

# Massachusetts Department of Public Health Arbovirus Surveillance Program Report

## Key Public Risk Communication Messages for This Week:

MDPH has reported WNV positive mosquito samples from Boston, Brookline, Pittsfield, West Springfield and Worcester. Check your risk levels throughout the season by visiting our interactive site <https://www.mass.gov/info-details/massachusetts-arbovirus-update>

Intense regional precipitation events and warm weather 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 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>

<b>WNV and EEE Virus Surveillance Summary</b>	
Results contained in this report reflect data up to and inclusive of MMWR Week 29 (Sunday, 07/16/2023-Saturday, 07/22/2023)	
<b>Mosquito Surveillance</b>	
Number of Mosquito Samples Tested	3257
Number of WNV Positive Samples	5
Number of EEE Positive Samples	0
<b>Equine/Mammal Surveillance</b>	
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
<b>Human Surveillance</b>	
Number of Human Specimens Tested	42
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
25 (6/18-6/24/2023)	28	19	41	77	0	0	25	13	14	24	138	0	379
26 (6/25-07/1/2023)	38	19	30	91	0	19	20	34	17	39	196	34	537
27 (07/02-07/08/2023)	30	26	56	139	15	0	41	20	31	10	145	0	513
28 (07/09-07/15/2023)	31	19	54	92	6	11	39	35	48	66	269	11	681
29 (07/16-07/22/2023)	49	27	82	160	11	38	25	41	58	100	249	35	875
<b>Total</b>	205	126	287	593	32	68	166	162	171	239	1128	80	3257

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