphasized.

WNV and EEE Virus Surveillance Summary	
Results contained in this report reflect data inclusive of MMWR Week 29 (Sunday, 7/15/12 – Saturday, 7/21/12)	
Mosquito Surveillance	
Number of Mosquito Pools Tested	2062
Number of WNV Positive Pools	17
Number of EEE Positive Pools	50
Equine/Mammal Surveillance	
Number of Mammal Specimens Tested	3
Number of WNV Positive Horses	0
Number of EEE Positive Horses	0
Number of other EEE Positive Mammals	0
Human Surveillance	
Number of Human Specimens Tested	38
Number of Human WNV Cases	0
Number of Human EEE Cases	0

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	63	84	105	298	46	152	237	168	133	776	2062

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

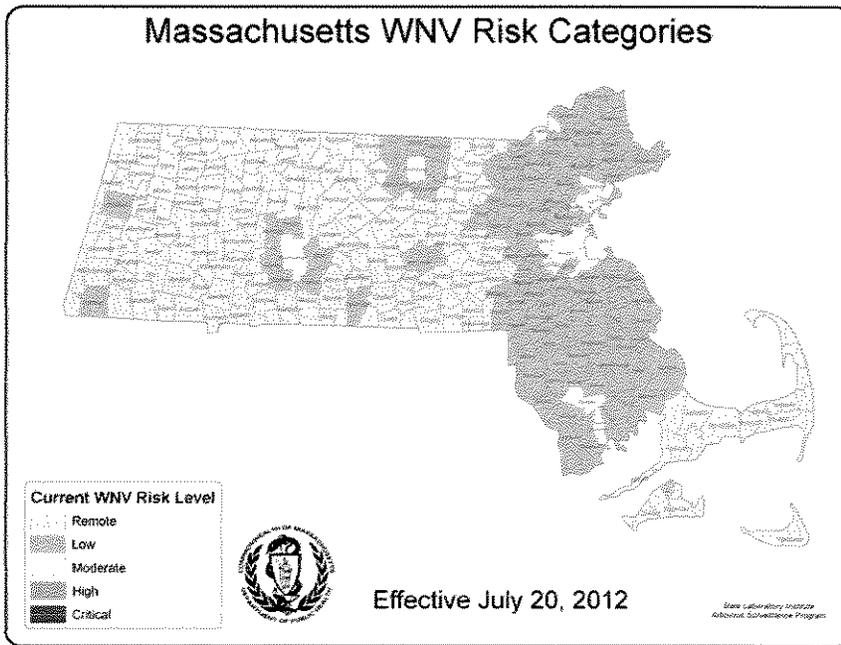


Figure 2: Current EEE Risk Categories as described in Table 2 of the 2012 MDPH Surveillance and Response Plan

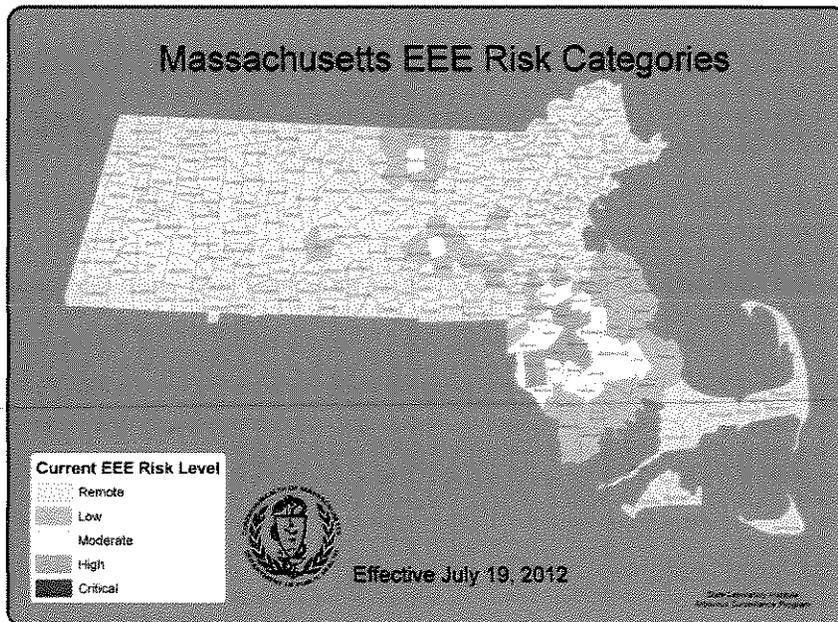
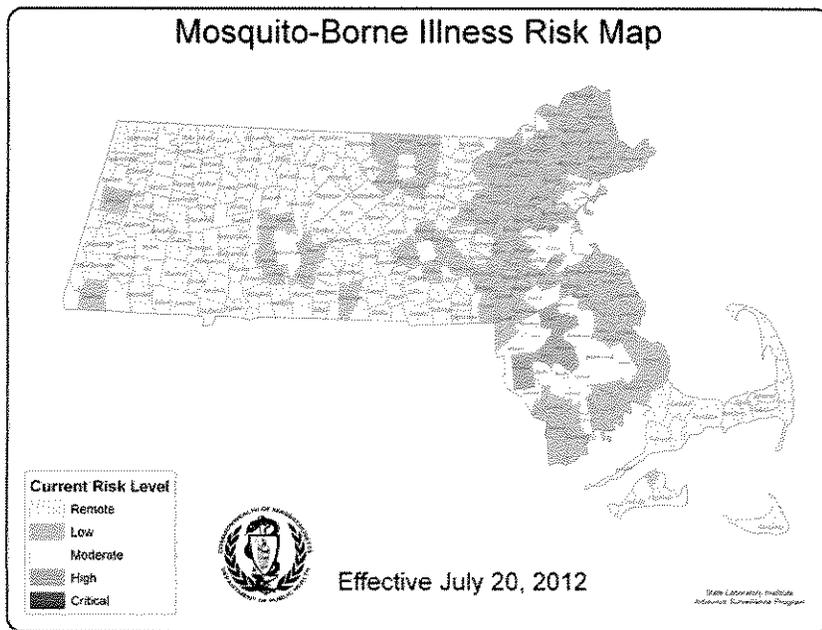


Figure 3: Mosquito-Borne Illness (WNV, EEE) Risk Map



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](#)

-----*End of Report*-----