

**Massachusetts Department of Public Health  
Arbovirus Surveillance Program Report  
Report Date: August 27, 2012**

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

1. **Human WNV cases have now been reported in both eastern and western MA; an indication that WNV virus is prevalent throughout the state. Late August and September remains the peak risk period for human infection with both WNV and EEE in Massachusetts. Mosquitoes infected with WNV and EEE are being found in many places in Massachusetts and personal precautions such as mosquito repellent and avoiding outdoor activity from dusk to dawn are more important than ever**
  
2. **Pre-season sport practices and after-school activities can place students outdoors during peak mosquito hours. Reminders to schools and parents about mosquito repellent usage and covering up should be considered.**

<b>WNV and EEE Virus Surveillance Summary</b>	
Results contained in this report reflect data inclusive of MMWR Week 34 (Sunday, 8/19/12 – Saturday, 8/25/12)	
<b>Mosquito Surveillance</b>	
<b>Number of Mosquito Pools Tested</b>	<b>5559</b>
<b>Number of WNV Positive Pools</b>	<b>196</b>
<b>Number of EEE Positive Pools</b>	<b>218</b>
<b>Equine/Mammal Surveillance</b>	
<b>Number of Mammal Specimens Tested</b>	<b>15</b>
<b>Number of WNV Positive Horses</b>	<b>1</b>
<b>Number of EEE Positive Horses</b>	<b>1</b>
<b>Number of other EEE Positive Mammals</b>	<b>1</b>
<b>Human Surveillance</b>	
<b>Number of Human Specimens Tested</b>	<b>176</b>
<b>Number of Human WNV Cases</b>	<b>3</b>
<b>Number of Human EEE Cases</b>	<b>1</b>

<b>Summary of 2012 Mosquito Pool Submissions</b>											
	<b>Berkshire County MCP</b>	<b>Bristol County MCP</b>	<b>Cape Cod MCP</b>	<b>Central MA MCP</b>	<b>East Middlesex MCP</b>	<b>Norfolk County MCP</b>	<b>Northeast MA MCP</b>	<b>Plymouth County MCP</b>	<b>Suffolk County MCP</b>	<b>State Lab Institute</b>	<b>Total</b>
<b>Total</b>	169	269	229	629	193	384	587	707	154	2238	5559

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

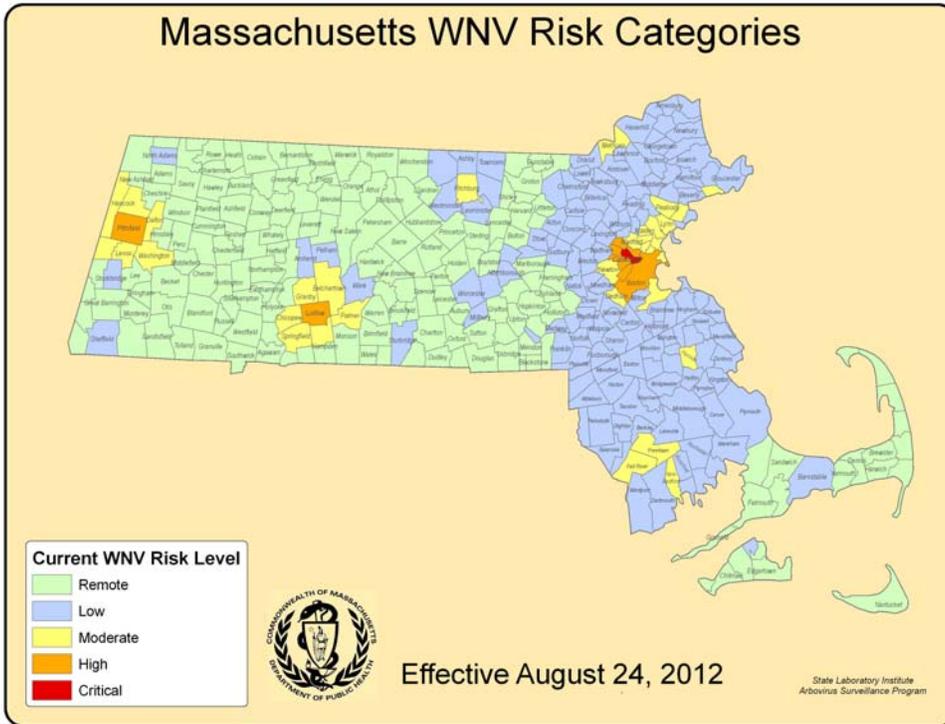
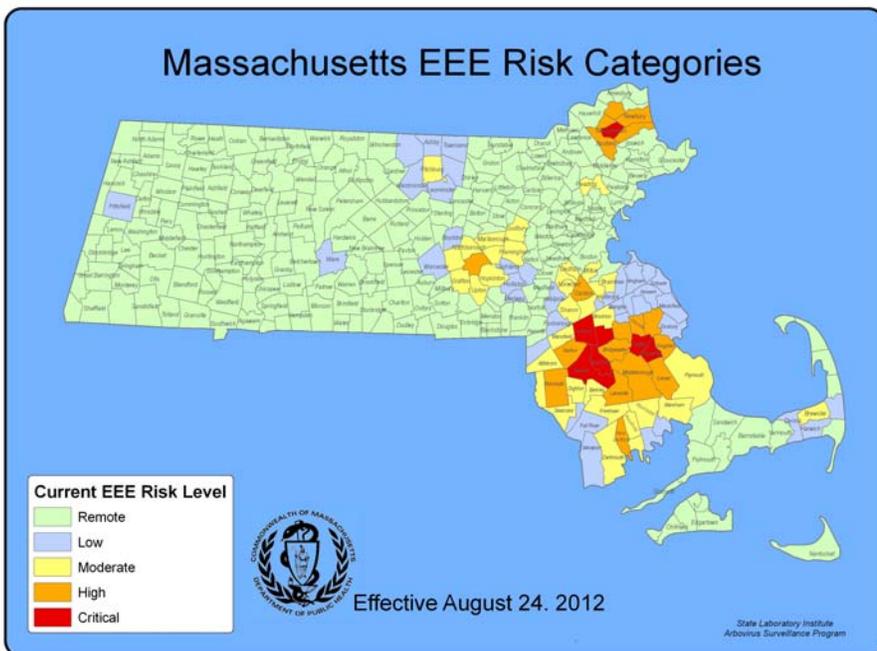
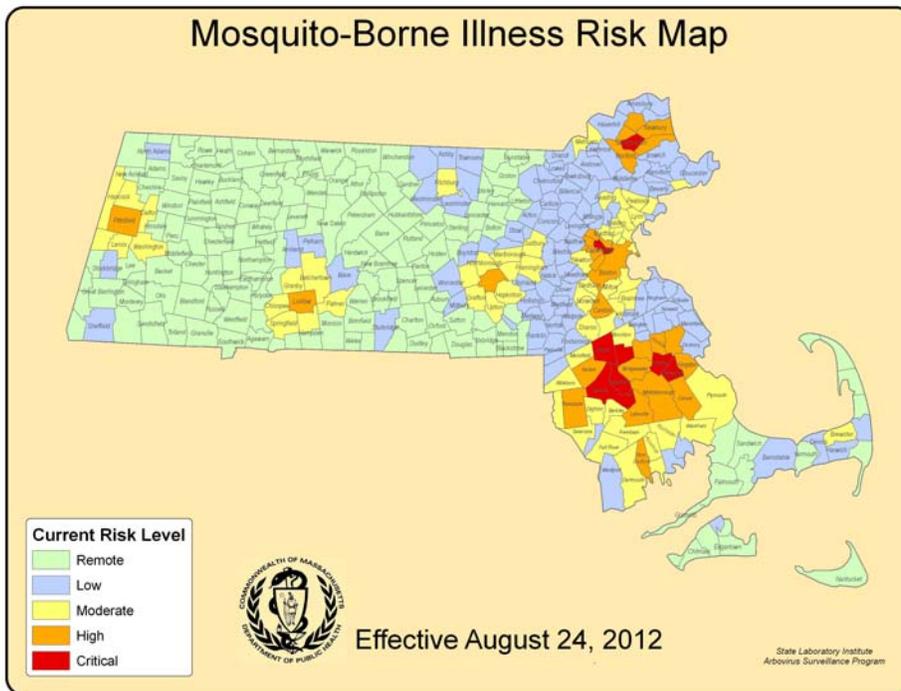


Figure 2: Current EEE Risk Categories as described in Table 2 of the 2012 MDPH Surveillance and Response Plan



**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](#)

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