

## Human and Zoonotic Disease Surveillance Report

### PET 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.

The clinic schedule is online at: [healthymadisoncounty.org/events/](http://healthymadisoncounty.org/events/)



#### OCTOBER

19 Wednesday **Bridgeport** Fire Department 5pm-7pm  
427 State Route 31

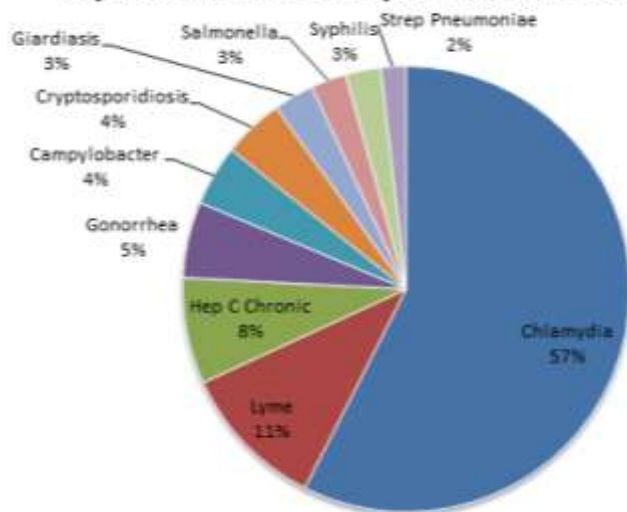
#### DECEMBER Last clinic until March 2017!

10 Saturday **Oneida** Vets Memorial Field 9:30am-11:30am  
260 North Main Street

### Laboratory Confirmed Rabies in Animals by Township, 9/9/16-10/1/16

Township	Specimen Submitted	Result	Total Number People Exposed / Outcome
Eaton	Feral Cat	Rabid	1 exposed / RPEP Provided
Eaton	Dog	Untestable	1 exposed / RPEP Recommended
Hamilton	Cat	Untestable	1 exposed / RPEP Provided
DeRuyter	Fox	Negative	No exposures / No Actions Required
<b>TOTAL</b>			<b>3 exposures / 2 received recommended RPEP</b>
<b>Total Rabies Positive Animals in 2016 to date: 6 (2 Foxes, 1 Raccoon, 1 Feral cat, 2 Bats)</b>			
<b>Total Specimens Inconclusive (Untestable) in 2016 to date: 3 (1 Bat, 1 Dog, 1 Cat)</b>			
<b>Total Specimens Submitted for Rabies Testing in 2016 to date: 48 (30 Bats, 1 Bobcat, 3 Dogs, 8 Domestic Cats, 1 Feral Cat, 4 Foxes, 1 Raccoon)</b>			
*RPEP = Rabies Post-Exposure Prophylaxis			

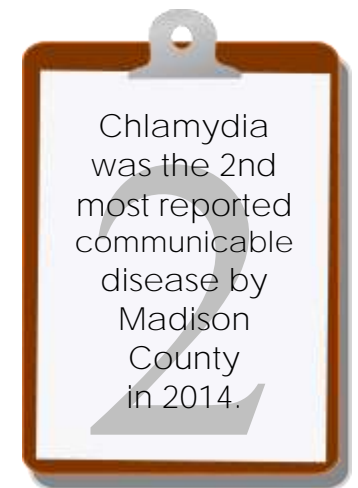
### Top 10 Confirmed Reportable Diseases, 2016



In Madison County from January 1-September 30, 2016 (see pie chart on left), 57% of all reported communicable diseases were attributed to the sexually transmitted infection, chlamydia.

A rate of 221 per 100,000 population of chlamydia cases was reported by Madison County in 2014. The only higher rate of disease in Madison County is influenza, with a rate of 333 per 100,000 population of cases reported in 2014. Hepatitis C provided the third highest rate of disease in Madison County at a rate of 42.8 per 100,000 population of cases in 2014.

NYSDOH 2014 Communicable Disease Rates retrieved from <https://www.health.ny.gov/statistics/diseases/>

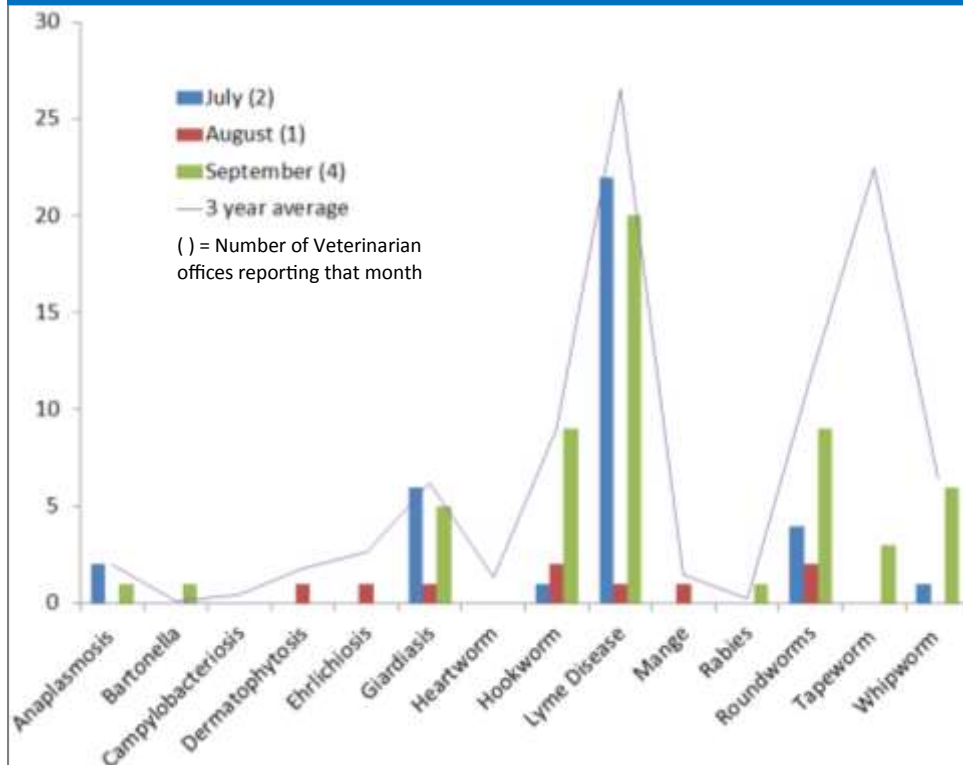


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### Mosquito Surveillance: 6/1/16 through 9/17/16

- **Madison County ended the 2016 seasonal mosquito surveillance on 9/10/16 due to declining temperatures and low mosquito counts.** EEE and WNV has not been detected in Madison County this season.
- Onondaga County detected four mosquito pools positive for West Nile Virus (WNV) and Oswego County detected five mosquito pools positive for Eastern Equine Encephalitis (EEE) and one human case of WNV.
- In New York State, Zika virus has not been detected in mosquito pools and no local transmission has been identified.
  - View the NYS report at [http://www.health.ny.gov/diseases/west\\_nile\\_virus/docs/weekly\\_arboviral\\_surveillance\\_report.pdf](http://www.health.ny.gov/diseases/west_nile_virus/docs/weekly_arboviral_surveillance_report.pdf)

### Local Veterinarian Reports: Monthly Diseases in Animals



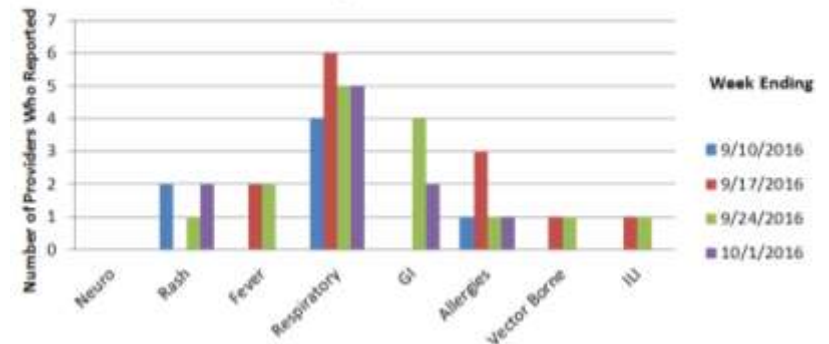
### Madison County Disease Surveillance Updates, Weeks 37-40 9/4/16-10/1/16

**Bolded items were reported for at least 3 out of 4 reporting weeks.**

Communicable Diseases Reported to the Health Department: 20 Chlamydia, 5 Lyme disease, 1 Cryptosporidium, 2 Campylobacter, 2 Gonorrhea, 2 Salmonella, 1 new chronic Hepatitis C, and 1 Syphilis

Primary Care Providers Reported\*: **allergies, bronchitis, colds, coughs,** chronic obstructive pulmonary disease exacerbation (COPD), coxsackie virus, croup, ear infections, **fever, gastrointestinal illness (GI), influenza-like illness (ILI),** lice, rashes, **respiratory,** scabies, sexually transmitted infections (STI), **sinus infections/sinusitis,** sore throat, strep, **upper respiratory infections (URI),** and urinary tract infections

### Weekly Symptoms Reported Among Primary Care Providers



Hospital Weekly Surveillance\*: COPD exacerbation, coughs, coxsackie virus, **fever, GI, ILI,** pneumonia, rashes, **respiratory illness, strep, and URI**

Colleges\*: allergies, coughs, fever, GI, ILI, strep, sinus infections, STI, **respiratory, and URI**

Syndromic Surveillance in Emergency Departments: No alerts during weeks 37-40.

Medicaid Over-the-Counter (OTC) & Script Medication Alerts: 8/20 - 8/29 mild/moderate signals for cough/cold/allergy and herpes agents; 8/24 - 9/2 mild/moderate signals for cough/cold/allergy, herpes agents; 9/2 - 9/11 mild/moderate signals for analgesics (non-narcotic painkillers)

\*Information denoted with an asterisk is subjective and provided on a voluntary basis.