

West Nile Virus (WNV) in Michigan and Midland County

Year	Comments	Michigan		Midland County					
		Humans		Corvids			Mosquito Samples		
		Cases	Deaths	Reported	Tested	Positive	Tested	Positive	Cx MFIR
1999	Epidemic begins in New York								
2001	West Nile makes it's way to Michigan WNV + birds & mosq in S MI	0	0	0	0	0	0	0	0
2002	Beginning of human epidemic in MI WNV + birds & equines in Mid MI *no more birds tested after 1st positive	644	51	276	11	1*	N/A	3	N/A
2003	Many mosq spp tested; only Cx +	19	2	137	19	6 (32%)	251	4	N/A
2004	Many mosq spp tested; Oc, Cs & Cx +	16	0	180	56	37 (66%)	646	6	0.87
2005	MI 2nd highest number of human cases	62	4	105	12	5 (42%)	74	5	3.54
2006	One Midland County horse WNV +	55	7	113	35	23 (66%)	127	17	5.41
2007	WNV + birds in only 2 Counties	17	4	29	4	1 (25%)	16	0	0
2008	WNV + birds in only 4 Counties	17	0	21	7	0 (0%)	17	0	0
2009	Very cold summer, almost no WNV activity in Michigan	1	0	14	3	0 (0%)	62	0	0
2010	Few counties submit birds for testing WNV + corvids from 1 County (Midland)	29	3	5	2	2 (100%)	38	0	0
2011	EEE but no WNV in Midland County	34	2	13	4	0 (0%)	63	0	0
2012	Very hot spring and July	202	17	62	17	12 (71%)	104	6	2.78
2013	Wet spring; record numbers of Culex	36	2	56	14	8 (57%)	121	5	1.649
2014	Cooler than normal season	1	0	23	10	1 (10%)	48	0	0
2015	Wet summer	18	2	16	5	0 (0%)	15	0	0
2016	Dry summer	42	2	13	5	1 (20%)	57	0	0