

**Massachusetts Department of Public Health
Arbovirus Surveillance Program Report
Report Date: August 15, 2011**

Key Public Risk Communication Messages for This Week:

1. We now have evidence that both EEE and WNV viruses are present in Massachusetts this summer. Personal protection is always the best defense against mosquito bites Be aware of mosquito activity around you; if you notice that you are being bitten, consider repellent use, clothing to cover exposed skin and/or move indoors.
2. The recent rains will contribute to standing water; dumping standing water should be strongly encouraged, particularly in areas where WNV has been regularly detected in mosquitoes.
3. The recent rains may contribute to increased populations of mammal-biting mosquitoes in areas where EEE has already been detected in bridge vector species. This could result in an increased risk for human cases. Information from testing of mosquito samples and observation of mosquito populations will assist with assessing this potential.

WNV and EEE Virus Surveillance Summary	
Results contained in this report reflect data through 8/15/2011 inclusive of MMWR Week 32 (Sunday, 8/7/11 – Saturday, 8/13/11)	
Mosquito Surveillance	
Number of Mosquito Pools Tested	2396
Number of WNV Positive Pools	115
Number of EEE Positive Pools	22
Equine/Mammal Surveillance	
Number of Mammal Specimens Tested	4
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	126
Number of Human WNV Cases	0
Number of Human EEE Cases	0

Figure 1: Current WNV Risk Categories as described in Table 1 of the 2010 MDPH Surveillance and Response Plan

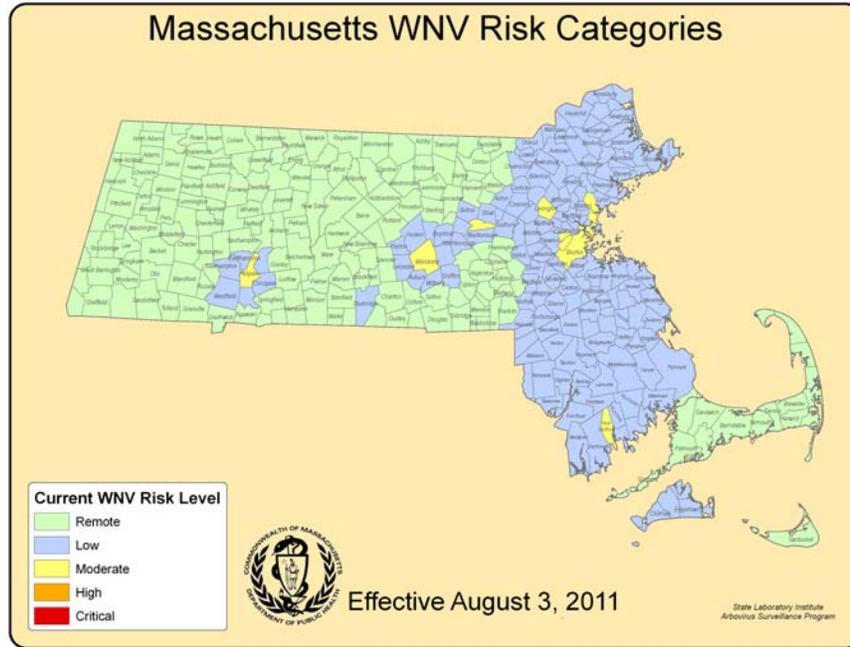


Figure 2: Current EEE Risk Categories as described in Table 2 of the 2010 MDPH Surveillance and Response Plan

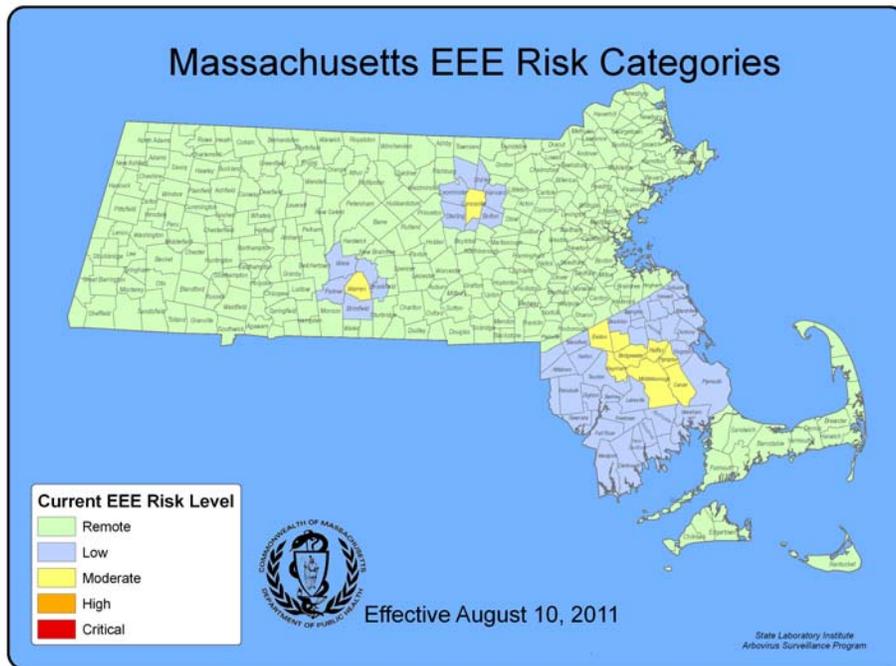
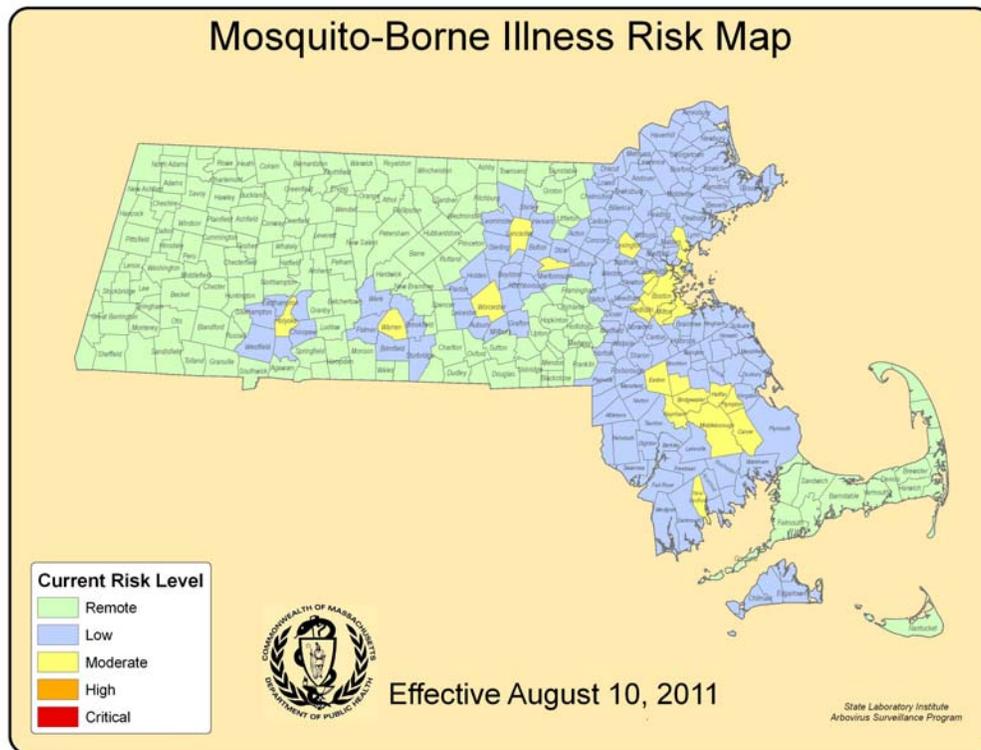


Figure 3: Mosquito-Borne Illness (WNV, EEE) Risk Map



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](#)

[2010 MDPH Arbovirus Surveillance Plan](#)

[MDPH Website](#)

[CDC WNV Website](#)

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