

Massachusetts Department of Public Health

Arbovirus Surveillance Program Report

Key Public Risk Communication Messages for This Week:

MDPH identified two EEE positive mosquitoes from Hampshire and Plymouth Counties and 61 WNV positive mosquito samples from Barnstable, Berkshire, Bristol, Hampden, Middlesex, Norfolk, Suffolk, and Worcester Counties. MDPH has raised the EEE risk to Moderate for selected communities in Hampshire and Plymouth Counties. Personal protection measures are recommended due to these findings 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 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 31 (Sunday, 07/27/2025-Saturday, 08/02/2025)	
Mosquito Surveillance	
Number of Mosquito Samples Tested	5085
Number of WNV Positive Samples	61
Number of EEE Positive Samples	2
Equine/Mammal Surveillance	
Number of Mammal Specimens Tested	4
Number of WNV Positive Horses	0
Number of EEE Positive Horses	0
Number of other WNV Positive Mammals	1
Human Surveillance	
Number of Human Specimens Tested	70
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 Country MCP	Northeast MA MCP	Pioneer Valley	Plymouth County MCP	SPHL	Suffolk County MCP	Total Tested
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)	40	31	80	156	3	56	39	23	45	58	294	23	848
29 (07/13-07/19/2025)	38	36	85	123	9	70	24	25	59	47	248	23	787
30 (07/20-07/26/2025)	33	35	73	180	6	72	47	26	37	45	209	22	785
31 (07/27-08/02/2025)	41	42	91	155	1	55	39	33	69	43	181	20	770
Total	224	211	549	908	19	380	252	178	334	246	1624	160	5085