

Humans & Animal Disease Surveillance Report

RABIES VACCINATION CLINICS

Available free of charge to Madison County residents. A voluntary \$5.00 donation per pet is requested to help defray clinic costs.

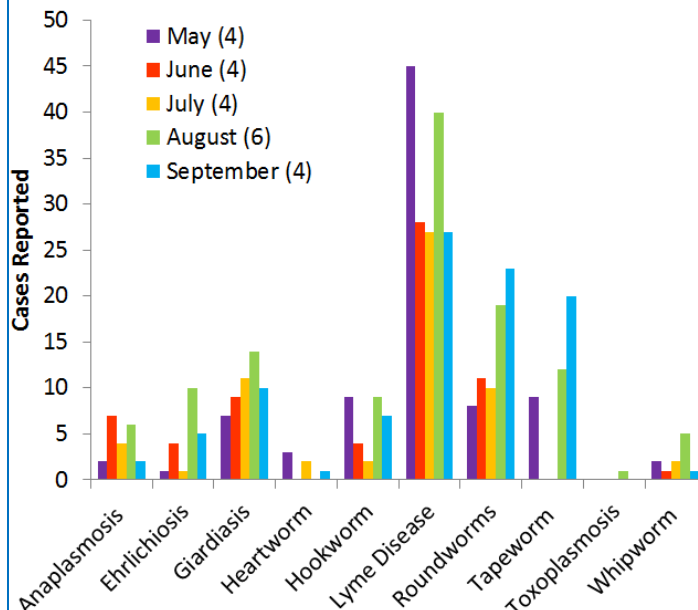
OCTOBER

11 — Wednesday **Bridgeport** Fire Department
5:00pm-7:00pm 427 State Route 31

DECEMBER

2 — Saturday **Oneida** Veteran’s Memorial Field
9:00 am-11:30 am 260 North Main Street

Monthly Diseases Reported in Animals by Veterinarians

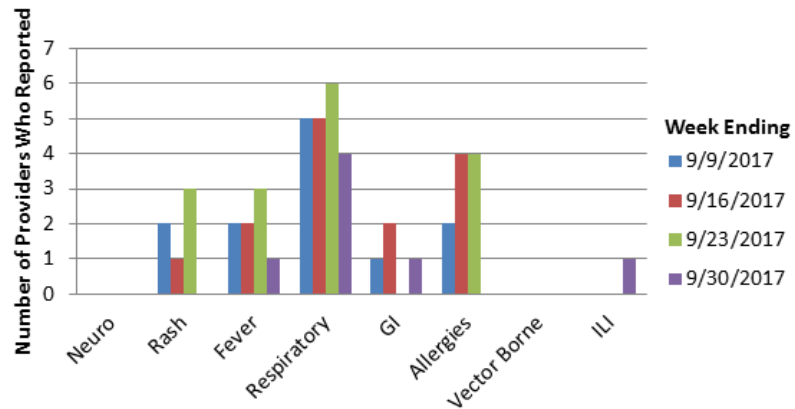


Madison County Disease Surveillance Updates, 9/3/17-9/30/17

- Communicable Diseases Reported to the Health Department: 13 Chlamydia, 1 Campylobacter, 1 Cryptosporidiosis, 1 Giardia, 5 new Chronic Hepatitis C, 11 Lyme, 1 Haemophilus Influenzae, 1 aseptic Meningitis, and 3 Salmonella
- Primary Care Providers Reported*: **rashes, fever, respiratory illness, gastrointestinal illness (GI), allergies, flu-like illness, strep throat, upper respiratory infections (URI), coughs, ear infections, pneumonia, sore throats, strep throat, sinusitis, mono, and bronchitis**
- Hospital Weekly Surveillance*: **Rashes, fever, respiratory illness, GI, URI, and pneumonia**
- Syndromic Surveillance in Emergency Departments Reported: 9/7 - 9/16 mild to moderate signals for fevers; 9/15 - 9/24 mild to moderate signals for rashes; 9/22 - 10/1 mild to moderate signals for rashes
- Medicaid Over-the-Counter (OTC) & Script Medication Alerts Reported: 8/18 - 8/27 mild sensitivity for 1st and 2nd generation Cephalosporins (antibiotics); 8/25 - 9/3 mild to moderate sensitivity for herpes agents; 9/2 - 9/11 mild to moderate sensitivity for anti-asthmatic medications

NOTE: Bolded symptoms/illnesses above were reported during at least three out of the four reporting weeks

Weekly Symptoms Reported Among Primary Care Providers



Human & Animal Disease Surveillance Report

| Rabies Testing Results by Township, 8/1/17—8/31/17 | | | | |
|---|---------------------------|----------|------------------------------|-----------------------------------|
| Township | Animal Specimen Submitted | Result | Number of Person (s) Exposed | RPEP Provided or Pet Quarantined? |
| Cazenovia | Raccoon | Negative | 0 | Not required |
| Total Rabies Positive or Untestable Animals in 2017 to date: | | | | |
| Total Specimens Submitted for Rabies Testing in 2017 to date: 34 (19 Bats, 2 Cows, 2 Domestic Cat, 5 Feral Cats, 2 Dogs, 1 Horse, and 3 | | | | |
| *RPEP = Rabies Post-Exposure Prophylaxis | | | | |

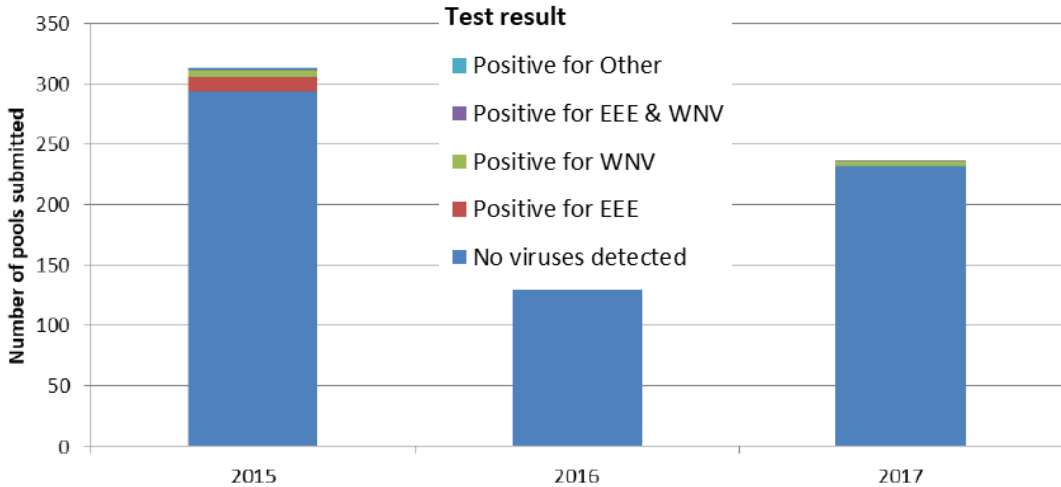
View all reports online at www.healthymadisoncounty.org

Results of Mosquito Pool* Testing by Year, Madison County 2015-2017

Test result data is current as of 10/2/17.

| Year | Number of mosquitoes collected | Number of pools submitted | Pools with positive EEE (%) | Pools with positive WNV (%) |
|------|--------------------------------|---------------------------|-----------------------------|-----------------------------|
| 2015 | 29875 | 315 | 14 (4.4%) | 6 (1.9%) |
| 2016 | 8427 | 128 | 0 (0%) | 0 (0%) |
| 2017 | 22533 | 239 | 1* (0.4%) | 5* (2.1%) |

* Date of first positive: EEE-9/19/17 and WNV-8/15/17



Regional Mosquito Surveillance Results

Madison County Health Department’s Division of Environmental Health completed weekly mosquito surveillance at the end of September. Mosquitoes were collected from four trapping sites in the Town of Sullivan to detect West Nile Virus (WNV) and Eastern Equine Encephalitis (EEE), mosquito-borne diseases that may pose a threat to health.

| Results as of 10/2/17 | WNV in mosquito pools* tested | EEE in mosquito pools* tested |
|-----------------------|-------------------------------|-------------------------------|
| Madison County | 5 | 1 |
| Oneida County | 4 | 0 |
| Onondaga County | 31*** | 0 |
| Oswego County | 30*** | 26** |

*A **mosquito pool** is the collection of 10 – 50 mosquitoes of the same specific species submitted for disease testing
 **Oswego County conducted aerial spraying on 8/28/17 in response to the public health threat of the EEE virus
 ***One human case of West Nile Virus was detected