

Boston Public Health Commission | Arbovirus Surveillance 2010 - 2013

Mosquito Pools in Boston Testing Positive for West Nile virus: 2010-2013*

| Year | Number of Positive Mosquito Pools | Boston Neighborhoods with Positive Pools (Number of Pools Testing Positive) | Date of First – Last Positive Pool | Mosquito Species |
|------|-----------------------------------|---|------------------------------------|--|
| 2010 | 26 | North Dorchester (7), West Roxbury (6), East Boston (3), Fenway (3), Jamaica Plain (2), South Dorchester (2), Dorchester (1), Hyde Park (1), Roslindale (1) | August 11 – September 23 | <i>Culex pipiens</i> and <i>Culex pipiens/restuans</i> complex |
| 2011 | 57 | West Roxbury (15), Hyde Park (10), Jamaica Plain (7), Roslindale (7), Dorchester (6), South Boston (6), East Boston (3), Back Bay/Fenway (2), Fenway (1) | July 6 – September 28 | <i>Culex pipiens/restuans</i> complex |
| 2012 | 23 | West Roxbury (7), Hyde Park (5), Jamaica Plain (3), East Boston (2), Roslindale (2), South Dorchester (2), Back Bay/Fenway (1), North Dorchester (1) | June 20 – September 18 | <i>Culex pipiens/restuans</i> complex |
| 2013 | 14 | Jamaica Plain (3), Fenway (3), North Dorchester (2), West Roxbury (2), Brighton (1), East Boston (1), Hyde Park (1), Roslindale (1) | July 23 – September 20 | <i>Culex pipiens/restuans</i> complex |

*A mosquito pool is a sample of many mosquitoes removed from a mosquito trap. Traps are located throughout the City of Boston. Pools are tested during the summer and fall for West Nile virus (WNV) and Eastern equine encephalitis (EEE). No pools tested positive for EEE in Boston during 2010 – 2013.

Reported Mosquito-borne Illness among Boston Residents: 2010-2013**

| Number | Disease | Date Case Confirmed |
|--------|-----------------|---------------------|
| 1 | West Nile virus | August 27, 2010 |
| 2 | West Nile virus | October 11, 2010 |
| 3 | West Nile virus | August 26, 2012 |
| 4 | West Nile virus | September 5, 2012 |
| 5 | West Nile virus | September 9, 2012 |
| 6 | West Nile virus | September 10, 2012 |
| 7 | West Nile virus | September 13, 2012 |
| 8 | West Nile virus | September 14, 2012 |

**No cases of Eastern equine encephalitis were reported among Boston residents during 2010 – 2013.
No cases of West Nile virus were reported among Boston residents in 2011 or 2013.

For more information, visit www.bphc.org/mosquitocontrol