



MCDH West Nile Virus Surveillance Report, 2018 Updated: 10/23/2018

The McHenry County Department of Health (MCDH) conducts West Nile Virus (WNV) surveillance from the beginning of May through the middle of October. Surveillance activities include tracking human cases of WNV in McHenry County (conducted year-round), collection and submission of dead birds for analysis, collection and analysis of Culex mosquitoes for WNV, and remediation of sites that promote mosquito breeding (i.e. dumps, discarded tires, abandoned pools). The following report summarizes the WNV surveillance data for 2018.

Bird Surveillance

Ten birds have been submitted for testing for WNV. Nine birds tested negative, and one bird tested positive (from Crystal Lake).

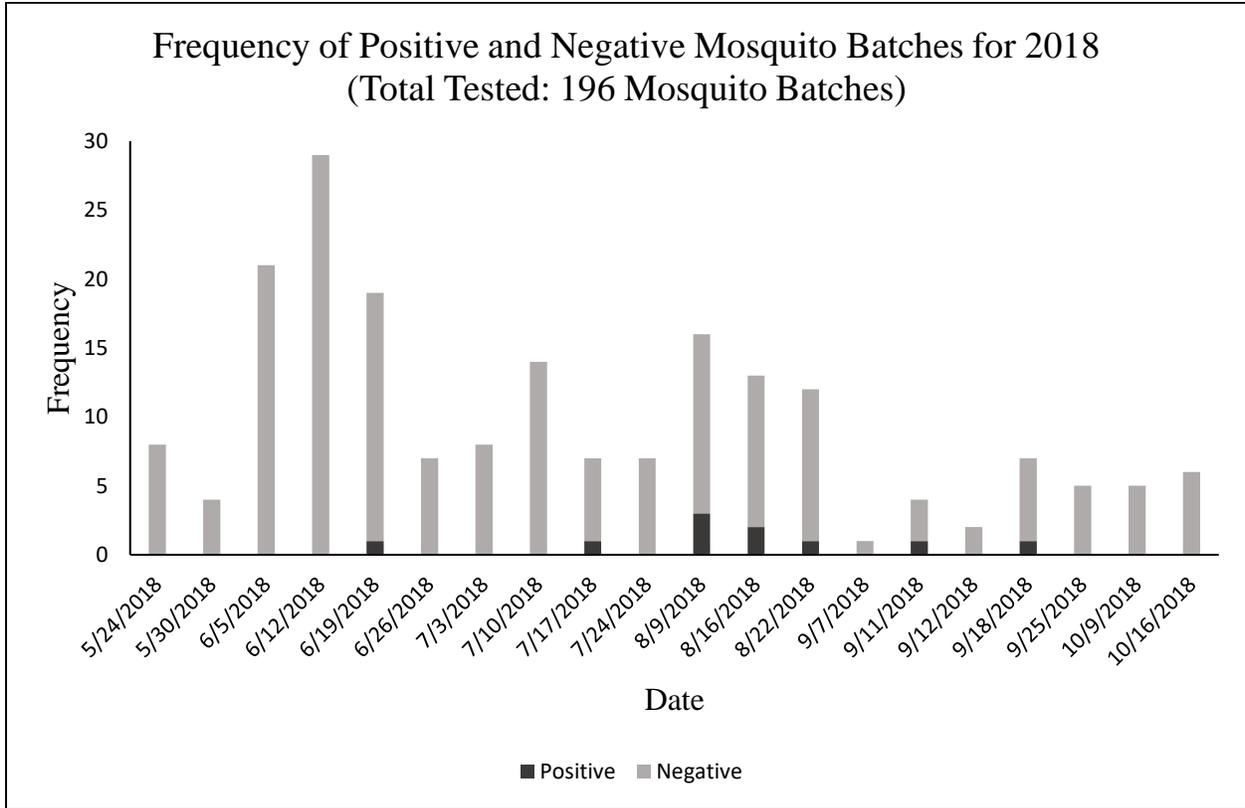
Zip Code	Date Collected	Bird Type	Results
60102	6/11/2018	Robin	Negative
60098	6/11/2018	Grackle	Negative
60098	6/15/2018	Morning Dove	Negative
60098	6/26/2018	Grackle	Negative
60102	6/29/2018	Robin	Negative
60033	7/2/2018	Robin	Negative
60014	7/24/2018	Sparrow	Negative
60014	8/3/2018	American Robin	Positive
60098	8/20/2018	Other	Negative
60034	8/22/2018	Other Sparrow	Negative

Mosquito Surveillance¹

196 mosquito batches have been tested for WNV from May 24 – October 16. 185 mosquito batches tested negative, ten mosquito batches tested positive, and one mosquito batch could not be tested.



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Human Case Surveillance²

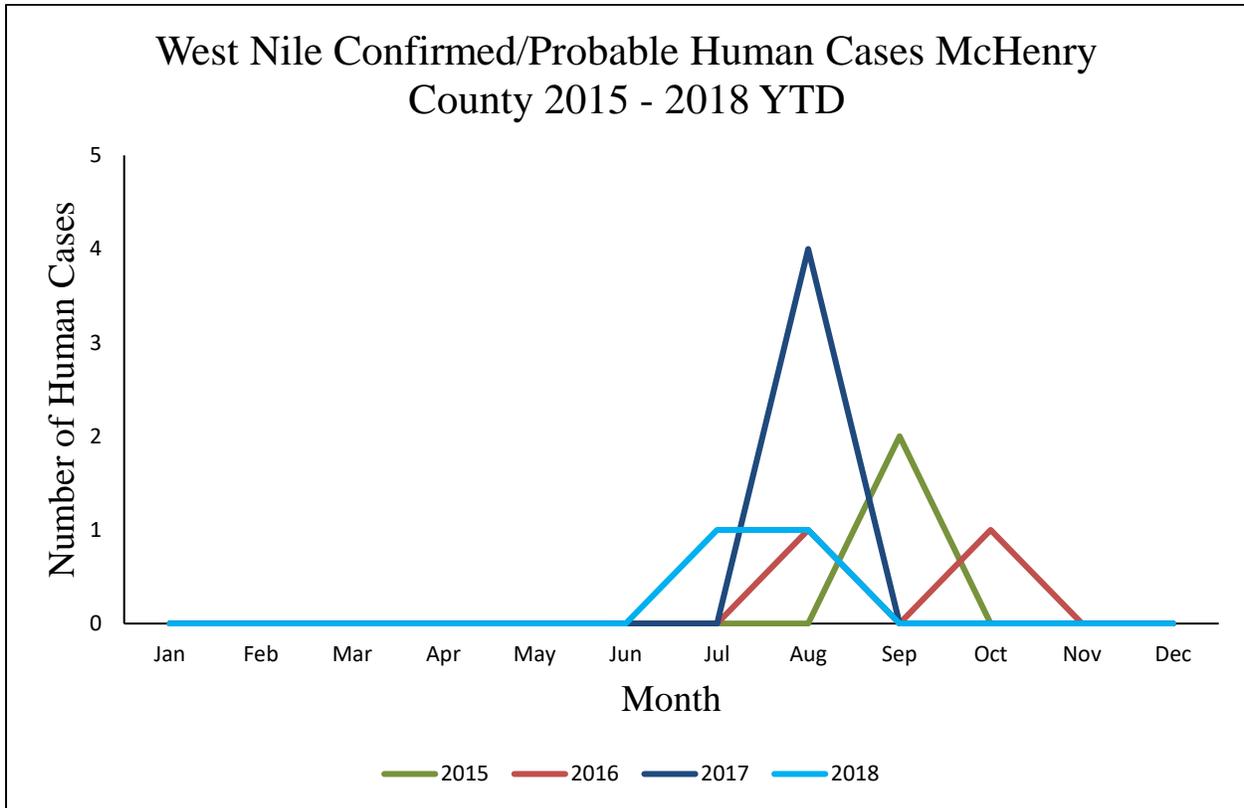
Two cases of WNV have been reported from January 1, 2018 – October 1, 2018. One case was neuroinvasive, one case were non-neuroinvasive.

West Nile Confirmed/Probable Human Cases												
Year	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2013	0	0	0	0	0	0	0	2	0	0	0	0
2014	0	0	0	0	0	0	0	1	0	0	0	0
2015	0	0	0	0	0	0	0	0	2	0	0	0
2016	0	0	0	0	0	0	0	1	0	1	0	0
2017	0	0	0	0	0	0	0	4	0	0	0	0
2018	0	0	0	0	0	0	1	1	0	0	0	0

*2018 data is provisional



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¹ Mosquitoes are tested for West Nile Virus (WNV) in groups, or “batches”, of up to 50 mosquitoes. A positive mosquito batch indicates that at least one mosquito in the batch was positive for WNV. The exact number of WNV positive mosquitoes in the batch is unknown.

² Human case count includes both confirmed and probable cases. Date retrieved from Illinois' National Electronic Disease Surveillance System (I-NEDSS). Data for 2018 is provisional.

Additional Resources:

- [FAQ's about West Nile Virus](#)
- [How to Protect Yourself and Your Home from West Nile Virus](#)
- [West Nile Virus \(CDC\)](#)