

Massachusetts Department of Public Health Arbovirus Surveillance Program Report

Key Public Risk Communication Messages for This Week:

MDPH has reported 52 WNV positive mosquito samples from Berkshire, Bristol, Essex, Hampden, Hampshire, Middlesex, Norfolk, Plymouth, Suffolk, and Worcester Counties. In response to increasing WNV activity, communities within Berkshire, Bristol, Middlesex, Norfolk, Plymouth, and Suffolk Counties were raised to Moderate WNV risk. 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 daytime temperatures will continue to support populations of 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 2023 MDPH Surveillance and Response Plan for updates to risk levels and risk messaging. <https://www.mass.gov/doc/2023-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 33 (Sunday, 08/13/2023-Saturday, 08/19/2023)	
Mosquito Surveillance	
Number of Mosquito Samples Tested	6487
Number of WNV Positive Samples	52
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	103
Number of Human WNV Cases	0
Number of Human EEE Cases	0

Summary of 2023 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
29 (07/16-07/22/2023)	49	27	82	160	11	38	25	41	58	100	249	35	875
30 (07/23-07/29/2023)	43	34	77	162	5	35	37	37	63	37	201	7	738
31 (07/30-08/05/2023)	46	31	64	229	5	17	28	72	62	43	172	11	780
32 (08/06-08/12/2023)	45	32	47	197	2	23	18	84	58	64	298	13	881
33 (08/13-08/19/2023)	42	38	63	223	2	10	28	89	49	35	236	16	831
Total	381	261	538	1404	46	153	277	444	403	418	2035	127	6487

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