

**Massachusetts Department of Public Health  
Arbovirus Surveillance Program Report  
Report Date: September 3, 2012**

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

1. This is the middle of the highest risk period for human infections with both WNV and EEE. Although Labor Day is often considered the unofficial end of summer, infected mosquitoes persist and personal precautions should still be encouraged.
2. In areas at high and critical risk for EEE, outdoor evening activities should still be avoided.
3. As the weather cools and mosquito populations continue to die off, risk will drop off but will not end until the first hard frost.

<b>WNV and EEE Virus Surveillance Summary</b> Results contained in this report reflect data inclusive of MMWR Week 35 (Sunday, 8/26/12 – Saturday, 9/1/12)	
<b>Mosquito Surveillance</b>	
Number of Mosquito Pools Tested	6064
Number of WNV Positive Pools	244
Number of EEE Positive Pools	237
<b>Equine/Mammal Surveillance</b>	
Number of Mammal Specimens Tested	16
Number of WNV Positive Horses	1
Number of EEE Positive Horses	1
Number of other EEE Positive Mammals	1
<b>Human Surveillance</b>	
Number of Human Specimens Tested	277
Number of Human WNV Cases	8
Number of Human EEE Cases	1

<b>Summary of 2012 Mosquito Pool Submissions</b>											
	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
<b>Total</b>	188	311	245	699	219	445	665	719	159	2414	6064

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

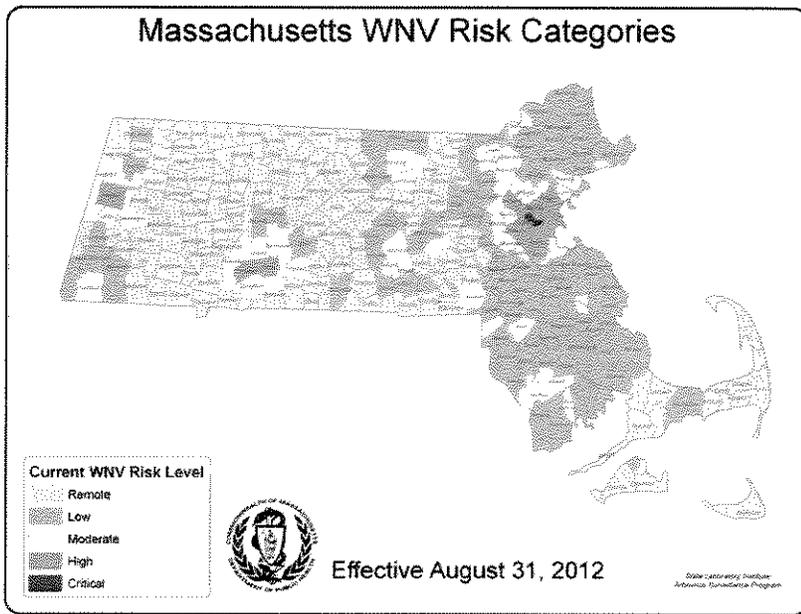
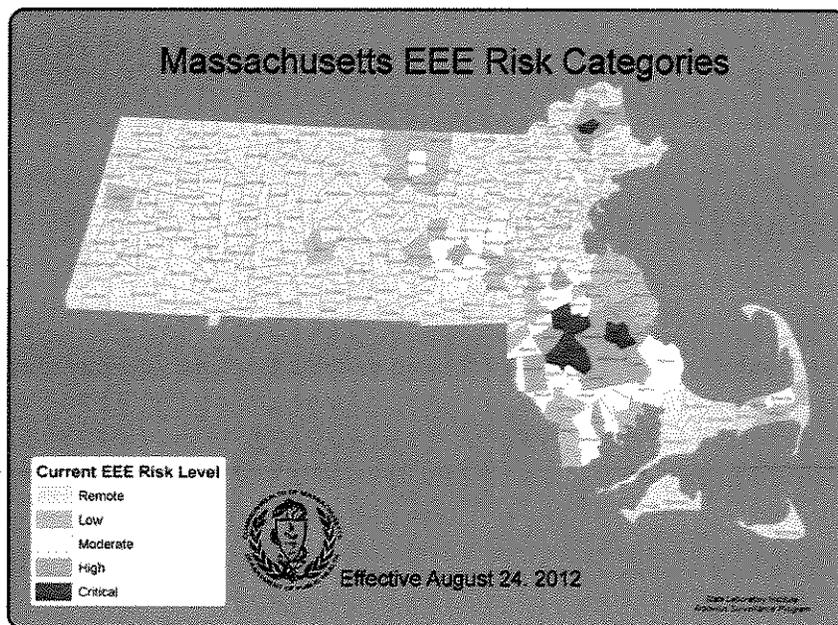
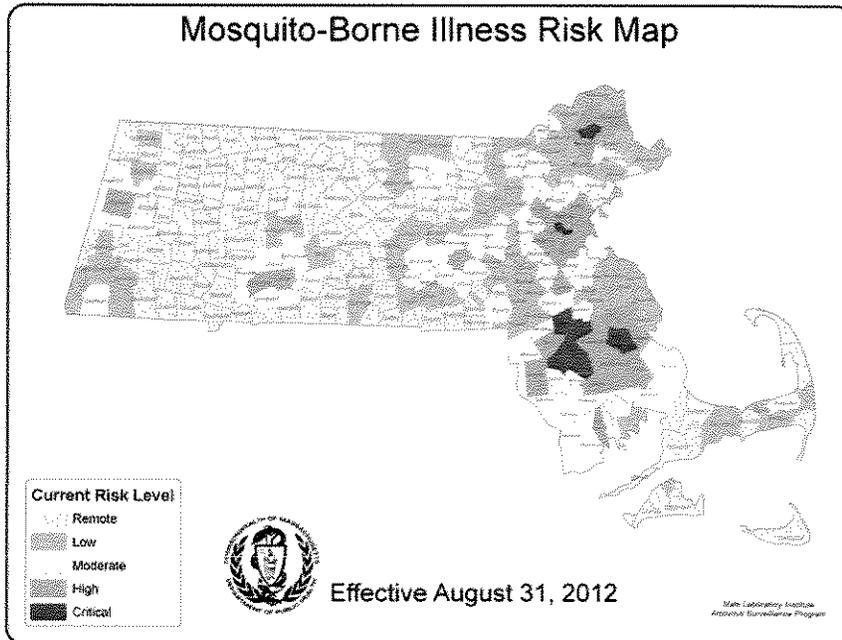


Figure 2: Current EEE Risk Categories as described in Table 2 of the 2012 MDPH Surveillance and Response Plan



**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](#)**