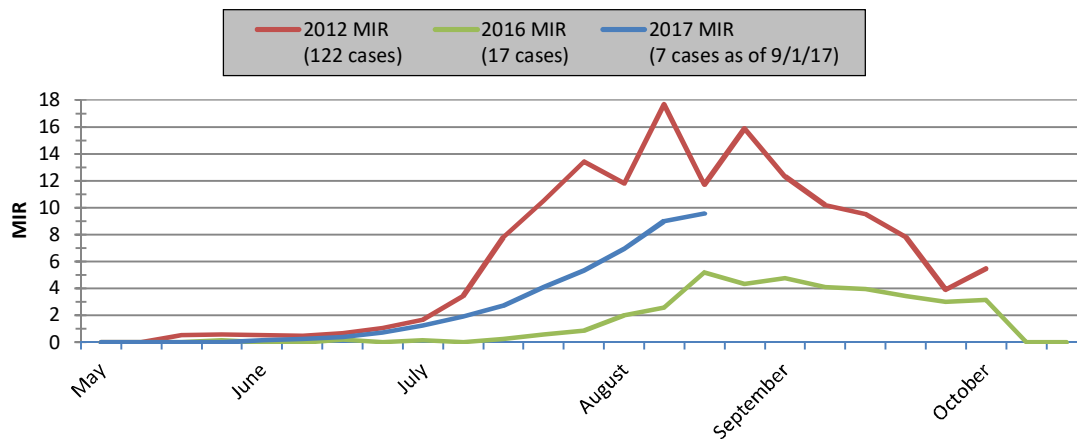


West Nile Virus **		Notes
Ohio Counties with WNV activity reported	36	
Human WNV cases	7	5 females, 2 males ranging in age from 35-59 years (median: 45 years) from Clark (1), Clermont (1), Cuyahoga (1), Greene (1), Hamilton (2) and Logan (1) counties
Asymptomatic blood donors	3	2 males, 1 female ranging in age from 19-63 years (median: 46 years) from Fairfield (1), Holmes (1) and Medina (1) counties
WNV veterinary cases	0	
Mosquitoes tested	357,651	Collected in 58 counties, pooled into 12,385 samples
WNV positive mosquito samples	1,316	Ashland (4), Ashtabula (3), Athens (1), Clark (3), Columbiana (4), Crawford (5), Cuyahoga (17), Delaware (3), Fairfield (1), Franklin (420), Greene (9), Hamilton (30), Hancock (15), Henry (3), Hocking (2), Knox (6), Lake (58), Licking (73), Lorain (54), Lucas (94), Madison (1), Mahoning (3), Medina (5), Meigs (13), Montgomery (30), Pickaway (15), Portage (130), Richland (38), Ross (2), Stark (29), Summit (234), Tuscarawas (5) and Wood (5) counties

This graph provides a comparison of weekly WNV infection rates of mosquitoes collected and tested in 2012 (our most recent WNV Outbreak year), 2016 and 2017 as of 9/1/17:

### Mimum Infection Rate (MIR) of West Nile Virus in *Culex* spp. Mosquitoes in Ohio

$$\text{MIR} = (\# \text{ positive pools} / \# \text{ mosquitoes tested}) \times 1000$$



Other locally aquired mosquito-borne diseases **		Notes
La Crosse / California serogroup virus - Human Cases	8	5 males, 3 females ranging in age from 4-65 years (median 8 years) from Allen (1), Ashland (1), Delaware (1), Knox (1), Medina (1), Muskingum (1), Preble (1) and Ross (1) counties
Eastern equine encephalitis virus - Veterinary Cases	1	1 equine case, a 7 year old gelding, in Astabula County with and onset of neurologic disease on 7/25/17. The horse was euthanized.
Travel associated mosquito-borne diseases **		Notes
Chikungunya Virus Human Cases*	2	1 male, 1 female ages 16 and 39 years with travel to Mexico
Dengue Human Cases	3	2 males, 1 female ranging in age from 17-60 years (median 27 years) with travel to Asian countries
Zika Human Cases*	4	2 males, 2 females ranging in age from 12-59 years (median 34.5 years) with travel to Caribbean islands
Malaria Human Cases	43	22 males, 17 females ranging in age from 1-77 years (median 29 years) with travel to African countries, Afghanistan and Guatemala

\*Ohioans traveling to areas where local transmission is occurring should be aware of this ongoing situation and make every effort to avoid mosquito bites. Additional information can be found from the CDC ([www.cdc.gov/chikungunya](http://www.cdc.gov/chikungunya), [www.cdc.gov/zika/geo/index.html](http://www.cdc.gov/zika/geo/index.html)) and the Pan American Health Organization ([www.paho.org/chikungunya](http://www.paho.org/chikungunya), [www.paho.org/zika](http://www.paho.org/zika)).

\*\*Updated 09/01/17