

**Massachusetts Department of Public Health
Arbovirus Surveillance Program Report
Report Date: August 6, 2012**

Key Public Risk Communication Messages for This Week:

1. Effects of aerial spraying are always partial and temporary and evidence suggests that mosquito populations are rebounding. Therefore, people need 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 in all areas, including towns that were part of the aerial spray operation.

2. WNV isolations from mosquitoes have been continuing. The previous hot weather with episodic rains has promoted development of WNV and Culex mosquito species

WNV and EEE Virus Surveillance Summary Results contained in this report reflect data inclusive of MMWR Week 31 (Sunday, 7/29/12 – Saturday, 8/5/12)	
Mosquito Surveillance	
Number of Mosquito Pools Tested	3272
Number of WNV Positive Pools	69
Number of EEE Positive Pools	98
Equine/Mammal Surveillance	
Number of Mammal Specimens Tested	7
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	73
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	109	185	143	421	103	294	370	408	145	1094	3272

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

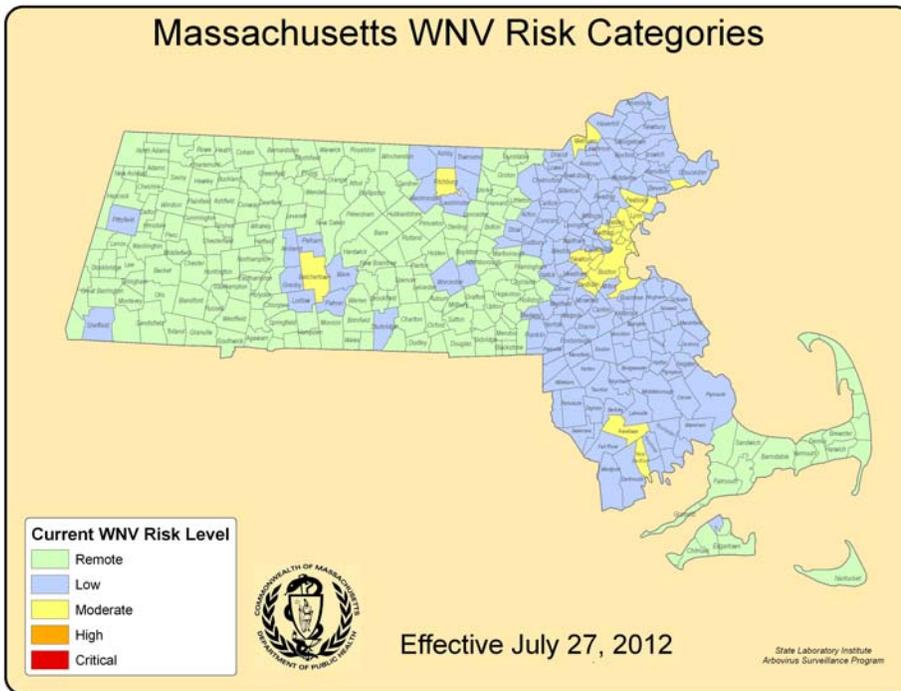


Figure 2: Current EEE Risk Categories as described in Table 2 of the 2012 MDPH Surveillance and Response Plan

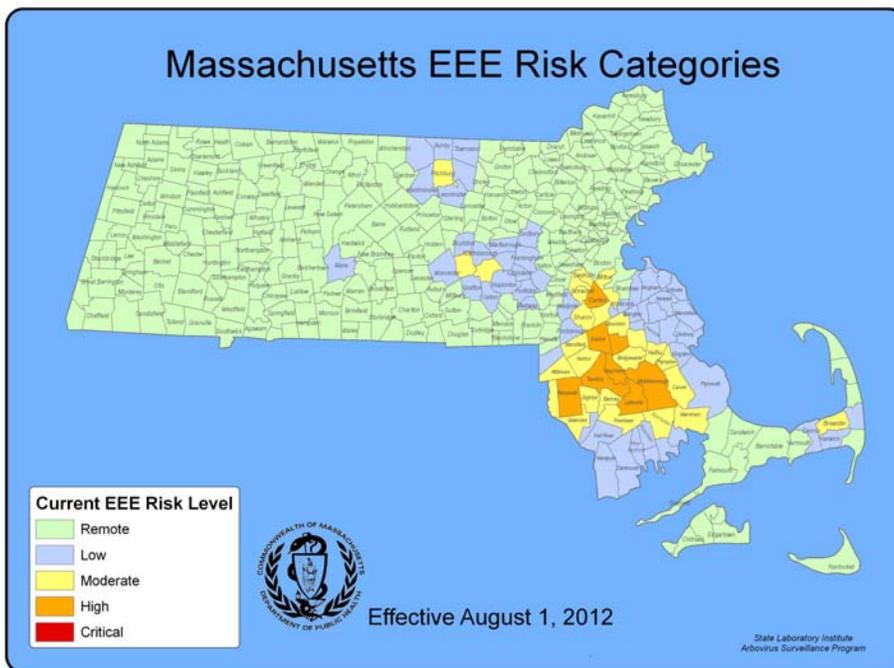
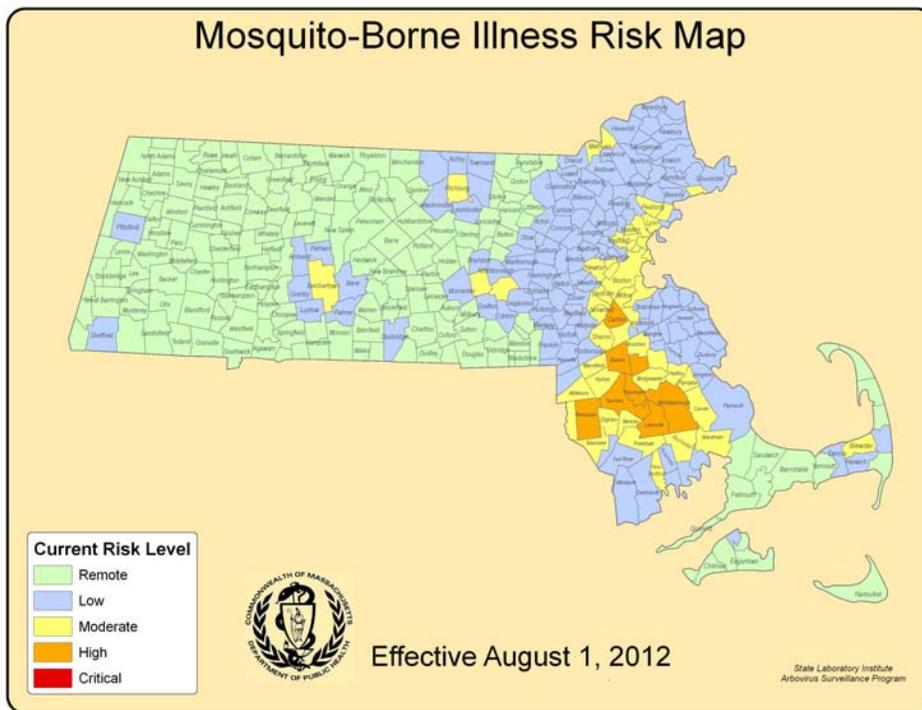


Figure 3: Mosquito-Borne Illness (WNV, EEE) Risk Map



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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