

Massachusetts Department of Public Health

Arbovirus Surveillance Program Report

Key Public Risk Communication Messages for This Week:

MDPH identified seven EEE positive mosquitoes from Bristol, Hampshire, and Plymouth Counties and 135 WNV positive mosquito samples from Barnstable, Berkshire, Bristol, Dukes, Essex, Franklin, Hampden, Hampshire, Middlesex, Norfolk, Plymouth, Suffolk, and Worcester Counties. MDPH has raised the EEE risk to Moderate for selected communities in impacted 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 elevated 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 32 (Sunday, 08/03/2025-Saturday, 08/09/2025)	
Mosquito Surveillance	
Number of Mosquito Samples Tested	5850
Number of WNV Positive Samples	135
Number of EEE Positive Samples	7
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	87
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
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
32 (08/03-08/09/2025)	47	44	76	178	7	58	39	59	62	59	124	12	765
Total	271	255	625	1086	26	438	291	237	396	305	1748	172	5850

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

Chikungunya and Dengue, Reported in Massachusetts by County of Residence, 2025
(These data are current as of 8/11/2025 and are subject to change)

County	Chikungunya virus infection	Dengue Fever
Barnstable	0	0
Berkshire	0	0
Bristol	0	2
Dukes	0	0
Essex	0	3
Franklin	0	1
Hampden	0	0
Hampshire	0	0
Middlesex	1	3
Nantucket	0	0
Norfolk	1	0
Plymouth	0	1
Suffolk	1	5
Worcester	0	0
Total	3	15

Note: Cases listed above were travel-acquired unless otherwise noted