

Massachusetts Department of Public Health

Arbovirus Surveillance Program Report

Key Public Risk Communication Messages for This Week:

MDPH has identified four WNV positive mosquito samples from Barnstable, Middlesex, Suffolk, and Worcester Counties. Personal protection measures are recommended due to the early season arbovirus detection and average mosquito vector populations across the state. Check your risk levels throughout the season by visiting our interactive site <https://www.mass.gov/info-details/massachusetts-arbovirus-update>

Regional precipitation events and above average temperatures will support increased populations of WNV and EEE mosquito vectors. Avoid mosquito bites by using EPA approved repellents, appropriate clothing, and avoiding peak mosquito activity between dusk and dawn. Remove standing water by emptying containers and tarps.

Please review the 2025 MDPH Surveillance and Response Plan for updates to risk levels and risk messaging. www.mass.gov/doc/2025-arbovirus-surveillance-and-response-plan/download

WNV and EEE Virus Surveillance Summary Results contained in this report reflect data up to and inclusive of MMWR Week 27 (Sunday, 06/29/2025-Saturday, 07/05/2025)	
Mosquito Surveillance	
Number of Mosquito Samples Tested	1895
Number of WNV Positive Samples	4
Number of EEE Positive Samples	0
Equine/Mammal Surveillance	
Number of Mammal Specimens Tested	0
Number of WNV Positive Horses	0
Number of EEE Positive Horses	0
Number of other WNV Positive Mammals	0
Human Surveillance	
Number of Human Specimens Tested	23
Number of Human WNV Cases	0
Number of Human EEE Cases	0

Summary of 2025 Mosquito Samples Tested Massachusetts State Public Health Laboratory													
MMWR Week: (Specimens Tested)	Berkshire County MCP	Bristol County MCP	Cape Cod MCP	Central MA MCP	Dukes County MCP	East Middlesex MCP	Norfolk County MCP	Northeast MA MCP	Pioneer Valley	Plymouth County MCP	SPHL	Suffolk County MCP	Total Tested
25 (6/15-6/21/2025)	11	17	55	75	0	8	4	0	35	0	76	10	291
26 (6/22-06/28/2025)	33	14	70	91	0	36	42	41	43	26	271	42	709
27 (06/29-07/05/2025)	28	36	95	128	0	83	57	30	46	27	345	20	895
28 (07/06-07/12/2025)													0
29 (07/13-07/19/2025)													0
Total	72	67	220	294	0	127	103	71	124	53	692	72	1895

Numbers reflect finalized results; data are subject to change as additional test results are finalized.