

**Massachusetts Department of Public Health  
Arbovirus Surveillance Program Report  
Report Date: August 22, 2011**

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

1. Historically, the majority of human cases of both WNV and EEE have been in late August and September. This is the peak time for human exposure to virus. 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 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.

<b>WNV and EEE Virus Surveillance Summary</b>	
Results contained in this report reflect data through 8/22/2011 inclusive of MMWR Week 33 (Sunday, 8/14/11 – Saturday, 8/20/11)	
<b>Mosquito Surveillance</b>	
Number of Mosquito Pools Tested	2650
Number of WNV Positive Pools	143
Number of EEE Positive Pools	25
<b>Equine/Mammal Surveillance</b>	
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
<b>Human Surveillance</b>	
Number of Human Specimens Tested	148
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

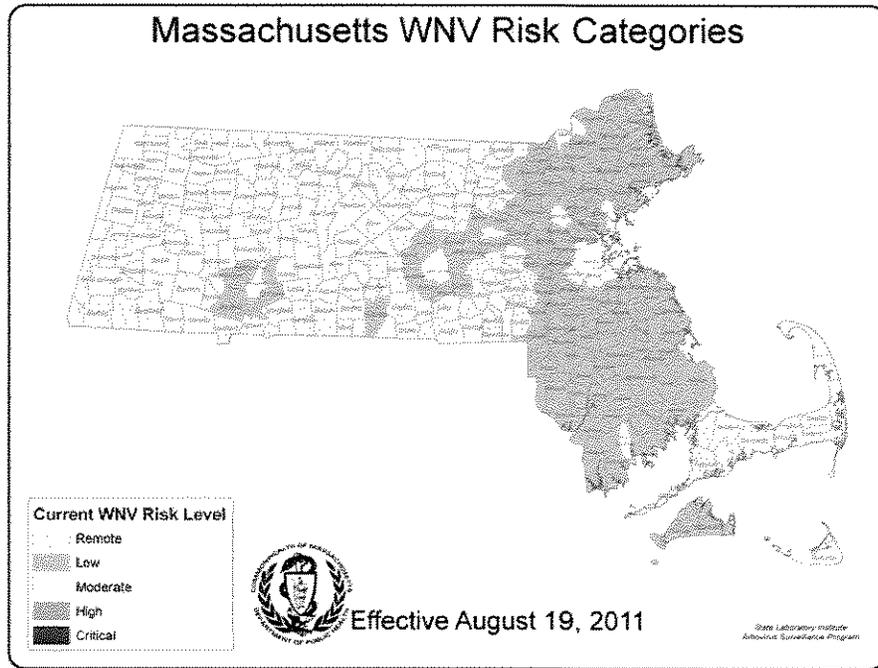


Figure 2: Current EEE Risk Categories as described in Table 2 of the 2010 MDPH Surveillance and Response Plan

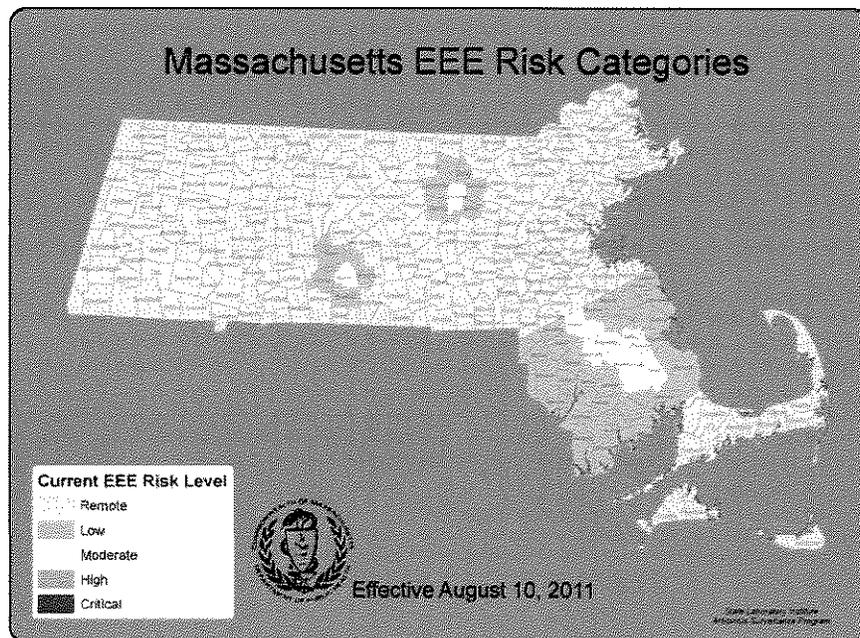
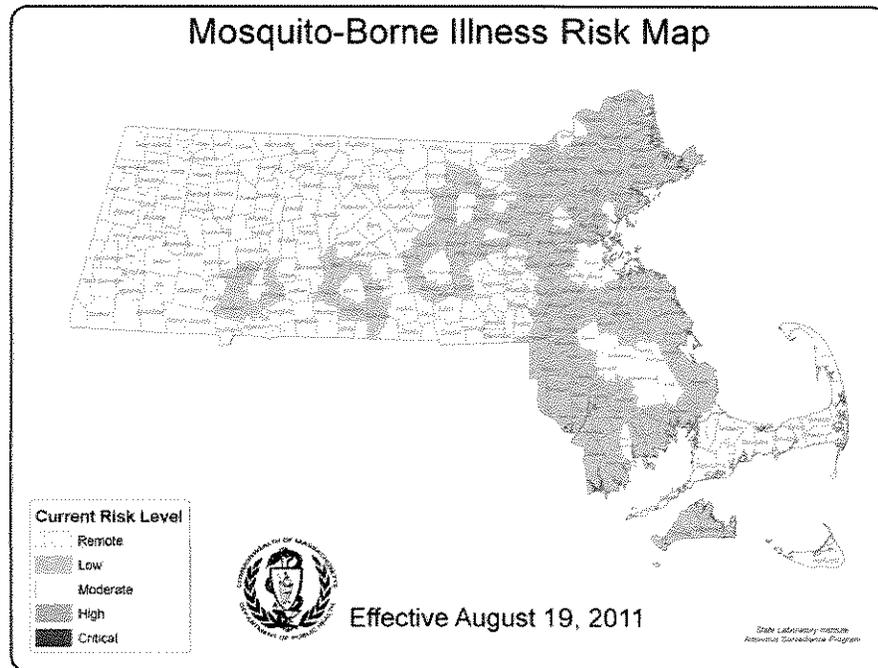


Figure 3: Mosquito-Borne Illness (WNV, EEE) Risk Map



**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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