

Massachusetts Department of Public Health

Arbovirus Surveillance Program Report

Key Public Risk Communication Messages for This Week:

MDPH identified one EEE positive mosquito from Hampshire County and 31 WNV positive mosquito samples from Barnstable, Bristol, Hampden, Middlesex, Suffolk, and Worcester Counties. MDPH has raised the EEE risk to Moderate for selected communities in Hampshire County. 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 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 30 (Sunday, 07/20/2025-Saturday, 07/26/2025)	
Mosquito Surveillance	
Number of Mosquito Samples Tested	4315
Number of WNV Positive Samples	31
Number of EEE Positive Samples	1
Equine/Mammal Surveillance	
Number of Mammal Specimens Tested	3
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	60
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
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)	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
Total	183	169	458	753	18	325	213	145	265	203	1443	140	4315